



Engineering Services Committee Meeting Committee Room- 10/27/2008- 1:15 PM

ENGINEERING SERVICES

1. Approve Supplemental Agreement Number Five and Change Number Six as requested by the Engineering Department with Cranston Engineering Group in the amount of \$113,490 for engineering and design changes to ensure compliance with the NPDES Permit Guidelines, Nationwide Permit Guidelines, additional environmental services, additional design changes to facilitate the right of way acquisition and other services concerning the improvements to Alexander Drive, CPB #323-041110-296823215. Funds are available in the Project Contingency Account to be transferred to the Project Engineering Account. ☐ [Attachments](#)
2. Approve CPB # 323-041110-296823215 Change Number Five in the amount of \$2,000,000.00 for the Alexander Drive Project to be funded from SPLOST Fund Balance Account for the Engineering Department. ☐ [Attachments](#)
3. Motion to award Bid Item 08-097A – Draw Tape Refuse and Recycling Bags – to the lowest qualified bidder. ☐ [Attachments](#)
4. Motion to award construction of Deans Bridge Road MSW Landfill Maintenance Facility (bid item 08-157) to the lowest qualified bidder. ☐ [Attachments](#)
5. Motion to award the purchase of Skid-Mounted Hydroseeder for the Solid Waste Department to the Lowest Qualified Bidder (Bid Number 08-083). ☐ [Attachments](#)
6. Approve the Deeds of Dedication, Road Resolutions and License Agreement submitted by the Engineering, and Augusta Utilities Departments for Belfair Lakes, Section I. ☐ [Attachments](#)
7. Motion to authorize condemnation to acquire title of a portion of property, designated as Tax Map 51, Parcel 231 of the Belair Hills Subdivision Improvement Project, for a permanent and temporary easement. ☐ [Attachments](#)
8. Motion to approve an ordinance to amend Title Seven, Article 2 of the Augusta-Richmond County Code titled “Construction and Maintenance” so as to add a provision for speed humps, to provide the guidelines for the construction, installation, and maintenance of speed humps for public and residential streets, to repeal all ordinances in conflict herewith; to provide an effective date and for other purposes as requested by the Traffic ☐ [Attachments](#)

9. Approve award of design contract to Johnson, Laschober & Associates, P.C. in the amount of \$ 131,250.00 for the fee associated with designing the Fort Gordon - 1.0 Million Gallon Elevated Storage Tank Project. ☐ [Attachments](#)
10. Approve design contract to Cranston Engineering Group, P.C. in the amount of \$317,720.00 for the Fort Gordon - Raw Water Distribution System Project. ☐ [Attachments](#)
11. Approve design contract to Stevenson & Palmer Engineering, Inc. in the amount of \$348,733.00 for the Fort Gordon Eisenhower Hospital Area Gravity Sewer System ☐ [Attachments](#)
12. Approve design contract to WK Dickson (WKD), Inc. in the amount of \$52,850.00 for the Water Meters and Backflow Devices Replacements for Fort Gordon. ☐ [Attachments](#)
13. Approve design contract to Khafra Engineering Consultants, Inc. in the amount of \$147,753.00 for the Water Main Replacements for Fort Gordon Recreation Area at Thurmond Lake Project. ☐ [Attachments](#)
14. Approve award of a design contract in the amount of \$397,632.00 to ZEL Engineers for a wastewater connection (Force Main & Lift Station system) at Fort Gordon. ☐ [Attachments](#)
15. Approve Change Number One in the amount of \$348,950.00 with funding of \$348,950.00 From SPLOST Phase III Recapture for project construction. Also approve award of construction contract to Mabus Brothers Construction Co., Inc. The amount of \$348,950.00 for the Lover's Lane Evacuation Route project CPB #323-041110-207823001, subject to receipt of signed contracts and proper bonds as requested by the Engineering Department. ☐ [Attachments](#)
16. Motion to authorize condemnation to acquire title of a portion of property, designated as Tax Map 144, Parcel 001 located at 3486 Peach Orchard Road for a permanent and temporary easement for the Butler Creek Upgrade East Project. ☐ [Attachments](#)
17. Approve proposal from Heery International, Inc. for Programming Verification and Space Planning Services for the renovations to the Augusta-Richmond County Municipal Building. ☐ [Attachments](#)
18. Approve Capital Project Budget Change Number Five (CPB 323-04-299823999) for the Augusta County Regional Flood Control Feasibility Study in the amount of \$200,000 to be funded from SPLOST Phase III ☐ [Attachments](#)

Recapture as requested by the Engineering Department.

19. Motion to approve an Option for Right-of-Way between Gary E. Ergle and Janet W. Ergle, as owners, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, consisting of 0.037 acre (1,632.09 square feet) in fee and 0.046 acre (2,021.48 square feet) of permanent construction & maintenance easement and one temporary driveway easement for the property located at 2001 Glennfield Lane, for a purchase price of \$47,500.00. ☐ [Attachments](#)
20. Approve the deed of dedication, maintenance agreement and road resolutions submitted by the Engineering Department for the Orchard Subdivision, Section I. ☐ [Attachments](#)
21. Discuss the City's vehicle maintenance contract. (Requested by Commissioner Smith) ☐ [Attachments](#)

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Engineering Services Committee Meeting
10/27/2008 1:15 PM
Alexander Drive Project #323-04111-296823215

Department: Abie L. Ladson, P. E. Director Engineering Dept.

Caption: Approve Supplemental Agreement Number Five and Change Number Six as requested by the Engineering Department with Cranston Engineering Group in the amount of \$113,490 for engineering and design changes to ensure compliance with the NPDES Permit Guidelines, Nationwide Permit Guidelines, additional environmental services, additional design changes to facilitate the right of way acquisition and other services concerning the improvements to Alexander Drive, CPB #323-041110-296823215. Funds are available in the Project Contingency Account to be transferred to the Project Engineering Account.

Background: This is a Georgia Department of Transportation (GDOT) project that will widen and reconstruct Alexander Drive to 4 lanes with a 20' raised median from Washington Road to Riverwatch Parkway. Augusta Engineering is responsible for development of the Preliminary Engineering activities and hired Cranston Engineering Group to accomplish these activities. The estimated construction cost is \$11.3 million and GDOT has identified construction funds for fiscal year 2009.

Analysis: Cranston Engineering Group entered into an agreement with Augusta-Richmond County on November 13, 1998 to provide the engineering and design services to improve Alexander Drive. On August 1, 2008 the state EPD approved revised guidelines concerning erosion control plans. These guidelines have been adopted by GDOT and on August 26, 2008 GDOT advised that these guidelines shall be incorporated into all projects. On August 20, 2008 GDOT advised that revisions to the United States Army Corps of Engineers Nationwide 404 Permit Regional Conditions had been adopted and that these guidelines shall be incorporated into all projects. The right of way plans were approved on October 31, 2006. Prior to approval of the right of ways, it was agreed that retaining walls would be needed to minimize impacts to the parcel that belongs to Kroger and the parcel that belongs to Masters Glen Apartments. A retaining wall was designed to minimize impacts to Kroger. However, Kroger initiated improvements to their parcel which included subdivision of their parcel and a major reconstruction/expansion of their store. The original retaining wall has been redesigned two more times to accommodate the changes initiated by Kroger. The retaining wall at Masters Glen Apartments is being redesigned for the second time to ensure impacts to their parcel are minimized. In addition to the redesign of the walls, additional field survey data had to be gathered and the street lighting plans had to be redesigned in these areas. The approved environmental document will have to be re-evaluated and approved by GDOT and FHWA officials one more time before the project is let. Also, the approved Nationwide Permit will have to be resubmitted to the Army

Item # 1

Corps of Engineers for approval to ensure that the Augusta 26, 2008 guidelines have been incorporated into the plans. Other services include 1) revisions to the traffic signal plans to coordinate with the revised site development plan at The Village at Riverwatch and 2) printing costs that have exceeded the original budget. The printing requirements for the GDOT Final Field Plan Review and final delivery have increased since original agreement was executed and Cranston has received numerous requests for plans from city officials, GDOT officials and property owners.

Financial Impact:

Cranston Engineering Group has proposed a total cost of \$113,490 for these additional services. \$22,880 for the redesign of the erosion control plans; \$30,980 to incorporate the revised Nationwide 404 Permit guidelines into the plans; \$28,250 for the engineering and redesign of the retaining walls at Kroger and Masters Glen Apartments; \$3,800 for re-evaluation of the environmental document; \$7,180 for revisions to the traffic signal plans; and \$20,400 for printing costs. Funds are available upon Commission approval.

Alternatives:

1) Approve Supplemental Agreement Number Five and Change Number Six as requested by the Engineering Department with Cranston Engineering Group in the amount of \$113,490 for engineering and design changes to ensure compliance with the NPDES Permit Guidelines, Nationwide Permit Guidelines, additional environmental services, additional design changes to facilitate the right of way acquisition and other services concerning the improvements to Alexander Drive, CPB #323-041110-296823215. Funds are available in the Project Contingency Account to be transferred to the Project Engineering Account. 2) Do not approve the request and jeopardize the progress of this important project to Augusta.

Recommendation:

Approve Alternative Number One.

Funds are Available in the Following Accounts:

FUNDS ARE AVAILABLE IN THE FOLLOWING ACCOUNTS: 323-041110-6011110/296823215-6011110

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.**

DO NOT PROCESS THIS DOCUMENT. (once approved by the Commission Engineering will send the original document(s) for execution to the Clerk of Commission Office. For questions please contact Engineering at ext 5070.)

Augusta-Richmond County, Georgia

CPB#323-04-296823215

**CAPITAL PROJECT BUDGET
ALEXANDER DRIVE IMPROVEMENTS
(WASHINGTON ROAD TO RIVERWATCH PARKWAY)
CHANGE NUMBER SIX**

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

Section 1: This project be set up is authorized to CPB#323-04-296823215. Additional funding is required to complete environmental services, additional design changes to facilitate the right of way acquisition and other services concerning the improvements to Alexander Drive. Funding is available in SPLOST Fund Balance.

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

Special 1% Sales Tax, Phase III Recapture	\$	2,522,795
Augusta Utilities	\$	24,768
Special 1% Sales Tax, Phase III Recapture	\$	86,680
Special 1% Sales Tax, Fund Balance	\$	<u>2,000,000</u>
	\$	4,634,243

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

	By Basin		By District
Rock Creek	\$4,634,243	7th	\$4,634,243

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

Honorable Deke Copenhaver, Mayor

Augusta-Richmond County, Georgia

CPB#323-04-296823215

**CAPITAL PROJECT BUDGET
ALEXANDER DRIVE IMPROVEMENTS
(WASHINGTON ROAD TO RIVERWATCH PARKWAY)
CHANGE NUMBER SIX**

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

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SPLOST, PHASE II			
323-04-1110-000000-000000000	(\$2,522,795)		(\$2,522,795)
AUGUSTA UTILITIES			
507043420-5212115/89800510-5212115	(\$24,768)		(\$24,768)
SPLOST PHASE III			
323-04-1110-6011111-296823333	(\$86,680)		(\$86,680)
SPLOST, FUND BALANCE			
323-000-000000/39-52110	(\$2,000,000)		(\$2,000,000)
TOTAL SOURCES:	(\$4,634,243)		(\$4,634,243)

USE OF FUNDS

ENGINEERING			
323-04-1110-5212115-296823215	\$49,810	\$63,680	\$113,490
ADVERTISING			
323-04-1110-5233119-296823215	\$1,000		\$1,000
RAILROAD PERMIT			
323-04-1110-5414610-296823215	\$0		\$0
RIGHT OF WAY			
323-04-1110-5411120-296823215	\$4,459,490		\$4,459,490
UTILITIES			
323-04-1110-5414510-296823215	\$0		\$0
AUGUSTA UTILITES			
507043420-5212115/89800510-296823215	\$0		\$0
CONSTRUCTION			
323-04-1110-5414110-296823215	\$0		\$0
SIGNALS			

Augusta-Richmond County, Georgia

CPB#323-04-296823215

**CAPITAL PROJECT BUDGET
ALEXANDER DRIVE IMPROVEMENTS
(WASHINGTON ROAD TO RIVERWATCH PARKWAY)
CHANGE NUMBER SIX**

323-04-1110-5414610-296823215	\$0		\$0
CONTINGENCY			
323-04-1110-601110-296823215	\$123,943	(\$63,680)	\$60,263
TOTAL USES:	\$4,634,243		\$4,634,243

**AUGUSTA, GEORGIA
ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Project No: **STP-0001-00 (794); PI 0001794**
Supplemental Agreement No. **5**
P.O. **1444**

WHEREAS, We, **Cranston Engineering Group, P. C.**, Consultant, entered into a contract with Augusta-Richmond County on November 13, 1998, for engineering design services associated with the widening and reconstruction of **Alexander Drive from Washington Road to Riverwatch Parkway**, Project No. STP-0001-00 (794), File Reference No. 08-014 (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 engineering and design services to incorporate new state EPD mandated erosion control guidelines, Army Corps of Engineers Nationwide 404 Permit revisions, design changes to facilitate the right of way acquisition and other services.

It is agreed that as a result of the above described modification the contract amount is increased by \$113,490 from \$417,318.35 to a new total of \$530,808.35.

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, **Cranston Engineering Group, P. C.**, 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 _____, 2008.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Mayor

Approved: Date _____

ATTEST:

Approved: Date _____
[ATTACHED CORPORATE SEAL]

ATTEST:

Title: _____

Title: _____



**Engineering Services Committee Meeting
10/27/2008 1:15 PM
Alexander Drive Request for Additional Funds**

Department: Engineering-Abie L. Ladson, P.E., Director

Caption: Approve CPB # 323-041110-296823215 Change Number Five in the amount of \$2,000,000.00 for the Alexander Drive Project to be funded from SPLOST Fund Balance Account for the Engineering Department.

Background: The additional amount is needed to complete the acquisition of right-of-way and easements. Original estimates fall far short because the Tax Assessors Office increased the appraisals on Alexander Drive properties from \$5.50 to \$12.00 per sq. ft. We have negotiated for around \$7.00 to \$7.50 per sq. ft., but it has caused the cost of buying right-of-way to accelerate.

Analysis: An unexpected number of condemnations have been necessary on this project. Also, because of the increased amount of the appraisal done by the Tax Assessors Office, the property owners feel like they should be paid more money up to the tax appraisal amount. These funds are needed to complete the acquisition of right-of-way for this much needed project.

Financial Impact: Funds in the amount of \$2,000,000.00 are available in SPLOST Fund Balance Account 323-000-0000000/39-52110 to be transferred to the project Right of Way account upon Commission approval.

Alternatives: 1. Approve CPB # 323-041110-296823215 Change Number Five in the amount of \$2,000,000.00 for the Alexander Drive Project to be funded from SPLOST Fund Balance Account for the Engineering Department. 2. Do not approve and delay construction of a much needed project.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: 323-000-0000000/39-52110

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.**

Cover Memo

Item # 2

Augusta-Richmond County, Georgia

CPB#323-04-296823215

**CAPITAL PROJECT BUDGET
ALEXANDER DRIVE IMPROVEMENTS
(WASHINGTON ROAD TO RIVERWATCH PARKWAY)
CHANGE NUMBER FIVE**

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

Section 1: This project be set up is authorized to CPB#323-04-296823215. Additional funding is required to complete the acquisition of Right of Way and easements. Funding is available in SPLOST Fund Balance.

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

Special 1% Sales Tax, Phase III Recapture	\$ 2,522,795
Augusta Utilities	\$ 24,768
Special 1% Sales Tax, Phase III Recapture	\$ 86,680
Special 1% Sales, Tax Fund Balance	<u>\$ 2,000,000</u>
	\$ 4,634,243

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

	By Basin		By District
Rock Creek	\$4,634,243	7th	\$4,634,243

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

Honorable Deke Copenhaver, Mayor

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

Augusta-Richmond County, Georgia

CPB#323-04-296823215

**CAPITAL PROJECT BUDGET
ALEXANDER DRIVE IMPROVEMENTS
(WASHINGTON ROAD TO RIVERWATCH PARKWAY)
CHANGE NUMBER FIVE**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SPLOST, PHASE II 323-04-1110-000000-000000000	(\$2,522,795)		(\$2,522,795)
AUGUSTA UTILITIES 507043420-5212115/89800510-5212115	(\$24,768)		(\$24,768)
SPLOST PHASE III 323-04-1110-6011111-296823333	(\$86,680)		(\$86,680)
SPLOST, FUND BALANCE 323-000-000000/39-52110		(\$2,000,000)	(\$2,000,000)
TOTAL SOURCES:	(\$2,634,243)	(\$2,000,000)	(\$4,634,243)
<u>USE OF FUNDS</u>			
ENGINEERING 323-04-1110-5212115-296823215	\$49,810		\$49,810
ADVERTISING 323-04-1110-5233119-296823215	\$1,000		\$1,000
RAILROAD PERMIT 323-04-1110-5414610-296823215	\$0		\$0
RIGHT OF WAY 323-04-1110-5411120-296823215	\$2,459,490	\$2,000,000	\$4,459,490
UTILITIES 323-04-1110-5414510-296823215	\$0		\$0
AUGUSTA UTILITES 507043420-5212115/89800510-296823215	\$0		\$0
CONSTRUCTION 323-04-1110-5414110-296823215	\$0		\$0
SIGNALS 323-04-1110-5414610-296823215	\$0		\$0
CONTINGENCY 323-04-1110-601110-296823215	\$123,943		\$123,943
TOTAL USES:	\$2,634,243	\$2,000,000	\$4,634,243



Engineering Services Committee Meeting

10/27/2008 1:15 PM

Award Bid Item 08-097A – Draw Tape Refuse and Recycling Bags – to the lowest qualified bidder.

Department: Solid Waste

Caption: Motion to award Bid Item 08-097A – Draw Tape Refuse and Recycling Bags – to the lowest qualified bidder.

Background: The Augusta Solid Waste Department makes a concerted effort to be a good neighbor. Operating a landfill is a tricky business, and with people living and working nearby, the Solid Waste Department pays special attention to the condition of the roadways leading to the landfill as well as the condition of the property itself. Our staff spends a good deal of time each week picking up litter on the roadways on the property in order to maintain a clean facility. Additionally the Solid Waste Department is in the process of re-vamping and expanding the community outreach activities in which it participates. Currently the Solid Waste Department participates in the Great American Cleanup and Earth Day activities, but we will be participating in community cleanups as well as offering special event recycling at local festivals and community events. The purchase of these refuse and recycling bags will make these activities possible.

Analysis: The purchase of the refuse and recycling bags is necessary to the day to day operations of the solid waste department. We are required by EPD Solid Waste Rules to maintain an orderly facility with little blowing litter. In addition, we also pick up litter along Deans Bridge Road, Camp Josey Road, and Greenland Road in order to be a good neighbor and a good steward of the environment. The Procurement Department received three bids in response to bid item #08-097A, Draw Tape Refuse and Recycling Bags. Only one bid was compliant – two submitted incomplete packages. The bids were evaluated in accordance with Procurement Department requirements, and Resourceful Bag and Tag, Inc. provided the lowest cost bid for the requested items. This is a one year contract with three one year options available.

Financial Impact: Augusta will be making a one time purchase at a level of \$60,000. After that we will purchase bags in smaller quantities using the approved bidder for the duration of the bid term. Funds will need to be transferred from 542-04-4110/542210 to account 542-04-4110/5311110.

Alternatives: 1. Recommend awarding the bid to Resourceful Bag and Tag, Inc. 2. Do not approve the award.

Recommendation: Approve the award.

Cover Memo

Item # 3

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

Funds will need to be transfered from 542-04-4110/542210 to account 542-04-4110/5311110.

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.**

Re-Bid #08-097A Draw Tape Refuse & Recycling Bags for the City of Augusta - Solid Waste Department Re-Bid Opening Date: Friday, September 12, 2008 at 11:00 A.M.		
Vendors:	Bid Amount (per bag) Draw Tape <u>Trash</u> Bags	Bid Amount (per bag) Draw Tape <u>Recycling</u> Bags
Global Imports USA 6 Melnick Drive Monsey, NY 10952		
Resourceful Bag & Tag, Inc. 6420 W. 127th Street, Unit 212 Palos Heights, IL 60463	.4175	.3495
Central Poly Corporation 18 Donaldson Place Linden, NJ 07036		
Dyna Pak Corporation 112 Helton Drive Lawrenceburg, TN 38464	Non-Compliant State Regulated Immigration Forms (No Notary Signature)	
Calico Industries, Inc. P.O. Box 2008 Annapolis Junction, MD 20701		
All American Poly 2 Periman Drive, Suite 306 Spring Valley, NY 10977	Non-Compliant State Regulated Immigration Forms (Did not state # of Employees) Notary Commission Expiration Date not on Forms Local Small Business Forms Incomplete	



SOLID WASTE DEPARTMENT

Mark Johnson
Director

MEMORANDUM

TO: Ms. Geri Sams, Procurement

FROM: Mark Johnson *mj.*

DATE: September 30, 2008

SUBJECT: Re-Bid Item 08-097A – Draw Tape Refuse and Recycling Bags
Recommendation of Award

In response to Re-Bid Item 08-097A, Draw Tape Refuse and Recycling Bags, three bids were received; however, two of the three were considered noncompliant due to incomplete packages.

The re-bids were opened on September 12, 2008. The results are summarized below:

Bidder	Bid Amount – Trash Bags	Bid Amount – Recycling Bags
Resourceful Bag and Tag, Inc.	0.4175	0.3495
Dyna Pak Corporation	Non compliant	
All American Poly	Non compliant	

The proposals were evaluated based on overall cost per bag. Based on this, it is my recommendation that the contract be awarded to Resourceful Bag and Tag. There were no local firms that submitted a bid; therefore, the Local Preference Ordinance does not apply.

Thank you in advance for your time and attention. Please feel free to contact me at 706-592-3201, should you have any questions or require any additional information.

1 OCT '08 AM 11:43

CC: Lori Videtto
File

Bidders List

Attachment number 3
Page 1 of 3

Bid Item # 08-097A Cost \$ _____

#	Company Name	Complete Mailing Adresse	Date	Spec #	Initials	Mailed by
1	Central Poly Corporation 18 Donaldson Place Linden, NJ 07036 Attn: Faye Freier	(908) 862-7570 (908) 862-9019	8/18/08		SP	K.S.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Global Imports USA
6 Melnick Drive
Monsey, NY 10952

Resourceful Bag & Tag, Inc.
6420 W. 127th Street, Unit 212
Palos Heights, IL 60463

Mark Johnson
Solid Waste

Lori Videtto
Solid Waste

Yvonne Gentry
DBE Office

Tameka Allen
Deputy Administrator

RE-Bid Item #08-097A
Draw Tape Refuse & Recycling Bags
For Solid Waste Department
RE-Bid Due: Fri, 09/12/08 @ 11:00 A.M.

User: Mills, Phyllis

Organization:

City of Augusta, GA (Augusta Commission)

Logout | Help

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** ITB-08-097A-0-2008/PJM**Bid Name** Draw Tape Refuse & Recycling Bags

1 Document(s) found for this bid

7 Planholder(s) found.

[Add Planholder](#)

Supplier Name 	Phone	Fax	Doc Count	Attributes	Programs	Actions
All American Poly	7327523200	7324241560	1			Documents
Calico Industries, Inc.	3014703100	3016042419	1	1. Small Business		Documents
Central Poly Corp	9088627570	9088629019	1	1. Small Business		Documents
dyna pak	9317624016	9317661814	1			Documents
Interboro Packaging	8454572700	8454571927	1	1. Small Business 2. Woman Owned		Documents
Unipak Corp.	8888085120	7186779371	1			Documents
Unisource Worldwide, Inc.	9045887304	9043488132	1			Documents

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Engineering Services Committee Meeting

10/27/2008 1:15 PM

Award of Construction of Deans Bridge Road MSW Landfill Maintenance Facility (bid item 08-157) to the lowest qualified bidder.

Department: Solid Waste

Caption: Motion to award construction of Deans Bridge Road MSW Landfill Maintenance Facility (bid item 08-157) to the lowest qualified bidder.

Background: The facilities at the Deans Bridge Road MSW Landfill have been in place since the 1980s. The facilities are currently housed in modular trailers and open-air sheds. In addition, the current solid waste department maintenance shed is not adequate for either the equipment used at the landfill or the supplies stored there. Also, due to the distance to the current trash disposal area, the current shop area is almost two miles away. Further, the current facility does not have adequate lighting, heat, or security measures for the equipment and supplies stored there.

Analysis: The construction of the new Solid Waste Department Maintenance Facility will allow for the service of all department equipment and vehicles; and for the storage of all supplies. It is sized to service the largest landfill equipment as well as customized for the smaller vehicles. Further, the addition of locking bay doors and ventilation system will allow for the safe servicing of equipment. The Solid Waste Department received six proposals in response to bid item #08-157, Maintenance Facility for the Augusta Deans Bridge Road MSW Department. The proposals were evaluated in accordance with Procurement Department requirements, and Dabbs-Williams Contracting, Inc. provided the lowest cost bid for the requested work.

Financial Impact: Adequate funds are available for the bid amount of \$ 4,981,921.00. However, the contract amount will be \$5,480,113, which is cost plus contingency. An amount of \$5,480,113 will have to be moved from account 541-00-000/3952110 to 541-04-4210/5413130 to cover the cost of the project.

Alternatives: 1. Recommend awarding the contract to Dabbs-Williams Contracting. 2. Do not approve the award.

Recommendation: Award the contract to Dabbs-Williams Contracting.

Funds are Available in the Following Accounts: An amount of \$5,480,113 will have to be moved from account 541-00-000/3952110 to 541-04-4210/5413130 to cover the cost of the project.

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

Bid #08-157
Maintenance Facility
for The City of Augusta - Deans Bridge Road MSW Department
Bid Opening Date: Thursday, September 4, 2008 at 3:00 P.M.

Vendors:	Bid Bond	Addendums 1-3	Original + 1 Copy	Bid Amount	Alternate 1
Stewart-Corbit-Todd P.O. Box 1256 Thomson, GA 30824				Non-Compliant Partnership Agreement (Section 00413) Sub-Contractor Affidavit (Immigration Form) Local Small Business Forms	
Mabus Brothers 920 Molly Pond Road Augusta, GA 30901					
Continental Construction 4190 Crosstown Court Evans, GA 30908				Non-Compliant Contract (Section 00500) not Included	
Dabbs-Williams Contracting 319 Walnut Street Statesboro, GA 30458	Yes	Yes	Yes	\$4,981,921.00	
GSC Construction, Inc. 1727 Wrihtsboro Road Augusta, GA 30904	Yes	Yes	Yes	\$5,598,386.37	
Edgefield Construction 817 Buncombe Street Edgefield, SC 29824					
Garland & Associates 1040 Garland Drive, Ste 100 Bogart, GA 30622				Non-Compliant Conflict of Interest Statement	
Triad Construction 3800 Camp Creek Parkway Building 2600, Suite 104 Atlanta, GA 30331				Non-Compliant Partnership Agreement (Section 00413) Non-Collusion Affidavit Subcontractor (Section 00481) Contract (Section 00500) Pre-Award Oath (Section 00550)	



ATLANTIC COAST
CONSULTING, INC.

7 East Congress Street
Suite 801
Savannah, GA 31401
912.236.3471
www.atlcc.net

September 12, 2008

Mr. Mark Johnson
Augusta Richmond County
4330 Deans Bridge Road
Blythe, Georgia 30805

RE: Recommendation of Award
Deans Bridge Road MSW Landfill
Maintenance Facility

Dear Mr. Johnson,

As you are aware, Dabbs-Williams General Contractors, LLC is the apparent low bidder for the Maintenance Facility project. We have completed our review of the bid documents and find them in order. Additionally, the Bid Bond provided to Dabbs-Williams General Contractors by Westfield Insurance Company was found to comply with the requirements of Section 00410 of the Contract Documents. Westfield Insurance Company was found to be listed in the current U. S. Department of the Treasury Circular #570, licensed in the State of Georgia and carries an underwriting limitation that is greater than the Bid Bond amount.

As a result of this review, we recommend Dabbs-Williams General Contractors, LLC as the successful, responsive and responsible low bidder for the project. Once award has been made by the City, we can compile conformed Contract Documents along with the required bonds and insurance for final execution.

Please call if you have any questions or need additional information.

Sincerely,

ATLANTIC COAST CONSULTING, INC.

Robert Brown, P.E.
Project Manager

cc: file

P:\Governmental\G003-Augusta-Richmond County\106-Standby Engineering\Maintenance Bldg\Bidding\award recommendation 09-12-2008.doc



DEANS BRIDGE ROAD MAINTENANCE FACILITY AUGUSTA-RICHMOND COUNTY				DABBS-WILLIAMS GENERAL CONTRACTORS, LLC.		GSC CONSTRUCTION, INC.	
ITEM 1 - BUILDINGS							
LUMP SUM				\$2,612,958.48		\$2,742,509.00	
ITEM 2 - EROSION AND SEDIMENTATION CONTROL							
a.	1	EACH	Construction Exits	\$1,400.00 /EA	\$1,400.00	\$1,458.00 /EA	\$1,458.00
b.	4,040	L.F.	Silt Fence	\$4.00 /LF	\$16,160.00	\$3.78 /LF	\$15,271.20
c.	3	EACH	Sediment Traps	\$200.00 /EA	\$600.00	\$216.00 /EA	\$648.00
d.	100	S.Y.	Rip Rap	\$6.00 /EA	\$600.00	\$20.41 /EA	\$2,041.00
e.	100	S.Y.	Erosion Control Matting	\$6.00 /SY	\$600.00	\$2.97 /SY	\$297.00
f.	2	EACH	Stone Check Dam	\$200.00 /SY	\$400.00	\$189.00 /SY	\$378.00
g.	LUMP SUM		NPDES Monitoring and Reporting	\$6,500.00		\$1,296.00	
ITEM 3 - EARTHWORK							
a.	LUMP SUM		Site Structural Fill and Excavation	\$45,000.00		\$179,036.00	
ITEM 4 - SANITARY SEWER SYSTEM							
a.	62	L.F.	4-inch PVC	\$13.05 /EA	\$809.00	\$22.68 /EA	\$1,406.16 *
b.	157	L.F.	6-inch PVC	\$18.64 /EA	\$2,926.00	\$23.76 /EA	\$3,730.32 *
c.	770	L.F.	8-inch PVC	\$22.47 /LF	\$17,301.00	\$27.00 /LF	\$20,790.00
d.	3	EACH	Sanitary Sewer Manhole	\$1,482.67 /LF	\$4,448.00	\$2,268.00 /LF	\$6,804.00
e.	2	EACH	1500 gallon Septic Tank	\$6,734.00 /LF	\$13,468.00	\$16,200.00 /LF	\$32,400.00
f.	1	EACH	Oil/Water Separator	\$8,457.00 /SY	\$8,457.00	\$16,308.00 /SY	\$16,308.00
g.	1	EACH	Aerobic Treatment Unit	\$17,955.00 /SY	\$17,955.00	\$20,520.00 /SY	\$20,520.00
h.	315	L.F.	Infiltrator Chambers	\$18.70 /LF	\$5,890.00	\$15.12 /LF	\$4,762.80 *
i.	1	EACH	Distribution Box	\$1,375.00 /EA	\$1,375.00	\$9,828.00 /EA	\$9,828.00
j.	1	EACH	4" Three Way True Union Ball Valve	\$1,303.00 /EA	\$1,303.00	\$378.00 /EA	\$378.00
k.	1	EACH	4" Blind Flange with Line Marker	\$44.00 /EA	\$44.00	\$318.60 /EA	\$318.60
l.	2	EACH	6" Cleanouts	\$451.50 /EA	\$903.00	\$351.00 /EA	\$702.00
m.	989	L.F.	Cleanup & Testing	\$1.83 /LF	\$1,808.00	\$3.83 /LF	\$3,787.87 *
ITEM 5- LEACHATE COLLECTION SYSTEM							
a.	50	L.F.	2-Inch by 4-Inch Dual Contained Forcemain	\$24.20 /LF	\$1,210.00	\$44.28 /LF	\$2,214.00
b.	925	L.F.	4-Inch by 8-Inch Dual Contained Forcemain	\$40.33 /LF	\$37,305.00	\$72.67 /LF	\$67,219.75 *
c.	4	EACH	4-Inch Gate Valves	\$1,163.00 /EA	\$4,652.00	\$729.00 /EA	\$2,916.00
d.	2	EACH	2-Inch Gate Valves	\$748.00 /EA	\$1,496.00	\$486.00 /EA	\$972.00
e.	2	EACH	2-Inch Check Valves	\$790.50 /EA	\$1,581.00	\$318.60 /EA	\$637.20 *
f.	3	EACH	HDPE Manholes	\$7,583.33 /EA	\$22,750.00	\$10,224.00 /EA	\$30,672.00
g.	975	L.F.	Cleanup & Testing	\$1.98 /LF	\$1,930.00	\$2.78 /LF	\$2,710.50 *
ITEM 6 - STORM DRAINAGE SYSTEM							
a.	307	L.F.	18-Inch RCP	\$24.00 /LF	\$7,368.00	\$39.96 /LF	\$12,267.72 *
b.	307	L.F.	24-Inch RCP	\$30.00 /LF	\$9,210.00	\$59.40 /LF	\$18,235.80 *
c.	342	L.F.	48-Inch RCP	\$100.00 /LF	\$34,200.00	\$118.80 /LF	\$40,629.60 *
d.	1	EACH	Weir Inlets - 72"	\$9,000.00 /EA	\$9,000.00	\$3,564.00 /EA	\$3,564.00
e.	1	EACH	Weir Inlets - 120"	\$10,000.00 /EA	\$10,000.00	\$9,396.00 /EA	\$9,396.00
f.	1	EACH	Curb Inlet	\$3,000.00 /EA	\$3,000.00	\$2,376.00 /EA	\$2,376.00
g.	4	EACH	Junction Box	\$2,500.00 /EA	\$10,000.00	\$1,620.00 /EA	\$6,480.00
h.	712	L.F.	8-Inch Roof Drain	\$8.00 /LF	\$5,696.00	\$22.68 /LF	\$16,148.16 *
i.	4	EACH	6" Cleanout	\$150.00 /EA	\$600.00	\$318.60 /EA	\$1,274.40 *
j.	1	EACH	Plastic Yard Inlet	\$250.00 /EA	\$250.00	\$810.00 /EA	\$810.00
k.	2	EACH	Grate Inlet in Concrete	\$2,000.00 /EA	\$4,000.00	\$6,804.00 /EA	\$13,608.00
l.	1,017	S.Y.	Concrete Lined Ditch	\$40.00 /SY	\$40,680.00	\$70.20 /SY	\$71,393.40 *
m.	1	EACH	24-Inch Concrete Headwall	\$800.00 /EA	\$800.00	\$1,026.00 /EA	\$1,026.00
n.	1,668	L.F.	Cleanup & Testing	\$1.00 /LF	\$1,668.00	\$1.62 /LF	\$2,702.16 *



DEANS BRIDGE ROAD MAINTENANCE FACILITY AUGUSTA-RICHMOND COUNTY				DABBS-WILLIAMS GENERAL CONTRACTORS, LLC.		GSC CONSTRUCTION, INC.	
ITEM 7 - PAVEMENT							
a.	5,112	S.Y.	Asphalt Pavement	\$37.89	/SY	\$193,693.68	\$48.36 /SY \$247,216.32 *
b.	49	S.Y.	Concrete Sidewalk	\$26.25	/SY	\$1,286.25	\$4.05 /SY \$198.45 *
c.	509	L.F.	24-Inch Curb & Gutter	\$11.20	/LF	\$5,700.80	\$14.04 /LF \$7,146.36 *
d.	6,499	S.Y.	Gravel Pavement	\$10.29	/SY	\$66,874.71	\$10.85 /SY \$70,514.15 *
e.	100	S.Y.	Concrete Pavement	\$35.00	/SY	\$3,500.00	\$64.80 /SY \$6,480.00
ITEM 8 - MISCELLANEOUS UTILITIES							
a.	480	L.F.	Utility Ductbank	\$30.50	/LF	\$14,640.00	\$54.00 /LF \$25,920.00
b.	3	EACH	Electrical Manhole	\$4,570.00	/EA	\$13,710.00	\$4,834.08 /EA \$14,502.24 *
c.	100	L.F.	2-Inch PVC Conduit	\$4.70	/LF	\$470.00	\$9.18 /LF \$918.00
ITEM 9-MAJOR EQUIPMENT							
a.	2	EACH	Rotary Lifts	\$100,000.00	/EA	\$200,000.00	\$206,112.82 /EA \$412,225.64 *
b.	1	EACH	Portable Lift System	\$45,500.00	/EA	\$45,500.00	\$49,136.11 /EA \$49,136.11 *
c.	1	EACH	Welder	\$7,000.00	/EA	\$7,000.00	\$7,247.92 /EA \$7,247.92 *
d.	1	EACH	Cutting System	\$4,000.00	/EA	\$4,000.00	\$3,941.75 /EA \$3,941.75 *
e.	2	EACH	Portable Cooling System	\$3,000.00	/EA	\$6,000.00	\$2,367.82 /EA \$4,735.64 *
f.	1	EACH	Air Compressor	\$44,000.00	/EA	\$44,000.00	\$14,531.67 /EA \$14,531.67 *
g.	1	EACH	Pressure Washer	\$8,500.00	/EA	\$8,500.00	\$6,124.68 /EA \$6,124.68 *
h.	1	EACH	Parts Washer	\$6,300.00	/EA	\$6,300.00	\$7,225.97 /EA \$7,225.97 *
i.	1	EACH	Crane System	\$75,439.00	/EA	\$75,439.00	\$46,224.00 /EA \$46,224.00
ITEM 10- CASH ALLOWANCES							
a.			MATERIALS TESTING			\$15,000.00	\$15,000.00
b.			FUEL TANK & EQUIPMENT			\$175,000.00	\$175,000.00
c.			CONSTRUCTION VERIFICATION SERVICES			\$150,000.00	\$150,000.00
d.			MAINTENANCE TOOLS & EQUIPMENT			\$500,000.00	\$500,000.00
e.			FURNITURE, FIXTURES & EQUIPMENT			\$250,000.00	\$250,000.00
f.			LANDSCAPING & FENCING			\$200,000.00	\$200,000.00
g.			CONTINGENCY			\$497,941.59	\$559,834.45
ADDITIONAL WORK IF ORDERED BY THE ENGINEER							
ITEM 11- TRENCH STABILIZATION							
a.	200	C.Y.	Beyond Bedding	\$25.00	/CY	\$5,000.00	28.89 /CY \$5,778.00
ITEM 12- REMOVAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH							
a.	200	C.Y.	Suitable Earth Material	\$10.00	/CY	\$2,000.00	14.45 /CY \$2,890.00 *
b.	500	C.Y.	Crushed Stone	\$35.00	/CY	\$17,500.00	6.93 /CY \$3,465.00 *
BASE PROPOSAL TOTAL, ITEMS 1 THROUGH 12, INCLUSIVE, THE AMOUNT OF:				\$5,477,357.51 *		\$6,158,178.99 *	
ALTERNATE NO. 1 - REVISE CONTRACT TIME TO 360 DAYS				(\$20,000.00)		(\$10,000.00)	

* Indicates mathematical error corrected

Bidders List

Bid Item # 08-157 Cost \$ _____

#	Company Name	Complete Mailing Address	Date	Spec. #	Initials	Mailed by
1	McMichael's Construction Co. Inc.	770-786-3332x27	7/11/08		SP	USmail
2	90 Almon Road Covington, GA 30014-0800 Attn: Jack Moon	fax- 770-786-9805				
3	Mabus Brothers Construction Co Inc.	706-722-8941	7/11/08		SP	USmail
4	920 Molly Pond Road Augusta, GA 30901 Attn: Kevin Baldwin	fax 706-722-7521				
5						
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15						
16						

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-08-157-0-2008/PJM**Bid Name** Maintenance Facility

2 Document(s) found for this bid

15 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
A&I Sales Associates, Inc.	7704399200	7709437463	2			Documents
Atlantic Coast Consulting, Inc.	9122363471	9122363472	2			Documents
BRPH Companies, Inc.	3212547666	3212594703	2			Documents
Construction DataFax	8006272510	8008803290	1			Documents
Construction Journal, Ltd.	8007855165	8005817204	2			Documents
Diversified Industries	2294466696	2294464493	1	1. African American Owned 2. Small Business 3. Veteran Owned		Documents
Garland & Associates Contractors, Inc.	7707259000	7707258900	2			Documents
iSqFT	8772271680	8665708187	2			Documents
Onvia, Inc. - Content Department	2063739500	8882637801	1			Documents
Palmetto Site and Asphalt, LC	7064342718	7064342701	2			Documents

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User: Mills, Phyllis

Organization:

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** ITB-08-157-0-2008/PJM**Bid Name** Maintenance Facility

2 Document(s) found for this bid

15 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Stainback Public-Private Real Estate	7136213007	7136213008	2			Documents
Summit Structures (Cover-All Building Systems, Inc.)	6104328000	6104328858	2			Documents
The Walsh Group	3125635400	3125635466	2			Documents
White Consulting	7703967748	7706710038	1			Documents
Williams Associates Architects, Ltd.	6302211212	6302211220	2			Documents

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Engineering Services Committee Meeting

10/27/2008 1:15 PM

Award of Purchase of Skid-Mounted Hydroseeder for the Solid Waste Department to the Lowest Qualified Bidder (Bid Number 08-083)

Department: Solid Waste

Caption: Motion to award the purchase of Skid-Mounted Hydroseeder for the Solid Waste Department to the Lowest Qualified Bidder (Bid Number 08-083).

Background: The Augusta Solid Waste Department currently operates a tow-behind hydroseeder. This machine is ten years old and is not currently adequate for the grassing needs of the Solid Waste Facility. The Facility is required as part of the Georgia EPD Solid Waste rules as well as the Georgia Soil Erosion and Sedimentation Control rules to maintain a constant stand of grass on all disturbed acreage. Due to the landfill topography, a hydroseeder that can spray long distances, has a larger tank capacity, and is easier to operate, is required in order to maintain this compliance. The skid-mounted hydroseeder which was placed for bid will fill this role. Additionally, since it is skid-mounted, it can double as a water truck (to water the grassed areas, as well as control the dust on the Facility), and fertilizer/herbicide applicator.

Analysis: The skid-mounted hydroseeder will allow the Solid Waste facility to maintain compliance with the grassing requirements of Georgia EPD. In addition, this will be paired with the roll-off truck previously purchased and make for efficient use of one vehicle. Further, this hydroseeder is better suited for the landfill than the current tow-behind model. The Solid Waste Department received one bid in response to bid item 08-183, Landfill Skid-Mounted Hydroseeder.

Financial Impact: Adequate funds are available for the amount of \$111,186.00 for purchase of the equipment.

Alternatives: 1. Recommend purchase of the hydroseeder per submitted bid. 2. Do not approve the award.

Recommendation: Alternative 1.

Funds are Available in the Following Accounts: Funds must be moved from 541-04-4210/5413130 to 541-04-4210/5421110 in an amount of \$111,186.

Cover Memo

Item # 5

REVIEWED AND APPROVED BY:

Finance.
Procurement.
Law.
Administrator.

PORTABLE GENERATORS

LANDFILL- SKID MOUNTED HYDROSEEDER - BID OPENING 9/25/08 @ 11:00

Bid 08-183	Malcomb Industries
Year	2008
Make	Finn
Model	Titan 330
Delivery date	10 ARO
Bid Price	\$111,186.00

Bid Item #08-183 Skid Mounted Hydro Seeder for Roll Off Truck Fleet Department Bid Due: Thursday, September 25, 2008 at 11:00 a.m.					
VENDORS	YEAR	BRAND	MODEL	BID PRICE	DELIVERY DATE
Mays International 1357 Gordon Highway Augusta, GA 30901					
Volvo & GMC Trucks 3880 Jeff Adams Drive Charlotte, NC 28206					
Augusta Freightline 2930 Riverwest Drive Augusta, GA 30907					
RDK Truck Sales & Service 3214 Adamo Drive Tampa, FL 33605	No Bid Response				
Rudco South 181 Upper Lake Drive Easley, SC 29640					
EnviroWaste Equipment 5790 Powell Drive Mableton, GA 30126					
Hertz Equipment Rental 225 Brae Boulevard Park Ridge, NJ 07656	No Bid Response				
Malcom Enterprises, Inc. 5800 Oakbrook Pky, Ste A1 Norcross, GA 30093	2008	Finn	Titan 330	111,186.00	10 weeks after receipt of order



FINANCE DEPARTMENT

Donna B. Williams, CGFM
Director

Ron Crowden
Fleet Manager

MEMORANDUM

TO: MS. GERI SAMS, PROCUREMENT DIRECTOR

FROM: MR. RON CROWDEN, FLEET MANAGER

SUBJECT: REQUEST BID AWARD –BID 08-183

DATE: OCTOBER 8, 2008

Fleet Management would like to request the award of bid 08-183 to the lowest and only qualified bidder, Malcom Enterprises, Inc, of Norcross, Georgia. After thorough examination, we found all aspects of the bid contract to be in total compliance with the City's requirements.

If you have any questions or need further information, please let me know.

Best Personal Regards,

A handwritten signature in cursive script, appearing to read "Ron Crowden".

Ron Crowden
Fleet Manager

Fleet Management Division
1568-C Broad Street - Augusta, GA 30904
(706) 821-2892 - Fax (706) 821-2893
WWW.AUGUSTAGA.GOV

Bidders List

Bid Item # 08-183 Cost \$ _____

#	Company Name	Complete Mailing Address	Date	Spec #	Initials	Mailed by
1	Malcom Enterprises, Inc. 5800 Oakbrook Parkway, Ste A1 Norcross, GA 30093 Attn: James Claxton	770-448-0805 770-448-7806 Fax	9/11/08		SP	US
2						
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Mays International
1357 Gordon Highway
Augusta, GA 30901
Attn: Ray Adams

Volvo and GMC Trucks
3880 Jeff Adams Drive
Charlotte, NC 28206
Attn: Bruce Stadler

Augusta Freightline Sterling
2930 Riverwest Drive
Augusta, GA 30907
Attn: John Kennedy

RDK Truck Sales & Service
3214 Adamo Drive
Tampa, FL 33605

Rudco South
181 Upper Lake Drive
Easley, SC 29640
Attn: Jim Reeves

EnviroWaste Equipment
5790 Powell Drive
Mableton, GA 30126
Attn: Ed Heck

Hertz Equipment Rental
225 Brae Boulevard
Park Ridge, NJ 07656

Tameka Allen
Interim Deputy Director

Yvonne Gentry
DBE

Ron Crowden
Fleet Management

Russell Sanders
Fleet Management

Bid #08-183
Skid Mounted Hydro Seeder for Roll off Truck
FLEET MANAGEMENT
Bid Due: Thursday, 9/25/08 @ 11:00 a.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** ITB-08-183-0-2008/PJM**Bid Name** Skid Mounted Hydro Seeder fro Roll off Truck

1 Document(s) found for this bid

2 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
McGraw-Hill Construction Dodge	2399392525	2399392331	1			Documents
Pat's Pump & Blower	8003597867	4076482096	1			Documents

Page 1 of 1

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**Engineering Services Committee Meeting
10/27/2008 1:15 PM
Belfair Lakes, Section I**

Department: Engineering-Abie L. Ladson, P.E., Director

Caption: Approve the Deeds of Dedication, Road Resolutions and License Agreement submitted by the Engineering, and Augusta Utilities Departments for Belfair Lakes, Section I.

Background: The final plat was approved by the Commission on December 18, 2001 . The subdivision design and plat, including the storm drain system, have been reviewed and accepted by our engineering staff and the construction has been reviewed by our inspectors. The Utilities Department has inspected and reviewed the water and sanitary sewer installations, and hereby requests acceptance of the utility deed of same.

Analysis: This section meets all codes, ordinances and standards. Portions of this subdivision lie within the jurisdiction boundaries of the Corps of Engineers wetlands, which are noted on the final plat. Acceptance of said utility deed shall dedicate, as required, the water and sanitary sewer mains along with the applicable easements to Augusta, Georgia, for operation and maintenance.

Financial Impact: By accepting these roads, water and sanitary sewer installations into the County system, all future maintenance and associated costs will be borne by Augusta, Georgia. By acceptance of the utility deed, positive revenue will be generated from the sale of water and sanitary sewer taps and monthly billing of same.

Alternatives: 1. Approve the Deeds of Dedication, Road Resolutions and License Agreement submitted by the Engineering, and Augusta Utilities Departments for Belfair Lakes, Section I. 2. Do not approve and risk litigation.

Recommendation: Approve Alternative Number One.

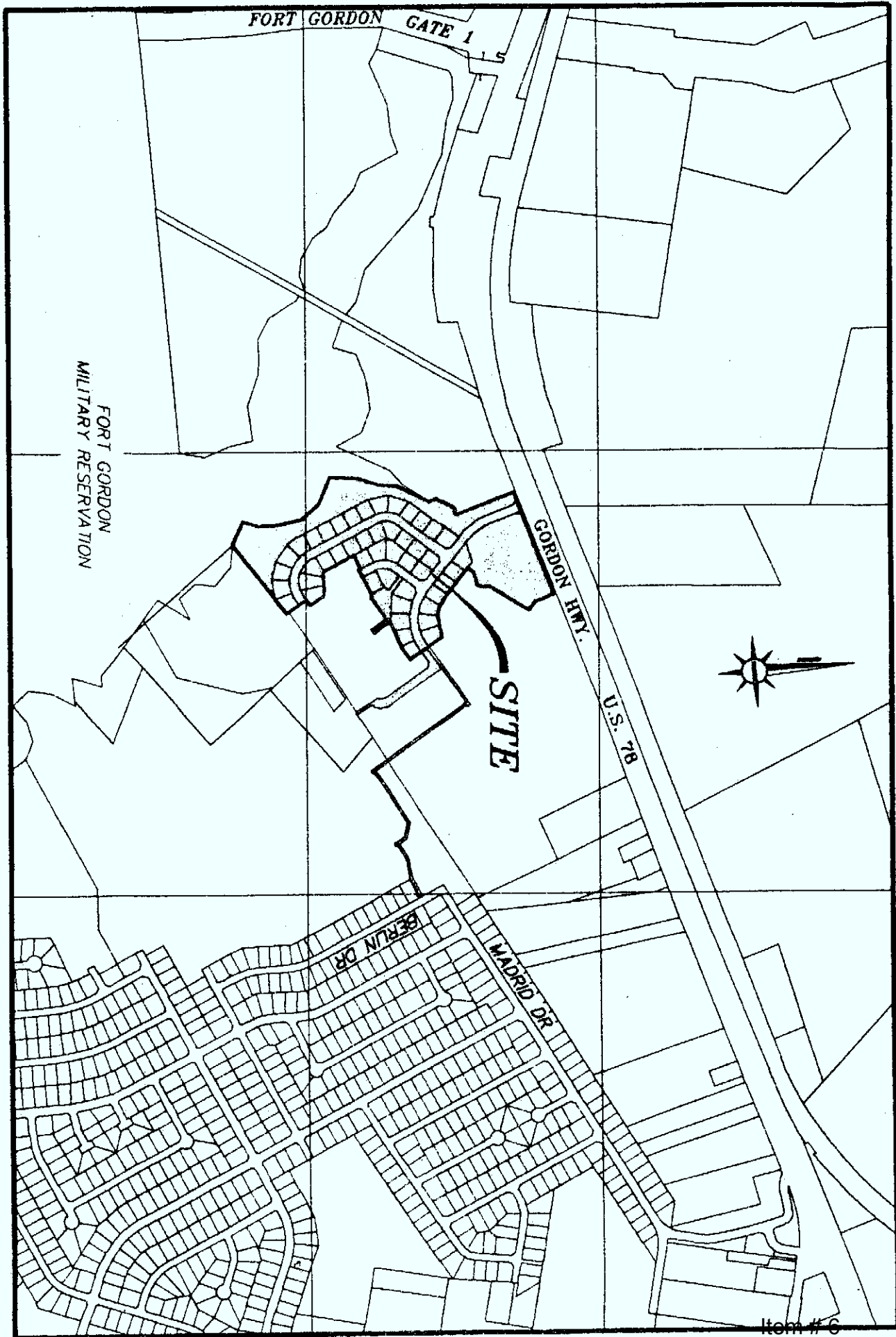
Funds are Available in the Following Accounts: Not required at this time.

REVIEWED AND APPROVED BY:

Cover Memo

Item # 6

Finance.
Law.
Administrator.



SITE LOCATION MAP



ENGINEERING DEPARTMENT

Abie L. Ladson, P.E., Director

Anthony (Tony) E. Williams,
Construction Manager

MEMORANDUM

To: George Patty
Director Planning and Zoning

From: Anthony (Tony) E. Williams, Construction Manager *AEW*

Date: Thursday, September 18, 2008

Subject: Certificate of Completion
Dedication of Belfair Lakes, Section 1
File reference: 2008 – 05 (A)

As required by Development Guideline Document 3, Article II – Section 202 of Augusta, Georgia Municipal Code, you are hereby advised, based upon site observation that this project consisting of roadway and storm drainage construction appears to be in compliance with all standards and specifications set forth in said documents. Therefore, the names of all streets and drainage related structures in subject development are hereby recommended for acceptance into the City of Augusta infrastructure system.

Thank you for your assistance on this matter. Please call if you have any questions or need additional information, 706-821-1706.

AEW

Attachment

cc: Abie L. Ladson, P.E., Director - Engineering Department
Hameed Malik, PhD., P.E., Assistant Director – Engineering Department
Michael Greene, Interim Director Public Services
Dennis Stroud, Assistant Director Public Services
Terri Turner, Planning & Zoning
File

STATE OF GEORGIA)
)
RICHMOND COUNTY)

DEED OF DEDICATION
(Roads and Storm Drainage)

WHEREAS, Southeastern Family Homes, Inc., owns a tract of land in Augusta, Georgia known as **Belfair Lakes, Section 1**, and in the building of a housing subdivision on said tract, it has laid out a storm drainage system, water distribution system, road and street system, and sanitary sewerage system; and,

WHEREAS, it is the desire of **Southeastern Family Homes, Inc.,** to deed the closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system to Augusta, Georgia, a political subdivision of the State of Georgia acting by and through its Commission for maintenance and control; and

WHEREAS, a plat of **Belfair Lakes, Section 1**, has been prepared by **James G. Swift & Associates**, dated **October 25, 2001**, last revised 11/30/01, and said plat has been recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in ^{Plat Cabinet C, Slide 13} ~~Deed Reel~~ 1, pages Plat F; and to which reference is hereby made to said plat for a more complete and accurate description as to the land herein described; and

WHEREAS, Augusta, Georgia, by and through its Commission has consented and agreed to accept and maintain said closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system.

NOW, THEREFORE, this indenture made this _____ day of _____, 2008 between **Southeastern Family Homes, Inc.,** hereinafter referred to as the party of the first part and Augusta, Georgia, **A POLITICAL SUBDIVISION**, by and through its Commission, hereinafter referred to as the party of the second party,

W I T N E S S E T H

That the party of the first part for and in consideration of the sum of Ten and no/100 (\$10.00) Dollars, to it in hand well and truly paid by the said party the second part at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged and for the further consideration of the benefits to its property by the maintenance of said closed (piped) storm water system, water

distribution system, road and street system, sanitary sewerage system, and retention area, by the party of the second part, has and does by these presents, grant, bargain, sell and confirm unto the said party of the second part, its successors and assigns, the following, to wit:

All the right, title and interest of the Party of the First Part in and to the storm drainage system, water distribution system, road and street system, and sanitary sewerage system as the same are now located and existing in **Belfair Lakes, Section 1**, shown on a plat of said subdivision, which plat was prepared by James G. Swift & Associates and which plat is recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in Deed Reel _____, Pages _____.

Together with all of the necessary rights of ingress and egress for the purpose of maintaining the described closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system. This deed is subject to any utility easements which have been granted in the past and all telephone lines, gas lines, or power lines for the transmission of electricity which has been granted in the past and the Grantor herein reserves an easement over the closed (piped) storm water system, water distribution system, road and street system, and sanitary sewerage system, as shown on aforementioned plat by James G. Swift & Associates, herein conveyed for the purpose of the maintenance and installation of power lines for the transmission of electricity, telephone lines, and gas lines for the purpose of serving said subdivision and the property adjacent thereto.

TO HAVE AND TO HOLD said storm drainage system, water distribution system, road and street system, and sanitary sewerage system together with all and singular, the rights, members, appurtenances thereto to the same being, belonging, or in anywise appertaining to the only proper use, benefit and behoof of the said party of the second part, its successors and assigns forever in fee simple.

AND the said party of the first part, its successors and assigns, will warrant and defend the right and title to the above described property, to the said party of the second part, its successors and assigns, against all claims of all persons whosoever.

IN WITNESS WHEREOF, the party of the first part has hereunto sets its hand and affixed its seal
the day and year first above written.

Signed, sealed and delivered
in the presence of:

Suzanne M. Hyden
Ashley V. Musselwhite
Notary Public
Richmond County, Georgia
Commission expires: _____

ASHLEY V. MUSSELWHITE
NOTARY PUBLIC, RICHMOND COUNTY, GEORGIA
MY COMMISSION EXPIRES SEPT. 18, 2010

Southeastern Family Homes, Inc.

By: [Signature]
Victor J Mills
As Its: President

Date: _____

**Accepted by Augusta, Georgia
by and through its Commission**

By: _____
as the Mayor

COB
10/6/08

Attest: Clerk of Commission

This License Agreement ("Agreement") is made and entered into as of this 15th day of September, 2008, by and between SOUTHEASTERN FAMILY HOMES, INC., a Georgia corporation ("Licensor") and AUGUSTA, GEORGIA, a political subdivision of the State of Georgia ("Licensee").

WITNESSETH:

WHEREAS, Licensee owns or has rights in those certain roads located in Richmond County, Georgia in Belfair Estates, Section I, as more particularly shown on a certain plat thereof prepared by James G. Swift & Associates dated October 25, 2001, revised 11/30/01, and recorded in the Office of the Clerk of Superior Court for Richmond County, Georgia at Plat Cabinet C, Slide 13 Plat F, incorporated herein by reference ("Roadway Property"); and

Whereas Licensor owns that certain tract or parcel of land located in Richmond County, Georgia lying adjacent to or near the Roadway Property and being shown and designated as "Retention Area (Private)" on the aforesaid plat ("Retention Area"); and

Whereas, Licensor has agreed to grant Licensee a non-exclusive License to use the Retention Area for storm water drainage of the Roadway Property and, in the event that the Licensor fails to maintain the Retention Area, a non-exclusive easement over, under and through the Retention Area for such purposes; and

Whereas, the parties have agreed to the granting of such a license in accordance with the terms and conditions set forth herein;

NOW, THEREFORE, Licensor, for and in consideration of the sum of Ten Dollars and other good and valuable consideration, the receipt and the sufficiency of which is hereby acknowledged, does hereby agree as follows:

1. Licensor, subject to the reservations herein set forth, does hereby grant and convey to the Licensee, its successors-in-title and assigns, an irrevocable license, right and privilege ("License") over, under and across the Retention Area

a) to utilize the Retention Area for storm water drainage of the Roadway Property; and

b) in the event that the Licensors fail to maintain the Retention Area, a license over, under and through the Retention Area as is reasonably required for ingress and egress for such maintenance and repair to maintain and repair the Retention Area. The reasonable costs of such maintenance and repair shall be paid by Licensors within thirty (30) days of receipt of an invoice for the same from the Licensee and shall constitute a lien against the Retention Area in the event that the same is not timely paid by the Licensors.

c) Licensee shall not have the right to grant to any other person or entity any or all of the rights, privileges and licenses conveyed to Licensee under this License Agreement.

2. Reservation of Use Rights. The uses permitted under this License and the use of the Retention Area shall be in common with the use thereof by the Licensors and its successors and assigns, which rights are reserved by the Licensors. Licensors may use the Retention Area for any use consistent with the License.

3. Restrictions. Licensee shall not dispose of or permit the disposal of hazardous materials into the Retention Area, nor shall it overburden it.

4. Licensee's Liability. Licensee shall be responsible for its own negligence or acts arising out of the use of the Retention Area or its exercise of any other rights created hereunder and any and all actions, suits and proceedings in connection with any claim or demand arising therefrom.

5. Term. The term of this License shall be for 99 years commencing with the date hereof, unless otherwise extended by the parties.

6. Notices. Notices between the parties hereto in connection with the License shall be in writing and delivered by U.S. Mail or by hand to the following addresses, and shall be deemed given on receipt:

Licensors:

Southeastern Family Homes, Inc.
2743 Perimeter Parkway
Building 100, Suite 370
Augusta, GA 30909

Licensee:

Augusta-Richmond County, Georgia
C/O _____

Augusta, GA 30901

7. Governing Law. This Agreement shall be construed in accordance with the laws of the State of Georgia. Time is of the essence hereof.

8. Release upon Transfer. If Licensors shall convey, transfer, assign or otherwise dispose of its interest in the Retention Area, it shall thereupon be released and discharged from any and all liabilities and obligations for the breach of any agreement occurring after the date of such conveyance, transfer, assignment or other disposition, and such liabilities and obligations shall thereafter be binding upon the successor in title to Licensors.

In witness whereof, Licensor and Licensee have caused this Agreement to be duly executed and delivered by and through their authorized officials and their seals affixed, the day and the year first above written as the date hereof.

Signed, sealed and delivered on
the 15 day of September, 2008,
in the presence of:

Stephanie M. Hyden
Unofficial Witness

Ashley V. Musselwhite
Notary Public, State of Georgia

My Commission Expires:

ASHLEY V. MUSSELMWHITE
NOTARY PUBLIC, RICHMOND COUNTY, GEORGIA
MY COMMISSION EXPIRES SEPT. 18, 2010

SOUTHEASTERN FAMILY HOMES, INC.

By: [Signature]
As its President

Signed, sealed and delivered on
the ___ day of September, 2008,
in the presence of:

Unofficial Witness

Notary Public, State of _____

My Commission Expires:

AUGUSTA, GEORGIA

By: _____
As its Mayor

By: _____
As its: _____

City
10/8/08

SUBDIVISION: Belfair Lakes, Section I

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Belfair Lakes is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Belfair Lakes a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Belfair Lakes is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Gordon Highway
Extending approx. 1314' SE and then E
- (b) Length of road to nearest 1/100th mile:
0.24 mile
- (c) Width & type of road surface:
31' from back of curb to back of curb;
and from back of raised edge asphalt to
back of raised edge asphalt; type E asphalt
- (d) Right-of-Way:
60' foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

cc
10/6/08
Item # 6

SUBDIVISION: Belfair Lakes, Section I

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Waterfront Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Waterfront Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Waterfront Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Belfair Lakes
Extending approx. 1488' SW & S, then E
- (b) Length of road to nearest 1/100th mile:
0.28 mile
- (c) Width & type of road surface:
31' from back of curb to back of curb;
and from back of raised edge asphalt to
back of raised edge asphalt; type E asphalt
- (d) Right-of-Way:
60' foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

ces
10/6/08

SUBDIVISION: Belfair Lakes, Section 1

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Overlook Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Overlook Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Overlook Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Belfair Lakes
Extending approx. 512' SW & S
- (b) Length of road to nearest 1/100th mile:
0.09 mile
- (c) Width & type of road surface:
31 foot from back of raised edge asphalt to
back of raised edge asphalt; type E asphalt
- (d) Right-of-Way:
60' foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20 ____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

CSG
10/6/08

STATE OF GEORGIA) DEED OF DEDICATION (UTILITY)
COUNTY OF RICHMOND) FOR Belfair Lakes, Section I

THIS INDENTURE, made and entered into this ____ day of _____, 2____, between the **Southeastern Family Homes, Inc.** hereinafter referred to as the Party of the First Part, and **AUGUSTA, GEORGIA**, a political subdivision of the State of Georgia, hereinafter referred to as the Party of the Second Part;

WITNESSETH:

THAT the said Party of the First Part, for and in consideration of the sum of Ten Dollar and no/100 (\$10.00) in cash to it in hand paid by the Party of the Second Part, the receipt of which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and other good and valuable considerations, has granted, bargained, sold, released, conveyed and confirmed unto the said Party of the Second Part, its successors and assigns the following described property, to-wit:

AN EASEMENT IN PERPETUITY UNDER, ACROSS AND THROUGH the approximately marked strips of land, together with the pipelines and appurtenances located therein, which are delineated on a plat prepared for Southeastern Family Homes, Inc. by James G. Swift & Associates dated October 25, 2001, last revised 11/30/01 which plat reference is made for a more complete and accurate description as to the metes, bounds and location of said easements, and said plat has been attached hereto and by reference made a part thereof;

SAID EASEMENT BEING IN THE NATURE of a right-of-way for the purpose of laying, relaying, installing, extending, operating, repairing, and maintaining pipelines transporting and carrying utility services, the same hereinafter being referred to as the **"PROJECT;"**

TOGETHER WITH THE RIGHT, when construction or maintenance is necessary, to dig such trenches in said property, as described by the deed, as may be necessary for the project; to pile thereon the material excavated, and to haul pipe, supplies and equipment connected with the construction and maintenance thereof, over, along, and across the said property.

THE PARTY OF THE FIRST PART, his heirs, legal representatives, and assigns, after the completion of the **PROJECT**, shall have the right to use said parcel in any manner not inconsistent or interfering with the rights herein granted, **EXCLUDING** the right to erect, construct, or maintain thereon any buildings or permanent improvements.

AS A PART of the consideration for said conveyance, the Party of the Second Part covenants as follows:

(a) To cause the top of the pipelines to be laid a sufficient depth below the surface of the ground so as to permit the use of the surface thereof by the Party of the First Part for normal agricultural purposes; however in the case of ravines, streams or low places on the property, the Party of the Second Part may install the pipelines above the ground, provided that the pipelines shall be laid and maintained so as not to interfere with the natural flow of the surface water or any streams thereon;

(b) To refill the trenches it shall dig in connection with repairs, construction, maintenance, or extension, so as to leave the land available and ready for ordinary purposes of agriculture;

(c) To exercise the right of extending, making repairs to and maintain said property in a careful and skillful manner, avoiding unnecessary damage to any crop, plants, shrubs or trees growing upon said parcel of land, and in case of any such unnecessary damage, to compensate the Party of the First Part for such damage; and

(d) To give reasonable notice to the Party of the First Part of its intention to enter the said property in the exercise of the rights herein conferred except in cases of emergency.

TO HAVE AND TO HOLD the aforesaid rights, ways, easements, privileges and appurtenances unto the said Party of the Second Part, its successors and assigns, in perpetuity.

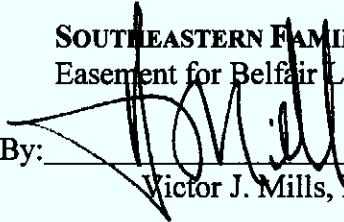
AND THE SAID PARTY OF THE FIRST PART, his heirs and legal representatives shall and will forever warrant and defend unto the Party of the Second Part, his successors and assigns, the rights, ways, and easements, privileges, and appurtenances conveyed herein, against the claim or claims of any person or person whomsoever.

WHENEVER there shall be more than one grantor, the phrase "Party of the First Part" and all related pronouns, related pronouns and verbs shall read as if written in the plural form, and when appropriate such phrase and related pronouns and relative pronouns shall be read as if written in the feminine or neuter, and when the grantor is a corporation, the word "successor" shall be substituted for the words "heirs" and "legal representatives" at the appropriate place or places.

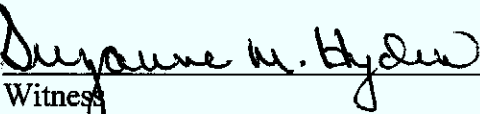
IN WITNESS WHEREOF, the said Party of the First Part has caused these presents to be executed the day and year first above written as the date of these presents.

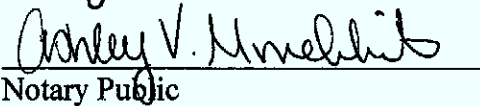
SIGNED, SEALED, AND DELIVERED in our presence:

SOUTHEASTERN FAMILY HOMES, INC.
Easement for Belfair Lakes, Section I

By: 
Victor J. Mills, President

Date: _____


Witness


Notary Public

My Commission Expires _____

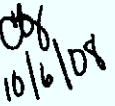
ASHLEY V. MUSSELWHITE
NOTARY PUBLIC, RICHMOND COUNTY, GEORGIA
MY COMMISSION EXPIRES SEPT. 19, 2010

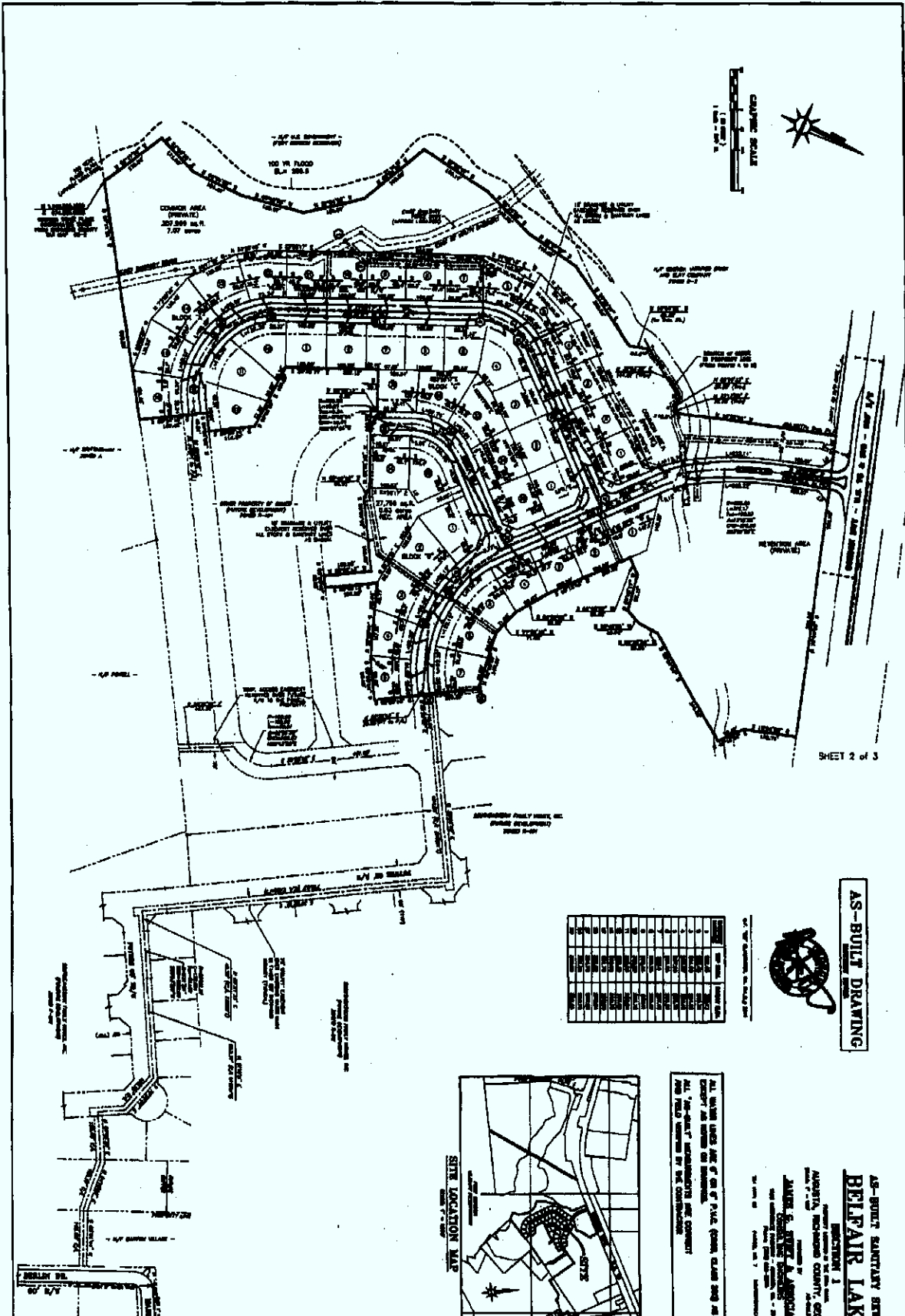
Accepted by:

AUGUSTA, GEORGIA

By: _____
As Its Mayor

Attest: _____
Administrator


10/6/08





Engineering Services Committee Meeting

10/27/2008 1:15 PM

Condemnation -Permanent and Temporary Construction Easements Paul C. Smith (deceased) and Frances W. Smith

Department: Attorney

Caption:

Motion to authorize condemnation to acquire title of a portion of property, designated as Tax Map 5 the Belair Hills Subdivision Improvement Project, for a permanent and temporary easement.

Background:

The City has been unable acquire the necessary easements due to title issues. In order to proceed and avoid delays, it is necessary to condemn a portion of subject property. The required property consists of 4 permanent drainage, utility and maintenance easement and 5,934 square feet of temporary construction easement. The appraised value of the easements is \$639.00.

Analysis:

Condemnation is necessary in order to acquire the easements.

Financial Impact:

The necessary costs will be covered by the project budget.

Alternatives:

Deny condemnation.

Recommendation:

Approve condemnation.

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

Belair Hills Estates Subdivision Improvement Project 324041110-5411120/203824335-5411120

REVIEWED AND APPROVED BY:

**Law.
Administrator.
Clerk of Commission**



Engineering Services Committee Meeting
10/27/2008 1:15 PM
Construction & Maintenance Amendment to include Speed Humps

Department: Abie L. Ladson, PE, Director

Caption: Motion to approve an ordinance to amend Title Seven, Article 2 of the Augusta-Richmond County Code titled "Construction and Maintenance" so as to add a provision for speed humps, to provide the guidelines for the construction, installation, and maintenance of speed humps for public and residential streets, to repeal all ordinances in conflict herewith; to provide an effective date and for other purposes as requested by the Traffic Engineering Department.

Background: In response to numerous complaints concerning speeding in neighborhoods, the Augusta-Richmond County (Augusta) Engineering Department has studied other communities and how they have addressed residential speeding problems. One popular and cost effective measure is the installation of speed humps. When properly designed and installed along with strong community support, speed humps have been proven to be effective at reducing speeds in neighborhoods. After much experimentation and testing, the use of speed humps has been formally endorsed by transportation authorities worldwide. In the United States, a policy on the use of speed humps has been developed by a special committee of the Institute of Transportation Engineers. The following policy was adopted by the Augusta-Richmond County Commission pursuant to 2-5-16 of the Augusta-Richmond County Code for the citizens of Augusta who want to pursue the installation of speed humps for their neighborhoods.

Analysis: n/a

Financial Impact: The goal of this program is that it be a self-supporting by creating special assessment districts that will pay annual fees for maintenance. However, initial installation would be funded through capital outlay and reimbursed through the special districts.

Alternatives: Motion to approve an ordinance to amend Title Seven, Article 2 of the Augusta-Richmond County Code Titled "Construction and Maintenance" so as to add a provision for speed humps, to provide the guidelines for the construction, installation, and maintenance of speed humps for public and residential streets, to repeal all ordinances in conflict herewith; to provide an effective date and for other purposes as requested by the Traffic Engineering Department. 2) do not approve

Recommendation: Approve

Cover Memo

Item # 8

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

272041710/5414610

REVIEWED AND APPROVED BY:

Finance.

Law.

Administrator.

ORDINANCE NO. _____

AN ORDINANCE TO AMEND TITLE 7 ARTICLE 2 AUGUSTA-RICHMOND COUNTY CODE TITLED "CONSTRUCTION AND MAINTENANCE" SO AS TO ADD A PROVISION FOR "SPEED HUMPS," TO PROVIDE THE GUIDELINES FOR THE CONSTRUCTION, INSTALLATION, AND MAINTENANCE OF SPEED HUMPS FOR PUBLIC AND RESIDENTIAL STREETS, TO REPEAL ALL ORDINANCES IN CONFLICT HERewith; TO PROVIDE AN EFFECTIVE DATE AND FOR OTHER PURPOSES.

WHEREAS, the Augusta-Richmond County Commission strives to promote safe driving habits and to improve the public safety standards for its residents in an effort to minimize the frustrations of its citizens concerned with the automobile travel speeds in their neighborhoods; and

WHEREAS, the citizens of Augusta-Richmond County seek to eliminate speeding in its residential areas, which threatens the health and safety of its communities; and

WHEREAS, speed humps have been shown to be effective in other jurisdictions within the State of Georgia and have proven to reduce travel speeds and increase the safety of the areas where installed; and

WHEREAS, the Augusta-Richmond County Commission desires to install speed humps to reduce travel speeds on community streets; and

WHEREAS, the evaluation for the installation of speed humps will be made in accordance with certain transportation engineering criteria set forth by the Traffic Engineering Division of the Augusta-Richmond County Engineering Department;

THE AUGUSTA-RICHMOND COUNTY COMMISSION hereby ordains as follows:

SECTION 1. That Title Seven Article Two of the AUGUSTA, GA. CODE §§7-3-8 through 7-3-10 be amended to add speed humps to the ordinance as set forth in Exhibit "A" attached hereto.

SECTION 2. This ordinance shall become effective upon its adoption in accordance with applicable laws.

SECTION 3. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

Adopted this _____ day of _____, 2008.

David S. Copenhaver
As its Mayor

Attest:

Lena J. Bonner, Clerk of Commission

Seal:

CERTIFICATION

The undersigned Clerk of Commission, Lena J. Bonner, hereby certifies that the foregoing Ordinance was duly adopted by the Augusta-Richmond County Commission on _____, 2008 and that such Ordinance has not been modified or rescinded as of the date hereof and the undersigned further certifies that attached hereto is a true copy of the Ordinance which was approved and adopted in the foregoing meeting(s).

Lena J. Bonner, Clerk of Commission

Published in the Augusta Chronicle.

Date: _____

Repealed.

Sec. 7-3-8. Conditions.

~~The construction or maintenance of any streets, roads, sidewalks, curbs, storm water systems and sewer systems in Augusta-Richmond County may be done by Augusta-Richmond County upon approval of the Augusta-Richmond County Commission when seventy-five (75) percent of the owners of the property abutting such improvements shall consent thereto and agree to be assessed for the cost thereof on a pro rata basis as provided for herein.~~

Sec. 7-3-9. Required development.

~~No construction or improvement of any streets, roads, sidewalks, or curbs in Augusta-Richmond County may be done by Augusta-Richmond County unless the property adjacent to the street, road, sidewalk or curb is eighty (80) percent developed. The required development herein shall be determined by the following formula: The front footage of all lots or parcels adjacent to the street, road, curb or sidewalk being installed or improved shall be totaled, and the total front footage of all lots or parcels shall be divided into the total front footage of all lots or parcels with improvements thereon to arrive at the percentage of development.~~

Sec. 7-3-10. Assessment of cost.

~~The Augusta-Richmond County Commission assess the entire cost of such improvements, or any portion thereof, as determined by the Commission, against such abutting property owners; however, no assessment shall be made against the abutting property owners unless the same is consented to in writing by the owners of seventy-five (75) percent of the property abutting such improvements.~~

Sec. 7-3-8. Conditions.

The construction or maintenance of any streets, roads, sidewalks, curbs, speed humps, storm water systems and sewer systems in Augusta-Richmond County may be done by Augusta-Richmond County upon approval of the Augusta-Richmond County Commission when seventy-five (75) percent of the owners of the property abutting such improvements shall consent thereto and agree to be assessed for the cost thereof on a pro rata basis as provided for herein.

- (a) The Traffic Engineering Division will process the speed hump policy, and will conduct the necessary studies to determine whether a street is eligible for street humps

Sec. 7-3-9. Required development.

No construction or improvement of any streets, roads, sidewalks, speed humps or curbs in Augusta-Richmond County may be done by Augusta-Richmond County unless the property adjacent to the street, road, sidewalk or curb is eighty (80) percent developed. The required development herein shall be determined by the following formula: The front footage of all lots or parcels adjacent to the street, road, curb or sidewalk being installed or improved shall be totaled, and the total front footage of all lots or parcels shall be divided into the total front footage of all lots or parcels with improvements thereon to arrive at the percentage of development.

Sec. 7-3-10. Assessment of cost.

The Augusta-Richmond County Commission assess the entire cost of such improvements, or any portion thereof, as determined by the Commission, against such abutting property owners; however, no assessment shall be made against the abutting property owners unless the same is consented to in writing by the owners of seventy-five (75) percent of the property abutting such improvements.



Augusta-Richmond County Speed Hump Policy

I. Background

In response to numerous complaints concerning speeding in neighborhoods, the Augusta-Richmond County (Augusta) Engineering Department has studied other communities and how they have addressed residential speeding problems. One popular and cost effective measure is the installation of speed humps.

When properly designed and installed along with strong community support, speed humps have been proven to be effective at reducing speeds in neighborhoods. After much experimentation and testing, the use of speed humps has been formally endorsed by transportation authorities worldwide. In the United States, a policy on the use of speed humps has been developed by a special committee of the Institute of Transportation Engineers.

The following policy was adopted by the Augusta-Richmond County Commission pursuant to 2-5-16 of the Augusta-Richmond County Code for the citizens of Augusta who want to pursue the installation of speed humps for their neighborhoods

II. Policy Overview

The objective of the Augusta Speed Hump Policy is to provide a process whereby property owners in subdivisions or neighborhood areas may request the installation of speed humps on residential street(s) with a maximum posted speed limit of twenty-five (25) miles per hour and a minimum length of one thousand (1000) feet. For a request to be considered, the requirements set forth in this Policy must be met.

III. Property Owner Request

Any property owner may request that Augusta consider the installation of speed humps on the street where their property is located. Such a request shall be submitted in writing to the Augusta-Richmond County Commissioner of the district where the subject street(s) is located. The Commissioner will forward the request to the Augusta Engineering Department.

IV. Traffic Study

Upon receipt of the request from the Commissioner, the Traffic Engineering Section shall perform an initial screening to determine if the subject the street is a public street with a posted speed limit of twenty-five (25) miles per hour and a minimum length of one thousand (1000) feet.

Augusta Speed Hump Policy
Page 2 of 4

If the above criteria are met, Traffic Engineering will perform a speed-volume study to determine whether the 85th percentile traffic speed on the street is 11 mph or more over the posted speed limit and whether the average daily traffic is between 400 and 4000 vehicles.

V. Speed Hump Petition

(A) After the above speed-volume study has been completed, the Traffic Engineering will develop a proposed speed hump layout that will be presented at a public meeting. A notice setting forth the time, date, and place of the meeting will be posted at the meeting site and mailed to the property owner that made the initial request under Section II above at least seven calendar days prior to the meeting. Speed hump petition form(s) will be made available at the meeting.

(B) Minor changes in the proposed speed hump layout may be considered based upon property owners' concerns at the public meeting and the engineering feasibility to make such modifications.

(C) Should the property owner(s) desire to continue the process after the meeting and seek the necessary Commission approval, it is the responsibility of the property owner(s) to distribute the petition forms and receive the requisite signatures. Such petitions must be in the form set forth by Augusta Engineering Department.

(D) If the speed volume study reveals that the 85th percentile traffic speed on the subject street(s) is 11 mph or more over the posted speed limit of 25 miles per hour and that the average daily traffic is between 400 and 4000 vehicles, the owners of at least 75% of the properties which are both adjacent to the street where the speed humps are being proposed and within 100 yards of any proposed speed hump must approve of their installation, as set forth in the speed hump layout presented at the public meeting referenced above, or as it may have been amended at such meeting, by properly signing the petition. Only petitions that meet these requirements and that are submitted to the Traffic Engineering Section within three (3) months of the public meeting will be presented to the Commission for consideration. No changes will be allowed to petitions once they are submitted to Traffic Engineering. Petitions that do not meet the requirements of this policy or that are not received within three (3) months of the meeting shall not be considered.

(E) Collection of petition signatures is solely the responsibility of the neighborhood and/or its representatives.

(F) If the speed-volume study reveals that the prevailing 85th percentile speed on the subject street(s) is not 11 mph or more over the posted speed limit of 25 miles per hour or if the average daily traffic is less than 400 vehicles or more than 4000 vehicles, the owners of at least 90% of the properties which are both adjacent to the street(s) where the speed humps are being proposed and within 100 yards of any proposed speed hump must approve of their installation, as set forth in the speed hump layout presented at the public meeting referenced above, or as it may have been amended at such meeting, by properly signing the petition. Only petitions that meet these

Augusta Speed Hump Policy
Page 3 of 4

requirements and that are submitted to Traffic Engineering within three (3) months of the public meeting will be presented to the Commission for consideration. No changes will be allowed to petitions once they are submitted to Traffic Engineering. Petitions that do not meet the requirements of this policy or that are not received within three (3) months of the meeting shall not be considered.

(G) Only signatures of the legal owner(s) of the properties that are adjacent to the street where the speed humps are being proposed shall be valid and considered in calculating the requisite percentages. In the case of multiple owners, each owner must sign. Rental tenants are not acceptable substitutes. Each lot, regardless of the number of owners, counts as one vote. However, owner(s) of more than one lot on the subject street(s) shall be given one vote for each lot owned. To determine whether the requisite percentage is met, the total number of lots whose owner(s) voted in favor of installation by signing the petition shall be divided by the total number of lots that are adjacent to the street(s) or within 100 yards of where speed humps are being proposed. All signatures on the petition are subject to verification by Traffic Engineering.

VI. Augusta-Richmond County Commission Approval

If the requisite percentage of property owners, as set forth above, approve of the proposed speed hump installation by properly signing the petition, the Traffic Engineering Section shall place it as an item on the agenda of the next possible Engineering Services Committee meeting and subsequent Commission meeting for its consideration. Speed humps will be installed only if the Commission approves of their installation. If approved by the Commission, the speed humps shall be installed pursuant to the speed hump layout, as proposed at the public meeting referenced in Section IV, or as it may have been amended at such meeting after considering any property owner concerns.

VII. Funding and Installation of Speed Humps

If approved by the Commission, the installation of speed humps shall be funded and installed by Augusta. Installation will occur as soon as possible after approval unless funding is unavailable in which case installation will be performed at earliest possible convenience once funding is made available.

VIII. Subsequent Study or Petition Requests

In the case of a Petition that fails to meet the requirements of this Policy, property owners must wait at least two (2) years after the initial request before requesting that Traffic Engineering conduct another study of that same street(s).

IX. Removal Process

(A) Property owners may request the removal of speed humps by submitting a petition requesting their removal to Traffic Engineering. However, petitions to remove speed humps will only be presented to the Commission for consideration if the speed humps have been installed for a minimum of one year. Furthermore, before the request can be brought before the Augusta-Richmond County Commissioner, the owners of at least 70% of the properties which are both

Augusta Speed Hump Policy
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adjacent to the street(s) where the speed humps are installed and within 100 yards of any installed speed hump must approve of their removal by signing the removal petition. The petition must set forth the petitioner's desire to have the speed humps removed and must set forth the street(s) where the subject speed humps are located.

(B) Only signatures of the legal owner(s) of the properties that are adjacent to the streets where the speed humps are located shall be valid and considered in calculating the requisite percentages. In the case of multiple owners, each owner must sign. Rental tenants are not acceptable substitutes. Each lot, regardless of the number of owners, counts as one vote. However, owner(s) of more than one lot on the subject street(s) shall be given one vote for each lot owned. To determine whether the requisite percentage is met, the total number of lots whose owner(s) voted in favor of removal by signing the petition shall be divided by the total number of lots that are adjacent to the street(s) where speed humps are being proposed. All signatures on the petition are subject to verification by Traffic Engineering.

(C) If the petition meets the requirements of this Policy, Traffic Engineering shall place it as an item on the next possible agenda for the next possible Engineering Services Committee meeting and subsequent Commission meeting for its consideration. Nothing set forth in this policy shall prohibit Augusta-Richmond County from removing any speed humps from any street(s) upon its own initiative should it so decide.

X. Establishment of a Special Assessment District

In accordance with Section 7-3-10 of the Augusta-Richmond County Code (as amended), after approval from the Augusta Commission, a special assessment district which will consist of those properties which directly abut the street with the proposed speed humps, will be created.

Annualized charges for maintenance and repair of speed humps will be added to the property tax bills at the end of the year in which the speed humps are installed. Each platted lot, whether developed or not, will be subject to the assessed charges. The rate for participation in the speed hump program will be \$30.00 per year per property in the "defined service area."

XI. Effective Date

This policy was adopted by the Augusta-Richmond County Commission at their regular meeting this _____ day of _____, 2008.

AUGUSTA-RICHMOND COUNTY
ENGINEERING DEPARTMENT

TRAFFIC Engineering Section
507 Telfair Street
Augusta, GA 30901
(706) 821-1850

PETITION FOR SPEED HUMPS

WE THE UNDERSIGNED, ALL BEING PROPERTY OWNERS ABUTTING _____ (street name) _____ WITHIN THE SUBDIVISION LEGALLY TITLED _____ (subdivision name) DO HEREBY PETITION FOR INSTALLATION OF SPEED HUMPS.

IN ACCORDANCE WITH SECTION 7-3-10 OF THE AUGUSTA-RICHMOND COUNTY CODE (AS AMENDED) AND THE AUGUSTA-RICHMOND COUNTY SPEED HUMP POLICY, EACH PROPERTY OWNER DOES HEREBY PLEDGE AND CONSENT TO AN ASSESSMENT BY AUGUSTA-RICHMOND COUNTY AGAINST PROPERTY WE OWN FOR THE PURPOSE OF PAYMENT OF THE COST OF INSTALLING AND MAINTAINING THE SPEED HUMPS. THERE ARE _____ LOTS CURRENTLY EXISTING ALONG _____ (street name) AND EACH OWNER AS SHOWN ON THE TAX RECORDS HAS AFFIRMATIVELY SIGNED THIS PETITION OR INDICATED THEIR DISAPPROVAL IS NOTED HEREIN.

THIS PETITION REPRESENTS _____ % OR MORE OF THE PROPERTY OWNERS ALONG THE STREET TO BE AFFECTED JOIN IN THIS REQUEST. (PLEASE DO NOT FILL IN ANY BLANK SPACES THAT APPEAR ABOVE.)

SPECIAL NOTE

YOUR SIGNATURE ON THIS PETITION INDICATES THAT YOU HAVE READ AND FULLY UNDERSTAND ALL INFORMATION.

Parcel Number	Parcel Address	Property Owner/Address	Yes	No	Owner's Signature

Parcel Number	Parcel Address	Property Owner/Address	Yes	No	Owner's Signature



Engineering Services Committee Meeting

10/27/2008 1:15 PM

Design contract for Augusta Utilities Department project Fort Gordon - 1.0 Million Gallon Elevated Storage Tank

Department: Augusta Utilities Department

Caption: Approve award of design contract to Johnson, Laschober & Associates, P.C. in the amount of \$ 131,250.00 for the fee associated with designing the Fort Gordon - 1.0 Million Gallon Elevated Storage Tank Project.

Background: The Privatization of Water/Wastewater Utilities contract between Fort Gordon and Augusta Richmond County was awarded September 2007. The requirements of the contract include executing the Initial Capital Upgrades (ICU) of the water and wastewater systems throughout the installation of Fort Gordon. One of the Initial Capital Upgrade projects is to provide a 1.0 Million Gallon Elevated Storage Tank. This project will consist of the design for a 1 million gallon elevated storage tank to be located within Fort Gordon. The design will include the site work, grading, drainage, yard piping, and appurtenances for the elevated storage tank. The design will also provide for the option of both a multi-leg steel tank with center riser and an alternate composite tank with single concrete steel support and steel tank. The purpose of the tank is to provide an additional 1 million gallon storage for the Augusta Utilities Department's 630 Water Pressure Zone System within Fort Gordon that will be needed to meet the demands and growth of the staffing of Fort Gordon, new housing on the campus of Fort Gordon, and the military facilities on Fort Gordon.

Analysis: Augusta Utilities Department evaluated Johnson, Laschober & Associates, P.C proposal for engineering services to design the Fort Gordon - 1.0 Million Gallon Elevated Storage Tank Project. The proposal is considered fair and reasonable to accomplish the project.

Financial Impact: The amount submitted for the design of this project was \$131,250.00 . These funds are available from the following account: 507043410-5212115

Alternatives: 1. Reject the award of the engineering contract, which would delay the design of the project and the subsequent construction of the Fort Gordon - 1.0 Million Gallon Elevated Storage Tank. 2. Award the engineering contract to Johnson, Laschober & Associates, P.C. to design the Fort Gordon - 1.0 Million Gallon Elevated Storage Tank Project.

Recommendation: Recommend award of the design contract for the Fort Gordon - 1.0 Million Gallon Elevated Storage Tank Project to Johnson, Laschober & Associates, P.C. be approved at \$131,250.00

Cover Memo

Item # 9

Funds are Available in

**the Following
Accounts:**

\$131,250.00 from account 507043410-5212115

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

PROPOSAL
For
Design of Elevated Storage Tank
ICU 0058 RFQ No. 05-087
Fort Gordon, Georgia

prepared for

Augusta Utilities Department
360 Bay Street
Augusta, Georgia

submitted by



Johnson, Laschober & Associates, P.C.
ENGINEERS ♦ DESIGNERS ♦ CONSULTANTS ♦ LANDSCAPE ARCHITECTS
1296 Broad Street, Augusta, Georgia 30901

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I. FEE PROPOSAL

PROPOSAL #: 135

DATE: September 17, 2008

TO: Jerry Delaughter, Interim Assistant Director
Augusta Utilities Department
Engineering and Construction Division
360 Bay Street, Suite 180
Augusta, GA

SENT BY: ☐ Phone (706) 312-4131
☐ Fax (706) 796-3031
☒ Email SBarr@augusta.gov

Re: RFQ #05-087 Design Elevated Storage Tank (ICU-0058)

By: Richard J. Laschober, P.E.
Partner

Scope of Services:

Item # 9

I. New 1.0 Million Gallon (MG) Elevated Storage Tank (EST):

- A. Preliminary Subsurface Investigation for 1.0 MG Site Confirmation: The proposed site for the 1.0 MG EST is north of 25th Street along 8th Ave. in the vicinity of a known abandoned landfill within Fort Gordon, GA. Perform preliminary subsurface investigation for proposed site relative to area having been a abandoned landfill to determine suitability of site for the 1.0 MG EST. (4 soil borings)

- B. Final Subsurface Investigation - Assuming preliminary subsurface findings are satisfactory, continue with remainder of subsurface investigation and geotechnical work as required for final design as it is related to soil bearing capacities, differential settlement, and seismic design per AWWA and other applicable building codes and recommendations for applicable foundation systems for a multi-leg steel tank with center riser and composite tank with single concrete support shell. (4 soil borings)

Note: JLA will sub-contract to QORE Property Sciences for geotechnical services.

C. Survey Work:

1. Perform G.P.S. work to establish elevations at new EST site and at site of nearest existing EST on 630 System.
2. At the specified existing EST on the 630 System confirm high water level of tank to be 631.44. The new tank will match this level.
3. Prepare boundary survey and plat and topographic drawings including tying location of tank site to Fort Gordon boundary and state plane coordinate system.
4. All elevations will be on NAVD 1988 datum.

D. Engineering-Conceptual through Design Phase

1. Establish tank parameters with regard to vertical operating range. Confirm through Augusta Utilities Department the tank design fill and withdrawal rate parameters.

2. Develop steel and composite tank designs. Evaluate available head ranges for each tank type with respect to project requirements. Provide life cycle costs comparison of tanks.
3. Evaluate and coordinate geotechnical findings and recommendations with respect to shallow versus deep foundations for different tank types.
4. Prepare contract documents including:
 - a. Clearing
 - b. Earthwork
 - c. Foundation systems
 - d. Multi-leg steel tank with center riser and composite tank with single concrete support shell and steel tank with accessories - overflow (with elevation to match existing elevated tank 631.44), vent, ladder, roof openings, coating systems, grounding, cathodic protection on tank interior, telemetry for water level monitoring, and FAA warning lights, if required.
 - e. EST interior piping and valves, if required, to promote mixing and to control short-circuiting. At a minimum, water entrance shall be at top and exit at bottom.
 - f. Altitude and isolation valves with by-pass, piping, vault, etc.
 - g. Fence
 - h. Paving
 - i. EST and site lighting.
 - j. Landscape and irrigation plan
 - k. The following will be included on drawings. JLA reserves the right to combine the following plan information on drawings where appropriate for this project.
- 1) Cover Sheet - will include drawing index, location map and project data
- 2) Project Notes Sheet - will include general and regulatory required notes, legend and abbreviations.
- 3) Existing Conditions Plan - based on topographical and utility survey provided by JLA.
- 4) Site Layout Plan - will include proposed EST location, access driveway, vault, fence, sign, etc. Project sign location will be indicated on this plan. Horizontal control for the purposes of locating civil landscape and proposed EST will be included on this plan sufficient for construction staking.
- 5) Grading & Drainage Plan - will include finished ground surface elevations of the exterior of the new EST. Finished foundation elevations and ground slab elevations, storm drain alignments, types and sizes, site contour grading (with key spot elevations).
- 6) Utility Layout Plan - will depict a comprehensive utility location presentation. We will indicate the locations of proposed potable water, irrigation, electrical, etc.
- 7) Erosion, Sedimentation, and Pollution Control Plan & Details- will indicate minimum standards for erosion control measures and practices that are appropriate during the construction sequence to assist the contractor in minimizing erosion. This plan will comply with the general requirements of the NPDES (National Pollutant Discharge Elimination System) General Permits adopted by the State.
- 8) Landscape and Irrigation Plan and Details - will be prepared and will address only minimum requirements required by local authorities under their tree ordinance or tree preservation code.

6

Item

- 9) Construction Details - will consist of typical site development details for items specified on the plans provided under this task and EST plans, elevation, and details.

5. Hydrology Report - Prepare Storm Water Management Report (Storm sewer and detention basin design calculations) if needed and as required for site plan approval.
6. Front-End Documents and Technical Specifications
7. JLA will assist the City in obtaining the required approvals from Augusta-Richmond County for a Land Disturbance Permit. This assistance will include attending agency-required meetings, preparing information for submittal, filing forms, printing drawing sets for approval and following up with County departments to inquire upon the progress of the plan review.

E. Engineering - Bid and Contract Phase Item # 6

1. Provide advertisement to bid and contract documents (drawings and specifications) to City for distribution to Contractors.
2. Attend pre-bid conference and addenda.
3. Assist the City in evaluation and tabulation of bids and recommendation of lowest qualified bidder.
4. Provide copies of contract documents for signing.

F. Engineering - Construction Phase

1. Review shop drawings, materials submittals and design calculation submittals.
2. Respond to requests for information and provide technical support to City as required.
3. Inspections: Full or part-time resident inspections will be provided by the City. JLA will attend a limited number of site meetings (up to 6) as requested by the City as related to specific issues and key inspections.
4. Attend final inspection with City personnel.
5. Project Closeout: Provide as-built drawings from data provided by the City.

G. Compensation for Basic Professional Services

1. Geotechnical and Survey Services (Paragraphs I.A-C) \$18,700
2. Basic Engineering Services - (Paragraphs I. D-F) \$85,700
3. Total Fee (Paragraphs I.A-F) \$104,400
4. Note: If during the first boring of the Preliminary Subsurface Investigation (paragraph I.A) it is conveyed to the JLA that there is no indication of a prior landfill at the site and work is then allowed to proceed as outlined under paragraph I.B, Final Subsurface Investigation, deduct \$4,500 from the Total Fee in paragraph I.G.3

H. Schedule for Performance (See Section II)

I. Listing of Key personnel (See Section III)

II. Existing 2.25 Million Gallon (MG) Standpipe:

A. Structural Evaluation: Perform structural evaluation of existing standpipe and make necessary recommendations to comply with latest accepted applicable structural codes including AWWA.

1. Tank Re-Inspection and Update of 2002 Inspection by Tank Industry Consultants (TIC): Re-inspect a portion of the original 2002 inspection work dated July 26, 2002 to include an update of thickness measurements of tank roof plate and shell, confirmation of as-built construction and condition of structural elements of domed roof compression ring, radial and intermediate circumferential stiffener, and tension ring (the basic shape and size description of stiffening elements was in the report, but not material thickness of webs, flanges or angle legs, spacing of stiffening elements, and welds of stiffeners to plate), possible further definition of welds that were noted to be significantly undercut with respect to effective thickness, and possible further definition on portions of shell reported to vary in shape or curvature (undulate or buckle). Work will be performed by a "raft" evaluation of the roof structure tank interior, a dive evaluation of the tank interior, and preparation of a certified engineering report. TIC require the City to raise the water in the tank as high as possible.
2. Perform structural analysis of steel standpipe with respect to applicable structural codes including AWWA. Identify structural deficiencies and recommend appropriate repairs.
3. Cost Estimate: Update 2002 cost estimate from estimate prepared by CH2MHILL and sub-consultant TIC including costs for recommended structural repairs. No costs will be included pertaining to solely sanitary and water quality related issues as recommended by AWWA, GA EPD etc. because use of the tank will be for raw storage for irrigation water storage.
4. Make recommendation to either a) repair and upgrade standpipe including proceeding with further field testing and review of concrete mat foundation and preparation of repair documents for bid and construction or b) to demolish and remove standpipe including preparation of demolition and heavy metal containment and heavy metal abatement and disposal documents for bid and construction.

B. Compensation for Basic Professional Services

1. Tank Re-Inspection by TIC (paragraph II.A.1) \$ 10,650
2. Basic Engineering Services - Through Report Phase (paragraphs II.A.2-4, \$ 16,200
3. Total (paragraphs II.A.1-4) \$ 26,850

C. Schedule for Performance (See Section II)

D. Listing of Key personnel (See Section III)

III. Total Compensation:

Total Compensation for Basic Professional Services

(Sections I.G.3&II.B.3)..... \$131,250

IV. Items Provided by City, Not Anticipated for this Project, and Additional Services:

- A. The following list of items that are excluded from the Lump Sum portion of this Proposal and are to be provided by City:
1. Review and permit fees by government agencies (By City)
- B. The following items are not included in the Lump Sum Bid and are not anticipated for this project:
1. Rezoning Plans
 2. Rezoning Coordination/Meeting Attendance/ Assistance
 3. Zoning Amendments and/or special variances
 4. Advertising and Distribution of Bid Set Documents
 5. Final Grade Certification
 6. Title Reports
 7. Wastewater lift stations and on-site treatment
 8. Offsite utilities routing including easements, etc.
 9. Routing outflow from detention facility offsite to a remote discharge point (i.e. pipe, ditch, etc.)
 10. GDOT Access Driveway Encroachment and Utility Encroachment Permitting.
 11. Submittal of documentation to comply with NPDES (National Pollutant Discharge Elimination Systems) General Permit, including monitoring and inspections (By others). JLA will advise and assist the City on submittal of required documentation.
 12. State water buffer encroachment variances.
 13. Wetlands delineation, permitting, mitigation plans etc.
 14. FEMA floodplain study, no-rise determination, mitigation plans etc.
- C. The following items are optional and, if requested by City, shall be provided on a time and expense basis:
1. Full or part-time resident inspection.
 2. Attendance at out-of-town meetings or conferences required by the City.
 3. Services requested by the City not specifically addressed in this proposal.

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Fee Schedules for Additional & Special Services

Johnson, Laschober & Associates, P.C. (Engineering Services)

Principal.....	\$180.00/Hr.
Sr. Engineer / Sr. Project Manager.....	\$140.00/Hr.
Engineer / Project Manager.....	\$115.00/Hr.
Engineer / Assistant Project Manager.....	\$ 90.00/Hr.
Engineer I	\$ 85.00/Hr.
Engineer II	\$ 80.00/Hr.
Designer I.....	\$ 85.00/Hr.
Designer II	\$ 80.00/Hr.
CAD Operator	\$ 65.00/Hr.
Survey Field Crew	\$118.00/Hr.
Survey Research.....	\$ 45.00/Hr.
Clerical	\$ 40.00/Hr.
Accountant	\$ 80.00/Hr.

PLUS

EXPENSES.....

Printing - 24 x 36.....	\$ 1.10 each
- 30 x 42.....	\$ 2.10 each
- 8-1/2 x 11	\$.15 each
Long Distance Telephone Calls.....	\$ 5.00 each
Express Postage	\$ 25.00 each
Mileage.....	\$ 0.58 mile

All following sub-contract work for Outside Services will be marked up 15%

Fee Schedules for Additional & Special Services

Geotechnical – QORE Property, Inc.

Additional Drilling	\$ 15.00/Foot
Staff/Field Engineer	\$ 75.00/Hr.
Geotechnical Engineer	\$ 105.00/Hr.
Senior Geotechnical Engineer (P.E.)	\$ 125.00/Hr.
Secretarial	\$ 40.00/Hr.
CADD Services	\$ 50.00/Hr.
Mobilization of truck mounted rig	\$ 450.00/Ea.
Soil boring with SPT at 5 feet intervals	\$ 15.00/Foot
Thin Wall tube sample	\$ 75.00/Ea.
Consolidation tests	\$ 450.00/Ea.
Report Reproduction	\$ 0.25/Page
(Initial three copies at no charge)	
Special Printing or Blueprinting Charges	Actual Cost plus 25%
Mileage	\$ 0.75/Mile
Overnight Expenses	\$ 90.00 person/day

Tank Inspection - Tank Industry Consultants Inc.

Long-Term Resident Observation

Technician (travel and on-job time)	\$ 58.00/Hr.
Overtime Premium (over 40 hrs/ week)	\$ 29.00/Hr.
Minimum 32 hours per week	
Per Diem	\$ 120.00/Hr.

Spot Observation

Technician (travel and on-job time)	\$ 85.00/Hr.
Per Diem	\$ 130.00/Hr.
Support Staff	Hourly Rates Shown Below

Engineering and Support Staff

Field Services Manager/Contract Administrator	\$ 90.00/Hr.
---	--------------

Item # 6

Engineering and Support Staff

Field Services Manager/Contract Administrator.....	\$ 90.00/Hr.
Field Superintendent/NACE Certified Technician	\$ 90.00/Hr.
Overtime Premium (over 40 hrs/ week).....	\$ 45.00/Hr
Minimum 32 hours per week	
Project Manager.....	\$ 92.00/Hr.
Engineer - E.I.....	\$ 83.25/Hr.
Professional Engineer	\$ 110.00/Hr.
Licensed Senior Professional Engineer	\$ 135.25/Hr.
Licensed Principal Engineer	\$ 172.00/Hr.
Licensed Senior Principal Engineer	\$ 215.00/Hr.
Safety Director	\$ 120.00/Hr.
Technical Editor.....	\$ 68.00/Hr.
Clerical.....	\$ 42.75/Hr.

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Direct Expenses

A charge of \$9.10 per hour is added for every office hour worked to cover copying, fax, mail, telephone, long distance, paging, cell phone, trucks, field equipment, and other misc. costs.

Mileage

\$0.60 per mile per vehicle from nearest office
Indianapolis, IN, Houston, TX, Richmond, VA, Bolingbrook, IL, Philadelphia, PA

Reimbursable Expenses

Travel by public transportation at cost, plus 10%
All other reimbursable expenses (not otherwise listed on this rate structure) at cost plus 10%

Subcontract Laboratory Analysis (Fees are doubled for rush service)

Total Lead in Samples by Atomic Absorption Spectroscopy	\$100.00 per sample
Total Metals (Cadmium, Chromium & Lead) in Samples by Atomic Absorption Spectroscopy	\$212.00 per sample
Leachable Lead in Samples by Toxicity Characteristic Leaching Procedure	\$440.00 per sample

II. SCHEDULE

I. New 1 MG Elevated Storage Tank

- | | |
|---|---|
| A. Projected Notice to Proceed..... | Contract Day 1 |
| B. Mobilization - | Begin in 14 days..... Contract Day 14 |
| C. Preliminary Subsurface Investigation and site survey - | Complete 21 daysContract Day 35 |
| D. Design Phase | |
| 1. 30% Review Documents - | Complete 28 Days..... Contract Day 63 |
| 2. 60% Review Documents - | 28 Days City Review plus Complete 28 Days
Contract Day 119 |
| 3. 90% Review Documents - | 28 Days City Review plus Complete 28 Days
Contract Day 175 |
| 4. 100% Submittal - | Complete 28 Days..... Contract Day 203 |

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II. Existing 2.25 MG Standpipe

- | | |
|--|---|
| A. Projected Notice to Proceed | Contract Day 1 |
| B. Mobilization - | Begin in 14 days..... Contract Day 14 |
| C. Update tank inspection - | Complete 49 days Contract Day 63 |
| A. Study Phase - Structural Evaluation | |
| 1. Initial Submittal | Complete 49 daysContract Day 112 |
| 2. Final Submittal | 21 Days City Review plus Complete 14 Days
Contract Day 147 |

Note: The above schedules may run concurrently and are dependent on CITY review schedule and permit approvals. The schedule as proposed can be adjusted, as necessary, to meet the goals of the CITY'S goals.

SECTION III - LISTING OF KEY PERSONNEL

CONSULTANT shall provide qualified personnel to perform its work. The list of key personnel below, including a designated Program Manager will not change or be reassigned without the written approval of the CITY. Those personnel committed for this work are as follows:

ENGINEERING		
Richard J. Laschober	Project Manager	Johnson, Laschober & Assoc., PC
Trevor Wimberly	Project Engineer	Johnson, Laschober & Assoc., PC
William Buchanan	Design Engineer	Johnson, Laschober & Assoc., PC
Cristo Eclavea	Senior Designer	Johnson, Laschober & Assoc., PC
SURVEYING		
George Godman	Professional Land Surveyor	George L. Godman & Assoc.
SOIL INVESTIGATION		
Robert Williamson	P.E., Branch Manager	QORE Property Sciences, Inc
Simone S. Metzger	Staff Engineer	QORE Property Sciences, Inc
TANK INSPECTION		
Stephen W. Meier, P.E., S.E.	Managing Principal	Tank Industry Consultants, Inc.

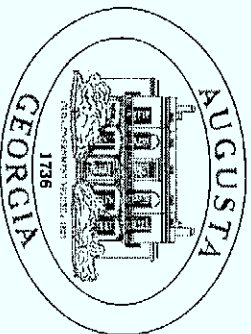
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Appendix A

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Project Map.....	1 Page

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Augusta Utilities Department



Clifford A. Goins, Interim Director

Engineering and Construction Division

Wes Byne, P.E., Asst Director

360 Bay Street, Suite 180
Augusta, Georgia 30901
(706) 312-4132 Fax (706) 312-4133

www.augusta.ga.gov

To: Rich Laschober, P.E.

JLA Engineers

1296 Broad St

Augusta, GA 30901

Re: RFQ #05-087

Design an Elevated Storage Tank

DATE: August 14, 2008

Mr. Laschober,

On July 21st, Augusta Procurement notified you of award of an engineering contract to design an elevated storage tank on Fort Gordon. At the preliminary meeting, we determined that the tank site had not been properly defined and left uncertainty as to the fate of the existing 2.25 MG standpipe. Upon meeting with the Fort, we have determined that the proposed tank location should be north of 25th Street, along 8th Avenue. There is an abandoned landfill in that area, and so the scope should include preliminary soil borings to determine if that site is suitable. In addition, the new tank volume should be 1.0 million gallons, and should serve the 630 system elevation. Finally, please modify your scope to perform a structural review of the standpipe, and to provide recommendations and plans for repairs to be made in order to allow the standpipe to be reused for raw water storage.

A map showing the proposed new tank location is attached.

Should you have any questions, please contact my office at 706-312-4132.

Thanks,

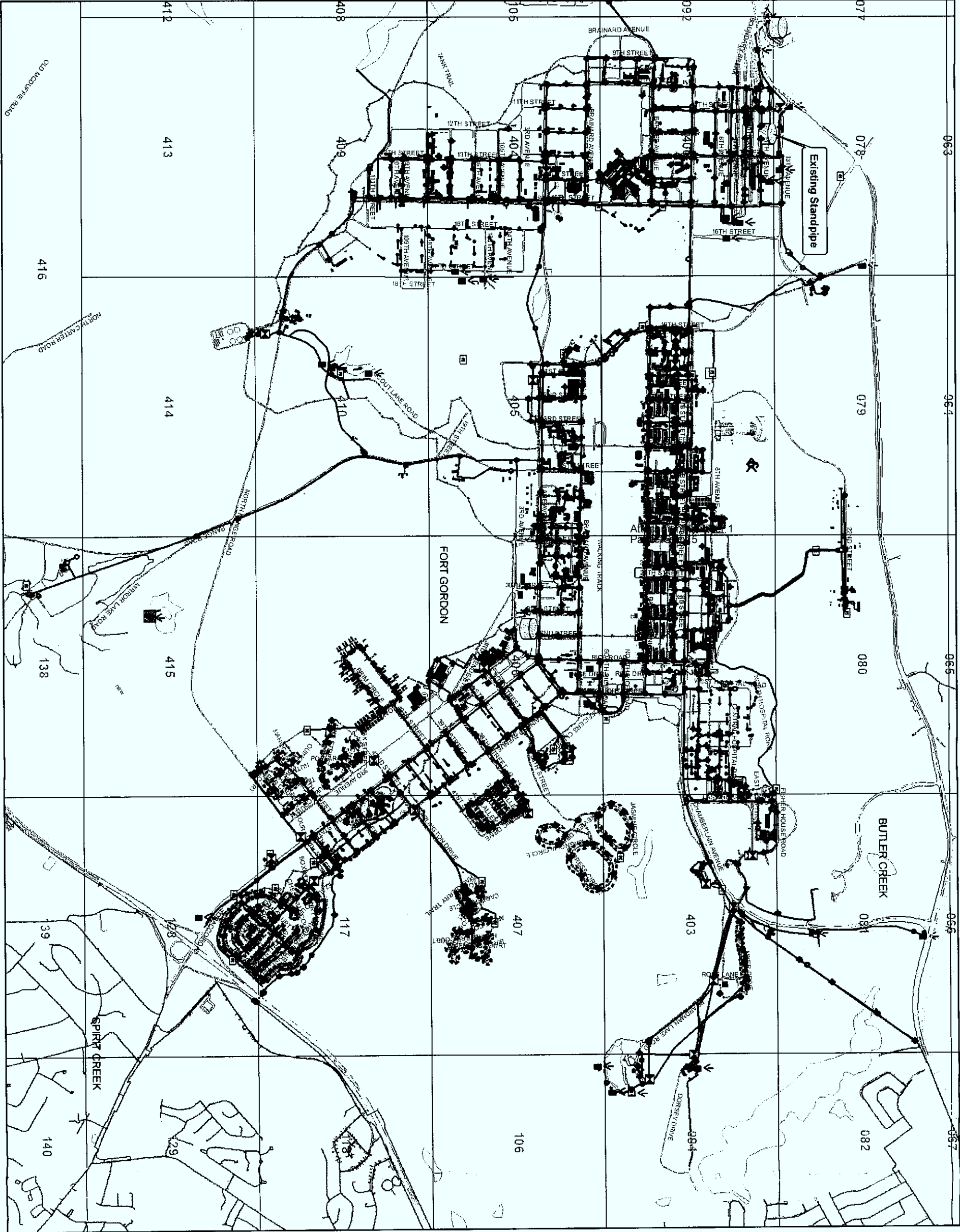
Wes Byne

cc: Clifford A. Goins, Interim Director

Russell Thies, Assistant Director of Construction & Maintenance

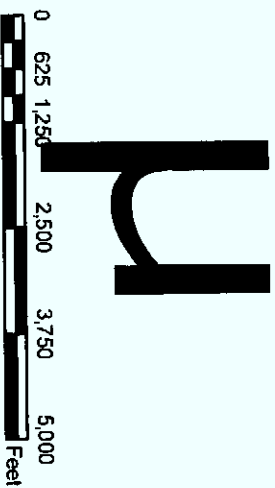
Horace Luke, Assistant Director of Fort Gordon Operations

File: Fort Gordon-Engineer Selection - 2008



Augusta
G E O R G I A

Augusta Utilities Department
Fort Gordon Project: 6





Procurement Department

Mrs. Geri Sams, Director

July 21, 2008

JLA Engineers
1296 Broad St
Augusta, GA 30901
Attn: Rich Laschober, P.E.

Re: RFQ #08-173 (ref. RFQ #05-087)
Design an Elevated Storage Tank

Dear Mr. Laschober,

In September, 2007, Augusta Utilities Department, AUD, acquired the water and sewer assets on Fort Gordon military base. AUD was authorized by the Augusta Commission on May 20, 2008 to use the 2004 Engineering Selection RFQ to select engineers for projects on Fort Gordon. Based on responses given in that RFQ, your firm was selected to provide engineering services for a project to **Design an Elevated Storage Tank (ICU-0058)**. Included below is the preliminary project scope. Please contact Cindy Washington at the Augusta Utilities office at 706-312-4132 in order to schedule a meeting to discuss the scope in greater detail. After the first meeting, AUD will receive a proposal for the scope of work, and contract negotiations will follow.

Preliminary Scope

Fort Gordon has an existing water distribution infrastructure which includes a half-million gallon elevated storage tank and a 2.25 MG standpipe. Fort Gordon would like the standpipe demolished and a new elevated tank built in its place. The first phase of this project is a study to determine if it is possible to rehabilitate the standpipe to behave more like an elevated tank, and then to proceed with either the redesign of the standpipe or the demolition and design of the new tank.

The scope of work should include costs to perform the preliminary site inspection, engineering analysis, coordination meetings, and bid-package preparation, bid-phase support, and construction-phase support services.

A map showing the general project area is attached.

Should you have any questions prior to our first meeting, please contact the Augusta Utilities office at 706-312-4132. AUD looks forward to working with your firm.

Sincerely,

Geri A. Sams
Director, Procurement

cc: Clifford A. Goins, Interim Director
Wes Byne, Assistant Director
Russell Thies, Assistant Director of Construction & Maintenance
Horace Luke, Assistant Director of Fort Gordon Operations

Room 605 - 530 Green Street, Augusta Georgia 30911
(706) 821-2422 - Fax (706) 821-2811

www.augustaga.gov

Register at www.demandstar.com/supplier for automatic bid notification

Item # 9



Engineering Services Committee Meeting

10/27/2008 1:15 PM

Design contract for Augusta Utilities Department Project Fort Gordon - Raw Water Distribution System

Department: Augusta Utilities Department

Caption: Approve design contract to Cranston Engineering Group, P.C. in the amount of \$317,720.00 for the Fort Gordon - Raw Water Distribution System Project.

Background: The Privatization of Water/Wastewater Utilities contract between Fort Gordon and Augusta Richmond County was awarded September 2007. The requirements of the contract include executing the Initial Capital Upgrades (ICU) of the water and wastewater systems throughout the installation of Fort Gordon. One of the Initial Capital Upgrade projects is to provide irrigation to several of the large facilities and the parade field within Fort Gordon. The Raw Water Distribution System will consist of 12" and 16" water main pipe that will be installed between the existing water treatment plant and the 2.5 million gallon stand pipe. There will also be a 10" water main pipe installed between Chamberlain Ave. and Eisenhower Medical Center. This installation will be approximately 31,000 linear feet of pipe combining the 10", 12", and 16" pipe. In addition, the existing water treatment plant will be used in a limited manner to provide pretreatment for the raw water system. The existing reservoir will be the source for the water and the existing raw water pumps will continue to be used to deliver the raw water to the plant.

Analysis: Augusta Utilities Department evaluated Cranston Engineering Group's proposal for engineering services to design the Fort Gordon - Raw Water Distribution System Project. The proposal was considered fair and reasonable to accomplish the project.

Financial Impact: The amount submitted for the design of this project was \$317,720.00. These funds are available from the following account: 507043410-5212115 / 88880071-5212115

Alternatives: 1. Reject the award of the engineering contract, which would delay the design of the project and the construction of the Fort Gordon - Raw Water Distribution System Project. 2. Award the engineering contract to Cranston Engineering Group, P.C. to design the Fort Gordon - Raw Water Distribution System Project.

Recommendation: Recommend award of the design contract for the Fort Gordon - Raw Water Distribution System Project to Cranston Engineering Group, P.C. Copy Memo
approved at \$317,720.00

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

\$317,720.00 from account 507043410-5212115 / 88880071-5212115

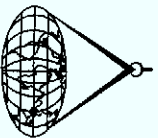
REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.



Cranston Engineering Group, P.C.
ENGINEERS - PLANNERS - SURVEYORS

452 ELLIS STREET, AUGUSTA, GEORGIA 30901
POST OFFICE BOX 2546, AUGUSTA, GEORGIA 30908
TELEPHONE 706-722-1588
FACSIMILE 706-722-8579
mail@cranstonengineering.com

THOMAS H. ROBERTSON, P.E., AICP, RLS
JAMES B. CRANFORD, JR., P.E.
DENNIS J. WELCH, P.E.

J. CRAIG CRANSTON, P.E., RLS
(RETIRED)

September 25, 2008

Augusta Utilities Department
360 Bay Street, Suite 180
Augusta, Georgia 30901

Attention: Mr. Jerry Delaughter, P.E.

Re: Fort Gordon - Raw Water Distribution System
AUD Project No. FG-0001RW
Our File No. 2008-0244

Dear Jerry:

In accordance with your request, we are pleased to offer the following proposal for accomplishing the necessary surveying and engineering services associated with the design of a new Raw Water Distribution System to serve Fort Gordon. This proposal states our understanding of the project scope as well as the fees and the anticipated schedule for accomplishing the work.

GENERAL:

The new Raw Water Distribution System will consist of 12" and 16" lines installed between the existing water treatment plant at Fort Gordon and the 2.5 million gallon stand pipe located at the corner of 11th Avenue and 13th Street. There will also be a 10" line installed between Chamberlain Avenue and Eisenhower Medical Center. In all there will be approximately 3,000 lf of 10", 16,600 lf of 12", and 11,000 lf of 16". The purpose of this new system is to provide raw water for irrigation purposes to major installations along the route to the stand pipe as well as Eisenhower Medical Center. The route for the main line will originate at the existing plant at and generally extend along Boardman Lake Road, Chamberlain Avenue, through the parade field, along 19th Street, and along 13th Avenue to the stand pipe. With the exception of the Medical Center no major extensions will be made to individual services along the main route.

SCOPE OF WORK:

We propose to furnish a topographic map of the land compiled by existing base maps provided by Augusta Utilities Department and field surveys by us to check map and locate existing utilities such as storm, power, gas, water, telephone and CATV based on field marks provided by

Mr. Jerry Delaughter, P.E.
September 25, 2008
Page 2

Fort Gordon and maps furnished by the utility owners. We also propose to furnish the ground survey control. In accordance with the base maps provided, the contour interval will be two feet, based upon the North American Vertical Datum of 1988, commonly called Mean Sea Level. The horizontal datum will be the Georgia State Plane Coordinate System, East Zone (North American Datum of 1983). The map will show the property boundaries compiled from the topographic and planimetric survey data referred to above.

We will prepare engineering plans, specifications, and contract documents for the raw water mains and the necessary appurtenances. Initially, we will prepare a preliminary route layout of the water mains for your and Fort Gordon's review and approval. Upon your approval of the general route, we will perform the detailed field surveys and prepare preliminary design plans showing horizontal and vertical alignments, structures, and miscellaneous details for your review and comments. Based on your comments, we will prepare and submit final design plans and specifications for your review.

After preliminary review meetings and a site visit with Horace Luke of Augusta Utilities Department, it is our anticipation that no federal environmental documentation or permitting relating to utilities, encroachments, wetlands, stream buffers, endangered species, Federal Emergency Management Agency (FEMA) or similar state/federal regulatory reviews will be required and therefore, we have not included any additional such work in this proposal. Should it be determined, at a later date, that additional environmental documentation or permitting will be required, then we would anticipate negotiating a fee for that work at that time.

Drawings will be prepared in ink on mylar film at an appropriate scale. We can also furnish the drawings in AutoCAD computer disc format, if desired, at no additional fee. In the event of difference between the disc-reproduced drawing and the original tracing, the hard copy tracing will govern.

We will complete and submit the appropriate documentation for revising the current Georgia EPD Municipal Surface Water Withdrawal Permit at Fort Gordon to agricultural/irrigation use. We would expect Augusta Utilities Department to assist us with obtaining historical and projected withdrawal rates. We will also assist with the generation of a new fee rate schedule for the irrigation system. We will meet/coordinate with Augusta Utilities Department personnel and Fort Gordon officials to obtain data on operational costs, usage rates, usage schedules, and standard rates. This information will then be used to generate a competitive rate for the new system.

We propose to furnish the following bidding and construction phase services for the raw water mains: preparing a schedule for bidding, preparing bidding documents, assisting you with securing bids from qualified contractors, advising you concerning the award of a contract, preparing contract documents subject to your approval, issuing a notice to proceed, making observations of the construction work as it progresses to observe the general quality, furnishing written reports of the

Mr. Jerry Delaughter, P.E.
September 25, 2008
Page 3

observations made during each visit, coordinating with the project engineer and inspector provided by the City, administering appropriate progress meetings, issuing instructions to the contractor, reviewing shop drawings, reviewing the contractor's monthly applications for partial payment, determining the amounts owing to the contractor, interpreting the contract documents and technical specifications, consulting as necessary with the City-County authorities and their representatives concerning their requirements, making a final inspection to determine whether or not the work has been completed substantially in accordance with the plans and specifications, preparing digital construction as-builts from information provided by the contractor, and reviewing the contractor's application for final payment.

FEE PROPOSAL:

Our fee for the surveying portion of the project will be a lump sum of \$73,270.00.

Our fee for the engineering design and preparation of construction documents for the raw water distribution system will be a lump sum of \$198,000.00. Based on a conceptual construction cost estimate of \$3,000,000.00, this fee represents 6.60 percent.

As requested, we have also included additional fees totaling \$12,700.00 for the Water Withdrawal Permit and Rate Analysis. The fees by project phase are as follows:

<u>Surveying</u>		
Control Surveys	\$	5,500.00
Enhance Existing Base Map (Utilities, Storm Sewers, and Other Features)	\$	29,200.00
Stake and Profile Water Main Route	\$	38,570.00
Surveying Subtotal	\$	73,270.00
<u>Engineering Design</u>		
Preliminary Route Layout	(10%) \$	19,800.00
Preliminary Design	(27.5%) \$	54,450.00
Final Design	(37.5%) \$	74,250.00
Bidding Phase	(5%) \$	9,900.00
Construction Phase	(20%) \$	39,600.00
Engineering Design Subtotal	\$	198,000.00

Mr. Jerry Delaughter, P.E.
September 25, 2008
Page 4

Additional Engineering Services

Water Withdrawal Permit	\$	5,200.00
Rate Analysis	\$	7,500.00

Additional Engineering Services Subtotal	\$	12,700.00
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Surveying & Engineering Design Total	\$	283,970.00
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We expect to submit periodic invoices covering the design work as it progresses and to receive payment within thirty days thereafter.

TIME OF COMPLETION:

We are prepared to begin work at your direction and expect to complete the proposed services in accordance with the enclosed schedule dated September 25, 2008. Allowing for the modest intermediate review times and the estimated permitting durations shown in the schedule, we would expect to present you with the completed plans ready to advertise for bids within approximately 11 months of the Notice to Proceed.

We appreciate the opportunity of making this proposal and trust that you find it satisfactory. Upon your request, we will prepare and forward to you a standard form engineering contract for this project. Should you have any question concerning the scope of the services offered, or the fee, please do not hesitate to give us a call.

Sincerely,

CRANSTON ENGINEERING GROUP, P.C.



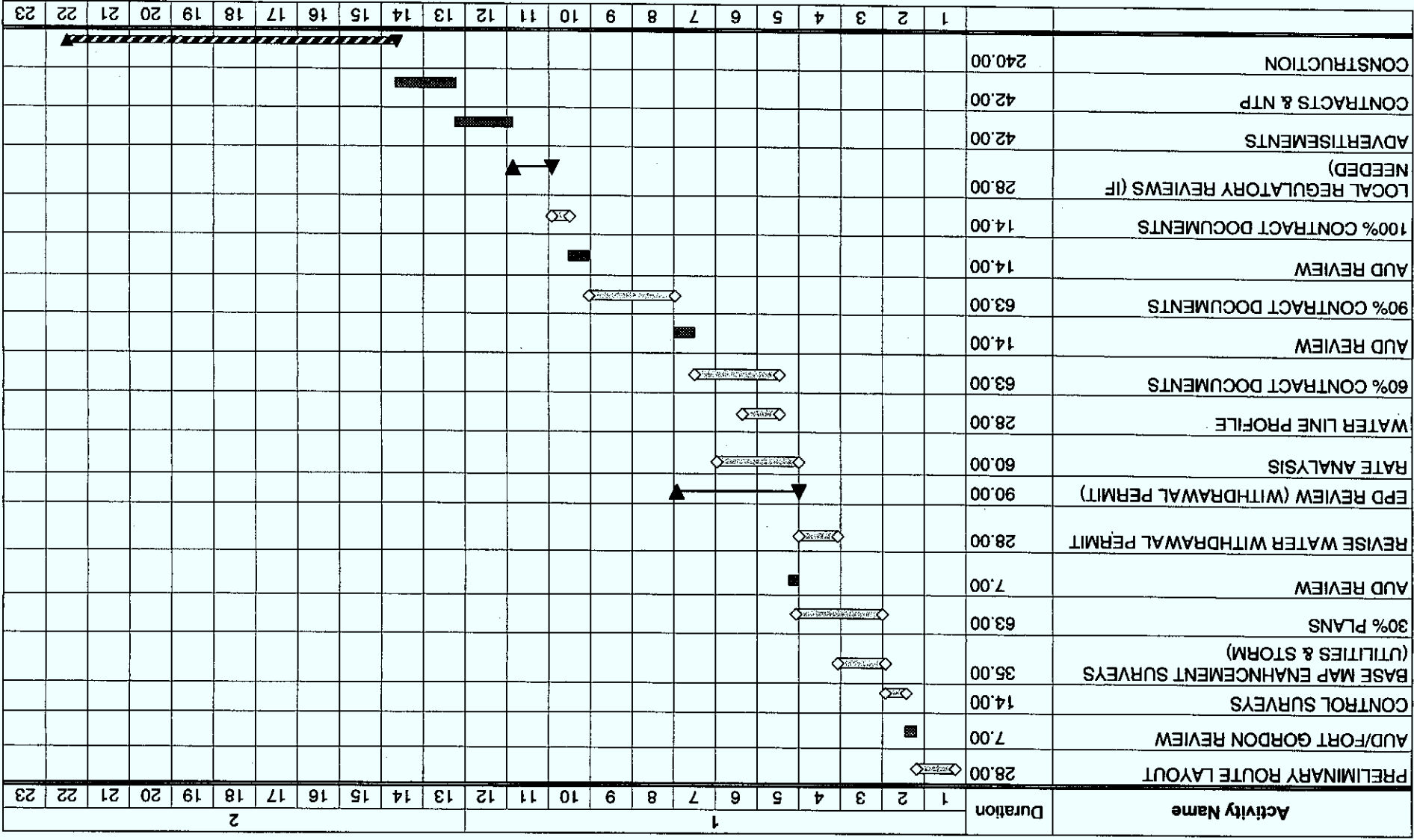
D. Scott Williams, P.E.

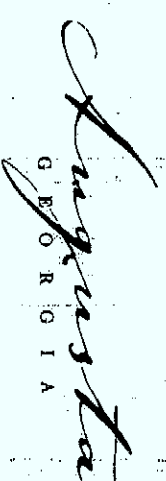
DSW/vlk
enclosure

cc: Clifford A Goins, Augusta Utilities Department

Item # 10

Fort Gordon - Raw Water Distribution System
 AUD Project No. FG-0001RW
 CEG Project No. 2008-0244
 September 25, 2008

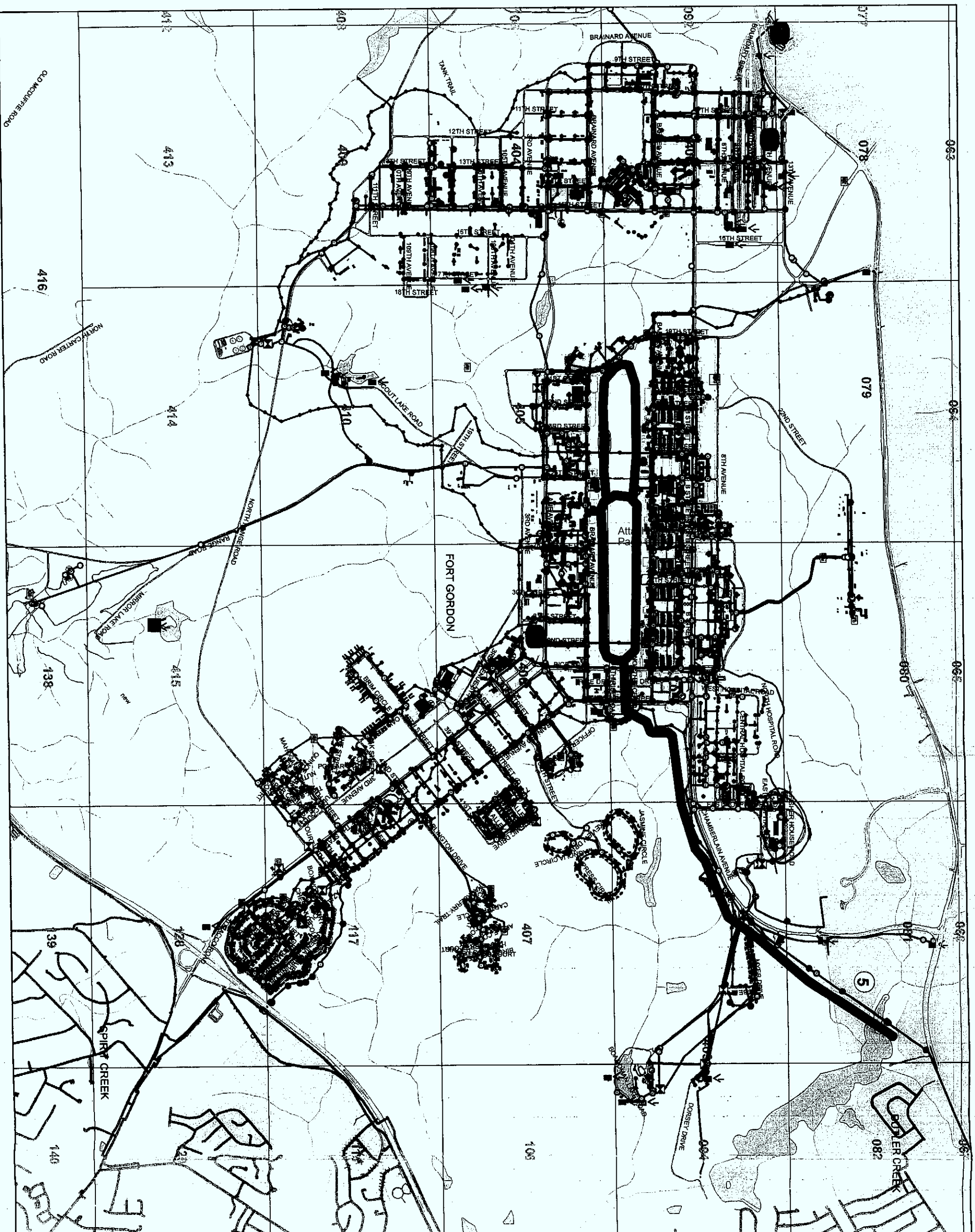




**Augusta Utilities Department
Fort Gordon Project: 5**

Feasibility Study for Raw Water Irrigation System

Item # 10





Cranston Engineering Group, P.C.
ENGINEERS - PLANNERS - SURVEYORS

452 ELLIS STREET, AUGUSTA, GEORGIA 30901
POST OFFICE BOX 2546, AUGUSTA, GEORGIA 30903
TELEPHONE 706-722-1588
FACSIMILE 706-722-8379
mail@cranstonengineering.com

THOMAS H. ROBERTSON, PE, AICP, RLS
JAMES B. CRANFORD, JR., PE
DENNIS J. WELCH, PE

October 10, 2008

J. CRAIG CRANSTON, PE, RLS
(RETIRED)

Mr. Jerry Delaughter, P.E.
Augusta Utilities Department
360 Bay Street, Suite 180
Augusta, Georgia 30901

Re: Fort Gordon - Raw Water Distribution System
Evaluation of Existing Water Treatment Plant
AUD Project No. FG-0001RW
Our File No. 2008-0244

Dear Jerry:

In accordance with your request, we are pleased to offer the following proposal for accomplishing the necessary engineering services associated with the evaluation of the existing water treatment plant located at Fort Gordon as part of a new Raw Water Distribution System to serve the Fort. This proposal states our understanding of the project scope as well as the fees and the anticipated schedule for accomplishing the work.

GENERAL:

The new Raw Water Distribution System will consist of 12" and 16" lines installed between the existing water treatment plant at Fort Gordon and the 2.5 million gallon stand pipe located at the corner of 11th Avenue and 13th Street. There will also be a 10" line installed between Chamberlain Avenue and Eisenhower Army Medical Center. The purpose of this new system is to provide raw water for irrigation purposes to major installations along the route to the stand pipe as well as Eisenhower Army Medical Center. The route for the main line will originate at the existing plant and generally extend along Boardman Lake Road, Chamberlain Avenue, through the parade field, along 19th Street, and along 13th Avenue to the stand pipe. With the exception of the Medical Center no major extensions will be made to individual services along the main route.

The existing water treatment plant will be used in a limited manner to provide pretreatment for the raw water system. The existing reservoir will be the source for the water and the existing raw water pumps will continue to be used to deliver the raw water to the plant. It is anticipated that the existing high service pumps will be utilized to distribute the water into the system. Per previous conversations with Augusta Utilities Department personnel, it is also anticipated that alum, caustic soda, and sodium hypochlorite are the chemicals that may be used during the operation of the plant.

Mr. Jerry Delaughter, P.E.
October 10, 2008
Page 2

SCOPE OF WORK

We will conduct appropriate site inspections and up to two coordination meetings with Augusta Utilities Department personnel to determine the existing conditions of the plant as well as its recommended operation as part of the Raw Water Distribution System. Upon completion of our coordination meetings and inspections we will provide a written report of our findings and recommendations. Once completed we will meet with Augusta Utilities Department personnel to review the report and address any questions.

Our assessment of the plant will include the following: the general condition of major elements, a structural analysis of the control building roof, an analysis of the HVAC system, a lead/asbestos abatement analysis, a general analysis of existing and proposed control systems (including SCADA), an analysis of the proposed operation of the existing pumps within the new system, an analysis of existing and proposed valve actuators, coordination of potential reuse possibilities for existing equipment (Augusta Utilities Department at other locations), and evaluation of possible reuse or disposal options for the existing chemical storage tanks.

We will also provide recommendations for the operation of the plant within the new system including the follow: general control parameters, pump operation, repairs/upgrades, additions, chemical feed (for algae control, corrosion control, pH control etc.), demolition, and lead/asbestos abatement.

FEE PROPOSAL

Our fee for the engineering analysis for the existing water treatment plant to be used for the raw water distribution system will be a lump sum of \$33,750.00. The fees by project phase are as follows:

General Evaluation and Analysis of Existing Plant	\$	12,750.00
Structural Evaluation of Control Building Roof	\$	3,500.00
Lead/Asbestos Abatement Analysis	\$	4,500.00
General Planning and Coordination for Future Usage	\$	5,500.00
Final Report	\$	7,500.00
Subtotal	\$	33,750.00

Once the plant assessment and report phase is completed and a final design scope is known, the required fees for final design, bidding, and construction phases can be generated and submitted for your review and approval.

We expect to submit periodic invoices covering the design work as it progresses and to receive payment within thirty days thereafter.

Mr. Jerry Delaughter, P.E.
October 10, 2008
Page 3

TIME OF COMPLETION

We are prepared to begin work at your direction and expect to complete the proposed services within 45 days upon receipt of notice to proceed.

We appreciate the opportunity of making this proposal and trust that you find it satisfactory. Upon your request, we will prepare and forward to you a standard form engineering contract for this project. Should you have any question concerning the scope of the services offered, or the fee, please do not hesitate to give us a call.

Sincerely,

CRANSTON ENGINEERING GROUP, PC

A handwritten signature in black ink, appearing to read "D. Scott Williams".

D. Scott Williams, P.E.

DJW/vlk

cc: Drew Goins, Augusta Utilities Department

G:\AA-CORRESPONDENCE\2008\2008-0244 - FORT GORDON - RAW WATER DISTRIBUTION MAIN\AA-Proposal-Contract\20080244_DSWProposal10-10-08(Plant).wpd



Procurement Department

Mrs. Geri Sams, Director

July 21, 2008

CEG Engineers
452 Ellis St
Augusta, GA 30901
Attn: Scott Williams, P.E.

Re: RFQ #08-173 (ref. RFQ #05-087)
Raw Water Study

Dear Mr. Williams,

In September, 2007, Augusta Utilities Department, AUD, acquired the water and sewer assets on Fort Gordon military base. AUD was authorized by the Augusta Commission on May 20, 2008 to use the 2004 Engineering Selection RFQ to select engineers for projects on Fort Gordon. Based on responses given in that RFQ, your firm was selected to provide engineering services for a project to **Design a Raw Water Distribution System (FG-0001RW)**. Included below is the preliminary project scope. Please contact Cindy Washington at the Augusta Utilities office at 706-312-4132 in order to schedule a meeting to discuss the scope in greater detail. After the first meeting, AUD will receive a proposal for the scope of work, and contract negotiations will follow.

Preliminary Scope

Fort Gordon has an existing water distribution infrastructure. In an attempt to lower demands on the potable distribution system, Fort Gordon and AUD are investigating a raw-water distribution system for the Fort. The first phase of this project is a feasibility analysis to determine if it is economically favorable to proceed with this project.

The scope of work should include costs to perform the preliminary site inspection, engineering analysis, coordination meetings, and preparation of a preliminary and a final report.

A map showing the general project area is attached.

Should you have any questions prior to our first meeting, please contact the Augusta Utilities office at 706-312-4132. AUD looks forward to working with your firm.

Sincerely,

Geri A. Sams
Director, Procurement

cc: Clifford A. Goins, Interim Director
Wes Byne, Assistant Director
Russell Thies, Assistant Director of Construction & Maintenance
Horace Luke, Assistant Director of Fort Gordon Operations

Room 605 - 530 Green Street, Augusta Georgia 30911

(706) 821-2422 - Fax (706) 821-2811

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Item # 10



**Engineering Services Committee Meeting
10/27/2008 1:15 PM**

Design Contract for Augusta Utilities Department Project Fort Gordon Eisenhower Hospital Area Gravity Sewer System

Department: Augusta Utilities Department

Caption: Approve design contract to Stevenson & Palmer Engineering, Inc. in the amount of \$348,733.00 for the Fort Gordon Eisenhower Hospital Area Gravity Sewer System

Background: The Privatization of Water/Wastewater Utilities contract between Fort Gordon and Augusta Richmond County was awarded September 2007. The requirements of the contract include executing Initial Capital Upgrades (ICU) projects for the water and wastewater systems throughout Fort Gordon. One of the Initial Capital Upgrades is to provide 2 new sewer trunks and replace an existing Eisenhower Army Medical Center gravity sewer line which is several hundred feet long and falls into a regional lift station. The new sanitary sewer design will follow the natural topography down to the Butler Creek trunk sewer line which borders Fort Gordon's property. This project consists of installing two new gravity sewer trunk lines, totaling approximately 19,750 linear feet of both 8-inch and 10-inch sanitary sewer. Once the new sewer project is completed it will permit the closure of six existing lift stations and approximately 9,925 linear feet of existing force main.

Analysis: Augusta Utilities Department evaluated Stevenson & Palmer Engineering proposal for engineering services to design the Fort Gordon Eisenhower Hospital Area Gravity Sewer. The proposal was considered fair and reasonable to accomplish the project.

Financial Impact: The amount submitted for the design of this project was \$348,733.00. These funds are available from account 507043410-5425110 / 88880102-5425110

Alternatives: 1. Reject the award of the engineering contract, which would delay the design of the project and the installation of the Fort Gordon Eisenhower Hospital Area Gravity Sewer Conversion. 2. Award the engineering contract to Stevenson & Palmer Engineering to design the Fort Gordon Eisenhower Hospital Area Gravity Sewer.

Recommendation: Recommend award of the design contract for Fort Gordon Eisenhower Hospital Area Gravity Sewer to Stevenson & Palmer at \$348,733.00

Funds are Available in the Following Accounts: 507043410-5425110 / 88880102-5425110 from account \$348,733.00

Cover Memo
Item # 11

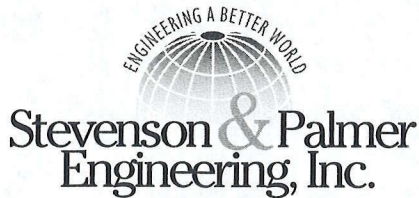
REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.



Albany
Augusta
Savannah
Smyrna

October 13, 2008

Mr. Jerry G. Delaughter, P.E., Interim Assistant Director, Engineering
Augusta Utilities Department
360 Bay Street, Suite 180
Augusta, GA 30901

**Re: Augusta Utilities Department
Fort Gordon Utilities Privatization
Eisenhower Hospital Area Gravity Sewer
Revised Project and Engineering Costs**

Dear Mr. Delaughter:

We appreciate the opportunity to continue to provide our engineering services for Augusta Utilities Department (AUD) and Fort Gordon for this vital project. As we discussed today, SPE has revised our Engineering Services according to your request.

The project will be staffed by our experienced team comprised of professionals from our Augusta office with support from our offices in Smyrna and Albany, as needed. Our dedicated team will use our experience and resources to provide a successful project that AUD and Fort Gordon will be served by for many years.

This project generally consists of installing two gravity sewer trunk lines, totaling approximately 19,750 linear feet of both 8- and 10-inch sanitary sewer. This will permit the closure of six existing lift stations and approximately 9,925 linear feet of existing force main. The project description and our scope of engineering services are further detailed in the attached "Capital Construction Project Cost Estimate – Fort Gordon Eisenhower Hospital Area Gravity Sewer Conversion."

A summary of the conceptual Project Construction and associated Engineering Costs are as follows:

Construction	
○ Trunk Line No. 1 - North Gravity Sewer Trunk line	\$1,051,863
○ Trunk Line No. 2 - South Gravity Sewer Trunk line	\$1,485,713
○ Contractor Fees	<u>\$349,885</u>
Subtotal Construction	\$2,887,460

October 13, 2008

Mr. Jerry G. Delaughter, P.E., Interim Assistant Director, Engineering
Augusta Utilities Department
Fort Gordon Utilities Privatization
Eisenhower Hospital Area Gravity Sewer
Page 2 of 2

Engineering

o Survey	\$29,625
o Engineering Design	\$230,996
o Bidding	\$22,650
o Permitting	\$22,150
o Construction Administration	<u>\$43,312</u>
Subtotal Engineering	\$348,733

Permitting – Allowances for Permit Fees

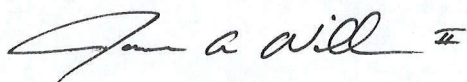
o Wetland Mitigation Allowance	\$22,875
o Stream Crossing Mitigation Allowance	\$60,000
o Supplemental Environmental Assessment Allowance	<u>\$20,000</u>
Subtotal Permitting Allowances	\$102,875

Total Capital Request

\$3,339,068

In conclusion, SPE provides a project team that is familiar with the engineering services required to complete this project. We eagerly anticipate working together with AUD and Fort Gordon on this vital project.

Sincerely,
STEVENSON & PALMER ENGINEERING, INC.



James A. Willson, II, P.E.
Vice President

JAW:kmv

Cc: File G1240801
Stanley Aye, AUD
Horace Luke, AUD

Enclosures: Capital Construction Project Cost Estimate – Fort Gordon Eisenhower Hospital
Area Gravity Sewer Conversion, consisting of 3 pages
Sheet No. 1 – Proposed Gravity Sewer Layout (11x17)
Attachment C – Project Fee Estimate

Capital Construction Project Cost Estimate
Fort Gordon Eisenhower Hospital Area Gravity Sewer Conversion

Project Description: The proposed capital improvement project is being implemented in support of Fort Gordon's privatization of wastewater utilities to the Augusta-Richmond County municipal services. The project consists of the installation of two gravity sewer trunk lines, totaling 19,750 linear feet (lf), and appurtenances which will allow closure and abandonment of 6 existing lift stations and 9,925 lf of force main. The resulting gravity sewer system to the municipal network will eliminate current operational costs associated with pumping the combined 500+ acre service area sewage to the wastewater treatment facility and will be a significant step towards transitioning Fort Gordon's wastewater treatment demand to the private utility. Further details are provided for construction of each of the aforementioned trunk lines comprising this capital project.

NORTH GRAVITY SEWER TRUNK LINE

The north gravity sewer trunk line will begin near 22nd Street and connect to the existing municipal system just northwest of the National Science Center. It will serve an area of approximately 250 acres bounded to the north by Fort Gordon Highway (Route 10/78/278), west of the Gate 1 entrance and south to an elevation of 320 feet ASL. The trunk line will eliminate the need for 2 existing lift stations and 3,200 lf of force main required to convey wastewater to the Fort Gordon wastewater treatment plant. This municipal gravity sewer trunk line will consist of approximately 4,625 lf of 8-inch and 2,700 lf of 10-inch SDR 35 PVC pipe with an estimated twenty-four (24) 48-inch diameter manhole structures. Installation will require jack and bore pipe installation techniques at a minimum of 4 road crossings and an approximated 400 lf wetland and stream crossing as shown on attached Drawing Sheet 01.

SOUTH GRAVITY SEWER TRUNK LINE

The south gravity sewer trunk line begins near West Hospital Road and extends to a municipal service line directly north of the National Science Center. It will also serve approximately 250 acres west and north of Chamberlain Avenue, including Eisenhower Hospital and the adjacent barracks/hospital housing areas. The trunk line will eliminate the need for 4 existing lift stations and approximately 6,725 lf of force main currently conveying sewage to the wastewater treatment facility. The south trunk line will consist of approximately 5,325 lf of 8-inch and 7,100 lf of 10-inch SDR 35 PVC pipe with an estimated thirty-six (36) 48-inch diameter manhole structures. Installation will require jack and bore techniques at a minimum of 9 road crossings.

Scope of Services: The following scope of services descriptions provide the assumptions used to develop the cost estimates provided in the enclosed Table 1. Pipeline routes were selected to provided requisite slopes and minimize impacts by following existing right-of-ways to maximum extent practical.

CONSTRUCTION

Construction cost estimates assume PVC pipelines will be installed at depths of 8 feet or less using standard 4-foot diameter manhole structures. All road crossings and wetland/stream crossing assume using jack and bore techniques to minimize surface impacts and traffic obstruction. Demolition of lift stations assume removal of top, valve vaults, aboveground facilities and hardware, backfilling a 8' x 12'

Capital Construction Project Cost Estimate
Fort Gordon Eisenhower Hospital Area Gravity Sewer Conversion

wetwell with gravel, and performing site restoration. Abandonment of force mains includes accessing, separating and capping end pipes. Sedimentation and erosion controls will consist of standard industry methods, and site restoration assumes grading and seeding the ground surface after pipe trenches are backfilled. Contractor fees are based on standard profit, overhead and insurance/bond fees encountered on similar projects.

ENGINEERING

Engineering design fees are based on standard industry percent of construction costs estimates. The corridor survey assumes collecting topographic design data for a 19,750 lf route using a 50-foot swath. Easements, acquisitions and/or right-of-ways are not included. Bid phase engineering services include production of bid packages (<20 copies), bid tabulation, attendance at pre-bid meeting/site walk, assistance with contracting, and responding to contractor questions. Construction administration includes attendance at monthly project meetings, responding to contractor questions, processing pay requests and RFIs, and other in-office administrative functions. Cost estimates do not include Resident Project Engineering Services.

PERMITTING

Permitting services include conducting a wetland delineation and functional analysis for an approximate 400 lf wetland and stream crossing. Assuming a 100-foot buffer around the potential area of disturbance, there is a 1.83 acre allowance provided for wetland and stream mitigation, if required. Similarly, an allowance has been provided for additional environmental assessment work if the original Fort Gordon Privatization EA is deemed not to be inclusive of this activity. Finally, standard charges have been provided for soil erosion control and Corps permits based on previous experience.

Cost Estimates: Cost estimates are provided in Table 1 for the construction of the north and south gravity sewer trunk lines with associated contractor fees. The total construction cost is estimated at \$2,887,460 with 41.5% apportioned to the north trunk line and 58.5% to the south. The associated engineering fees including survey, design, bid phase, permitting and construction administration services is \$348,733 or 12.1% of construction. Permitting fees are \$102,875 in allowances for potential mitigation expenses and supplemental environmental assessment activities.

The final opinion of probable costs for this capital improvement project is estimated at \$3,339,068 or \$169.07/lf. Should you have any questions regarding the preliminary design or cost estimates, please contact James A. Willson, II, P.E. or Richard L. Clegg, P.E. at 706-261-4040.

Capital Construction Project Cost Estimate
Fort Gordon Eisenhower Hospital Area Gravity Sewer Conversion

Table 1: Capital Construction Project Cost Estimate
Fort Gordon Eisenhower Hospital Area Gravity Sewer Conversion

<u>Scope of Work Item Description</u>	<u>Unit Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Subtotal</u>
NORTH GRAVITY SEWER TRUNKLINE				
Install 8-inch SDR 35 PVC Pipe; 0-8' Depth	75	lf	4,625	\$346,875
Install 10-inch SDR 35 PVC Pipe; 0-8' Depth	90	lf	2,700	\$243,000
Install 48" Dia Manholes; Type 1, 0-6' Depth	2,500	lf	24	\$60,000
Road Crossings, Jack & Bore; <18" Casing, 75 lf	17,500	ea	4	\$70,000
Open Cut 10-inch Ductile Iron Pipe	350	lf	600	\$210,000
Demo and Fill Closed Lift Stations	15,000	ea	2	\$30,000
Cap and Abandon Closed Force Mains	1,500	ea	2	\$3,000
Site Restoration	NA	% pipe install	10%	\$58,988
Sedimentation and Erosion Control Plan/Measures	30,000	ea	1	\$30,000
			SUBTOTAL	\$1,051,863
SOUTH GRAVITY SEWER TRUNKLINE				
Install 8-inch SDR 35 PVC Pipe; 0-8' Depth	75	lf	5,325	\$399,375
Install 10-inch SDR 35 PVC Pipe; 0-8' Depth	90	lf	7,100	\$639,000
Install 48" Dia Manholes; Type 1, 0-6' Depth	2,500	lf	36	\$90,000
Road Crossings, Jack & Bore; <18" Casing, 75 lf	17,500	ea	9	\$157,500
Demo and Fill Closed Lift Stations	15,000	ea	4	\$60,000
Cap and Abandon Closed Force Mains	1,500	ea	4	\$6,000
Site Restoration	NA	% pipe install	10%	\$103,838
Sedimentation and Erosion Control Plan/Measures	30,000	ea	1	\$30,000
			SUBTOTAL	\$1,485,713
CONTRACTOR FEES				
Mobilization	20,000	ea	1	\$20,000
General Conditions	NA	% constr	10%	\$253,758
Bonds and Insurance	NA	% constr	3%	\$76,127
			SUBTOTAL	\$349,885
			CONSTRUCTION COSTS SUBTOTAL	\$2,887,460
ENGINEERING				
Route Survey/Geotechnical	\$1.50	lf	19,750	\$29,625
Engineering Design	NA	% constr	8%	\$230,996
Bid Phase	NA	% constr	0.8%	\$22,650
Construction Administration	NA	% constr	1.5%	\$43,312
			ENGINEERING SUBTOTAL	\$326,583
PERMITTING				
Wetland Delineation/Functional Analysis	5,000	acres	1.83	\$9,150
Soil Erosion Control Permit	5,000	ea	1	\$5,000
USACE Permitting	8,000	ea	1	\$8,000
			PERMITTING SUBTOTAL	\$22,150
PERMITTING ALLOWANCES				
Wetland Mitigation Allowance	12,500	acres	1.83	\$22,875
Stream Crossing Mitigation Allowance	100	lf	600	\$60,000
Supplemental Environmental Assessment Allowance	20,000	ea	1	\$20,000
			PERMITTING SUBTOTAL	\$102,875
			TOTAL CAPITAL REQUEST	\$3,339,068

Project Owner	Augusta Utilities Department
Project Name	Fort Gordon Eisenhower Hospital Area Gravity Sewer
Owner Project No.	
SPE Project No.	G124-08-01
Date Prepared	Monday, October 13, 2008
Prepared By	James A. Willson, II
Attachment C - Project Fee Estimate	

Task	Rate: \$ 170	\$ 155	\$ 125	\$ 130	\$ 130	\$ 90	\$ 80	\$ 90	\$ 50	\$ 45	\$ 55		Sub-consultant Administration 10% Fee	Reimbursables	Subtotal Hours	Subtotal Cost	Notes
	Principal Engineer William D. White	Engineering Manager James A. Willson	Survey Manager John A. McCleskey	Project Manager II Richard L. Clegg	Project Manager II Douglas M. Munnell	Design Engineer I Eric R. Olson	Construction Inspector II John J. Snead	Engineering/CADD Technician II Michael S. Cannell	Survey Technician II	Survey Technician I	Administrative Assistant Kathy M. Vokes	Sub-consultant					
1.0 Project Management	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours						
1.1 Project Management & Coordination	4 \$ 680	40 \$ 6,200	\$ -	60 \$ 7,800	\$ -	20 \$ 1,800	\$ -	\$ -	\$ -	\$ -	12 \$ 660		\$ -		136	\$ 17,140	
1.2 Project Work Plan	2 \$ 340	4 \$ 620	12 \$ 1,500	\$ -	\$ -	4 \$ 360	\$ -	\$ -	\$ -	\$ -	2 \$ 110		\$ -		24	\$ 2,930	
1.3 Agency Funding Assistance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
1.4 30% QA/QC and Cost Opinion	\$ -	2 \$ 310	\$ -	4 \$ 520	2 \$ 260	8 \$ 720	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		16	\$ 1,810	
1.5 60% QA/QC and Cost Opinion	\$ -	2 \$ 310	\$ -	4 \$ 520	2 \$ 260	8 \$ 720	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		16	\$ 1,810	
1.6 90% QA/QC and Cost Opinion	\$ -	2 \$ 310	\$ -	4 \$ 520	2 \$ 260	8 \$ 720	4 \$ 320	\$ -	\$ -	\$ -	\$ -		\$ -		20	\$ 2,130	
1.7 Final QA/QC and Cost Opinion	\$ -	2 \$ 310	\$ -	4 \$ 520	2 \$ 260	8 \$ 720	4 \$ 320	\$ -	\$ -	\$ -	\$ -		\$ -		20	\$ 2,130	
1.8 Agency Project Review Meetings	\$ -	24 \$ 3,720	\$ -	24 \$ 3,120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		48	\$ 6,840	
1.9 30% Project Review Meeting	\$ -	4 \$ 620	\$ -	4 \$ 520	\$ -	4 \$ 360	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		12	\$ 1,500	
1.10 60% Project Review Meeting	\$ -	4 \$ 620	\$ -	4 \$ 520	\$ -	4 \$ 360	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		12	\$ 1,500	
1.11 90% Project Review Meeting	\$ -	4 \$ 620	\$ -	4 \$ 520	\$ -	4 \$ 360	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		12	\$ 1,500	
1.12 Final Project Review Meeting	\$ -	4 \$ 620	\$ -	4 \$ 520	\$ -	4 \$ 360	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		12	\$ 1,500	
1.13 Project Closeout	2 \$ 340	4 \$ 620	\$ -	8 \$ 1,040	\$ -	4 \$ 360	\$ -	\$ -	\$ -	\$ -	8 \$ 440		\$ -		26	\$ 2,800	
1.0 Project Management - Subtotal	8 \$ 1,360	96 \$ 14,880	12 \$ 1,500	124 \$ 16,120	8 \$ 1,040	76 \$ 6,840	8 \$ 640	0 \$ -	0 \$ -	0 \$ -	22 \$ 1,210	\$ -	\$ -	\$ -	354.00	\$ 43,590	
2.0 Preliminary Design Services																	
2.1 Wasteload Allocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.2 Site Investigation/Route Selection	\$ -	8 \$ 1,240	\$ -	16 \$ 2,080	\$ -	16 \$ 1,440	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		40	\$ 4,760	
2.3 Antidegradation Report	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.4 Antidegradation Review Meeting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.5 Watershed Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.6 Environmental Information Document	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.7 EID Review Meeting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.8 Design Development Report	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.9 Preliminary Engineering Report	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.10 Topographic Survey	\$ -	\$ -	32 \$ 4,000	8 \$ 1,040	\$ -	24 \$ 2,160	\$ -	120 \$ 10,800	100 \$ 5,000	100 \$ 4,500	\$ -		\$ -	\$ 2,125	384	\$ 29,625	
2.11 Wetland Jurisdictional Determination	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.12 Utility Location/R.O.W. Information	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.13 Base Plan Preparation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.14 Subsurface Investigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
2.0 Preliminary Design Services - Subtotal	0 \$ -	8 \$ 1,240	32 \$ 4,000	24 \$ 3,120	0 \$ -	40 \$ 3,600	0 \$ -	120 \$ 10,800	100 \$ 5,000	100 \$ 4,500	0 \$ -	\$ -	\$ -	\$ 2,125	424.00	\$ 34,385	
3.0 Design Services																	
3.1 Review Route Selection with Owner	\$ -	8 \$ 1,240	\$ -	8 \$ 1,040	\$ -	8 \$ 720	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 76	24	\$ 3,076	
3.2 30% Drawings	\$ -	24 \$ 3,720	\$ -	80 \$ 10,400	\$ -	120 \$ 10,800	\$ -	160 \$ 14,400	\$ -	\$ -	\$ -		\$ -		384	\$ 39,320	
3.3 30% Specifications	\$ -	8 \$ 1,240	\$ -	12 \$ 1,560	\$ -	24 \$ 2,160	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		44	\$ 4,960	
3.4 60% Drawings	\$ -	16 \$ 2,480	\$ -	40 \$ 5,200	\$ -	200 \$ 18,000	\$ -	400 \$ 36,000	\$ -	\$ -	\$ -		\$ -		656	\$ 61,680	
3.5 60% Specifications	\$ -	8 \$ 1,240	\$ -	8 \$ 1,040	\$ -	24 \$ 2,160	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		40	\$ 4,440	
3.6 Identify Permits/Easements	\$ -	\$ -	\$ -	8 \$ 1,040	\$ -	8 \$ 720	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		16	\$ 1,760	
3.7 Easement Plats	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
3.8 Soil and Erosion Control Drawings	\$ -	8 \$ 1,240	\$ -	16 \$ 2,080	\$ -	24 \$ 2,160	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		48	\$ 5,480	
3.9 90% Drawings	\$ -	8 \$ 1,240	\$ -	24 \$ 3,120	\$ -	100 \$ 9,000	\$ -	200 \$ 18,000	\$ -	\$ -	\$ -		\$ -		332	\$ 31,360	
3.10 90% Specifications	\$ -	8 \$ 1,240	\$ -	8 \$ 1,040	\$ -	12 \$ 1,080	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		28	\$ 3,360	
3.11 Final Drawings	\$ -	4 \$ 620	\$ -	8 \$ 1,040	\$ -	\$ -	\$ -	80 \$ 7,200	\$ -	\$ -	\$ -		\$ -		92	\$ 8,860	
3.12 Final Specifications	\$ -	4 \$ 620	\$ -	4 \$ 520	\$ -	8 \$ 720	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		16	\$ 1,860	
3.13 Final Comments/Revisions	\$ -	2 \$ 310	\$ -	2 \$ 260	\$ -	8 \$ 720	\$ -	40 \$ 3,600	\$ -	\$ -	\$ -		\$ -		52	\$ 4,890	
3.14 Owner Design Meetings	\$ -	8 \$ 1,240	\$ -	8 \$ 1,040	\$ -	8 \$ 720	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		24	\$ 3,000	
3.15 Drawing and Spec Reproduction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	40 \$ 3,600	\$ -	\$ -	\$ -		\$ -	\$ 5,000	40	\$ 8,600	
3.0 Design Services - Subtotal	0 \$ -	106 \$ 16,430	0 \$ -	226 \$ 29,380	0 \$ -	544 \$ 48,960	0 \$ -	920 \$ 82,800	0 \$ -	0 \$ -	0 \$ -	\$ -	\$ -	\$ 5,076	1,796.00	\$ 182,646	
4.0 Permitting																	
4.1 Army Corps Mitigation Credit Calcs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,200	\$ 820	\$ 130	0	\$ 9,150	
4.2 Soil Erosion Control Permit	\$ -	2 \$ 310	\$ -	6 \$ 780	\$ -	17 \$ 1,530	\$ -	24 \$ 2,160	\$ -	\$ -	4 \$ 220		\$ -		53	\$ 5,000	
4.3 Georgia EPD Plan Approval	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
4.4 USACE Permit	\$ -	2 \$ 310	\$ -	9 \$ 1,170	\$ -	24 \$ 2,160	\$ -	46 \$ 4,140	\$ -	\$ -	4 \$ 220		\$ -		85	\$ 8,000	
4.5 Railroad Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		0	\$ -	
4.0 Permitting - Subtotal	0 \$ -	4 \$ 620	0 \$ -	15 \$ 1,950	0 \$ -	41 \$ 3,690	0 \$ -	70 \$ 6,300	0 \$ -	0 \$ -	8 \$ 440	\$ 8,200	\$ 820	\$ 130	138.00	\$ 22,150	
5.0 Bidding/Award Phase																	
5.1 Bid Advertisement	\$ -	1 \$ 155	\$ -	8 \$ 1,040	\$ -	8 \$ 720	\$ -	\$ -	\$ -	\$ -	2 \$ 110		\$ -		19	\$ 2,025	
5.2 Bidding Questions and Addenda	\$ -	5 \$ 775	\$ -	12 \$ 1,560	\$ -	30 \$ 2,700	\$ -	12 \$ 1,080	\$ -	\$ -	2 \$ 110		\$ -		61	\$ 6,225	
5.3 Prebid Conference & Site Inspection	\$ -	8 \$ 1,240	\$ -	8 \$ 1,040	\$ -	8 \$ 720	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		24	\$ 3,000	
5.4 Bid Opening	\$ -	8 \$ 1,240	\$ -	8 \$ 1,040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2 \$ 110		\$ -		18	\$ 2,390	
5.5 Bid Tabulation	\$ -	\$ -	\$ -	4 \$ 520	\$ -	15 \$ 1,350	\$ -	\$ -	\$ -	\$ -	2 \$ 110		\$ -		21	\$ 1,980	
5.6 Recommendation of Award	\$ -	4 \$ 620	\$ -	8 \$ 1,040	\$ -	40 \$ 3,600	\$ -	\$ -	\$ -	\$ -	2 \$ 110		\$ -		54	\$ 5,370	
5.7 Contract Award Preparation	\$ -	4 \$ 620	\$ -	8 \$ 1,040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		12	\$ 1,660	
5.0 Bidding/Award Phase - Subtotal	0 \$ -	30 \$ 4,650	0 \$ -	56 \$ 7,280	0 \$ -	101 \$ 9,090	0 \$ -	12 \$ 1,080	0 \$ -	0 \$ -	10 \$ 550	\$ -	\$ -	\$ -	209.00	\$ 22,650	



Procurement Department

Mrs. Geri Sams, Director

August 25, 2008

James Willson, P.E.
Stevenson and Palmer
360 Bay St
Suite 400
Augusta, GA 30901

Re: RFQ #08-173 (ref. RFQ #05-087)
Sewer Line to Serve Eisenhower Hospital

Mr. Willson,

In September, 2007, Augusta Utilities Department, AUD, acquired the water and sewer assets on Fort Gordon military base. AUD was authorized by the Augusta Commission on May 20, 2008 to use the 2004 Engineering Selection RFQ to select engineers for projects on Fort Gordon. Based on responses given in that RFQ, your firm was selected to provide engineering services for a project to **Design a gravity sewer for Eisenhower Hospital (ICU-0064 & R&R-WW-Year 1)**. Included below is the preliminary project scope. Please contact Cindy Washington at the Augusta Utilities office at 706-312-4132 in order to schedule a meeting to discuss the scope in greater detail. After the first meeting, AUD will receive a proposal for the scope of work, and contract negotiations will follow.

Preliminary Scope

Eisenhower Army Medical Center is currently served by several hundred feet of gravity sewer that falls to a regional lift station. The sewage is then pumped over a ridge to enter the Fort Gordon Collector Network which then drains to a treatment plant and ultimately to Spirit Creek. AUD is requesting a sanitary sewer design that will follow the natural topography down to the Butler Creek trunk sewerline which borders Fort Gordon's property.

The scope of work should include costs to perform the preliminary site inspection, engineering analysis, bid package preparation, bid phase support, and construction phase support services.

A map showing the general project area is attached.

Should you have any questions prior to our first meeting, please contact the Augusta Utilities office at 706-312-4132. AUD looks forward to working with your firm.

Sincerely,

A handwritten signature in blue ink that reads "Geri Sams".

Geri A. Sams
Procurement Director

cc: Clifford A. Goins, Interim Director
Wes Byne, Assistant Director
Russell Thies, Assistant Director of Construction & Maintenance
Horace Luke, Assistant Director of Fort Gordon Operations

Room 605 - 530 Greene Street, Augusta Georgia 30911
(706) 821-2422 - Fax (706) 821-2811

www.augustaga.gov

Register at www.demandstar.com/supplier for automatic bid notification

Item # 11



Engineering Services Committee Meeting

10/27/2008 1:15 PM

Design Contract for Augusta Utilities Department Project Fort Gordon Water Meter and Backflow Device Replacements.

Department: Augusta Utilities Department

Caption: Approve design contract to WK Dickson (WKD), Inc. in the amount of \$52,850.00 for the Water Meters and Backflow Devices Replacements for Fort Gordon.

Background: The Privatization of Water/Wastewater Utilities contract between Fort Gordon and Augusta Richmond County was awarded September 2007. The requirements of the contract include executing Initial Capital Upgrades (ICU) and Renewal & Replacement (R & R) projects for the water and wastewater systems throughout the installation of Fort Gordon. One of the Initial Capital Upgrade projects is to provide and up-grade Fort Gordon water meters. Also, one of the Renewal & Replacement projects is to provide and up-grade Fort Gordon backflow devices. Fort Gordon has approximately 85 water meters which are installed at various locations in and around buildings. In addition, there are 85 residential and commercial backflow devices previously installed by Fort Gordon requiring replacement by this project to help improved its backflow prevention program. WK Dickson will examine each site and develop a plan to relocate/replace these meters and backflow devices appropriately.

Analysis: Augusta Utilities Department evaluated WK Dickson Inc proposal for engineering services to design the Water Meter and Backflow Replacements for Fort Gordon residential and commercial sites. The proposal was considered fair and reasonable to accomplish the project.

Financial Impact: The amount submitted for the design of this project was \$52,850.00. \$30,000.00 from account 507043410-5212115 / 88880102-5212115 and \$22,850.00 from account 507043410-5425110 / 88880102-5425110

Alternatives: 1. Reject the award of the engineering contract, which would delay the design of the project and the installation of the Water Meter and Backflow Replacements for Fort Gordon residential and commercial sites. 2. Award the engineering contract to WK Dickson to design the Water Meter and Backflow Replacement for Fort Gordon residential and commercial sites

Recommendation: Recommend award of the design contract for the Water Meter and Backflow Replacements for Fort Gordon residential and commercial sites to WK Dickson (WKD) at \$52,850.00

Cover Memo

Funds are Available in \$30,000.00 from account 507043410-5212115 / 88880102-5212115 and

Item # 12

**the Following
Accounts:**

\$22,850.00 from account 507043410-5425110 / 88880102-5425110
=\$52,850.00

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.**



October 9, 2008

Mr. Jerry Delaughter
Assistant Director - Engineering Division
Augusta Utilities Department
360 Bay Street, Suite 180
Augusta, Georgia 30901

RE: Proposal for Professional Services
Fort Gordon Water Meter and Backflow Devices
RFQ #08-173 (Ref.#05-087)

Dear Mr. Delaughter:

WK Dickson (WKD) appreciates the opportunity to present our proposal to provide professional engineering and surveying services for the water meter and backflow replacement program at Fort Gordon. Please find enclosed for your review a scope of work, man-hour estimate for WKD services, and estimated construction costs for the proposed project.

We look forward to working with you on this most important project and are ready to begin upon receipt of an executed agreement. We would welcome the opportunity to meet with you or your project manager and discuss any items in this proposal that need clarification.

Sincerely,

W.K. DICKSON & CO., INC.

A handwritten signature in black ink, reading 'William G. Wingate III'. The signature is fluid and cursive, with a prominent 'W' and 'G'.

William G. Wingate III, P.E.

Vice President

Enc.

1450 Greene Street
Suite 225
Augusta, GA 30901
Tel. 706.722.3479
Fax 706.722.6773
www.wkdickson.com

Item # 12

Transportation • Water Resources • Urban Development • Geomatics

Mr. Jerry Delaughter
October 9, 2008
Page 2 of 4

**FORT GORDON WATER METER
AND BACKFLOW DEVICES
RFQ #08-173 (REF.#05-087)**

PROJECT SUMMARY

Fort Gordon has approximately 85 water meters which are installed at various locations in and around buildings on the Post. In addition, there are residential and commercial backflow devices installed for convenience as the Post developed its backflow program. This project should inspect each site and develop a plan to provide an external meter and backflow device in order to more accurately identify the line of service for Augusta Utilities Department.

SCOPE OF SERVICES

WK Dickson (WKD) will assist Augusta Utilities Department (AUD) by performing the engineering and construction administration services to coordinate the replacement of the water meters and backflow devices as listed in Exhibit A. Below you will find the specific work items associated with this proposal and the associated fees and responsibilities.

A. SITE EVALUATION AND MAPPING

WKD proposes to complete field evaluations and related mapping for the proposed water meters and backflow devices. Work in this phase will include the following:

- Inspect each water meter site to develop a plan for relocation and replacement.
- Dimension each existing water meter and backflow device to be removed or abandoned in place. Inspect and dimension all new meter location outside the existing buildings in an area determined by AUD.
- Develop construction strategies for the replacement of the water meters and backflow devices with AUD.

B. UTILITY LOCATION

WKD will locate visible above ground and subsurface utilities that are fifteen feet (15') on either side of proposed pipe trench or meter replacement location. We will attempt to locate underground utilities such as water, sewer, and Stormwater with the assistance of Augusta Utilities Department and will map other underground utilities (such as gas, telephone, cable and power) as marked in the field by Fort Gordon's internal utility locate service. WKD will facilitate the Fort Gordon utility locate process.

C. ENGINEERING DESIGN

Utilizing the design surveying, mapping and utility locations, final plans and specifications will be developed for the proposed replacement of the water meters and backflow devices. Work in this phase will include the following:

Mr. Jerry Delaughter
October 9, 2008
Page 3 of 4

- Prepare a 24" x 36" drawing showing the overall locations of the existing meters to be relocated.
- Prepare a 24" x 36" drawing showing the overall locations of the new relocated water meters and backflow devices.
- Prepare drawings showing each water meter and backflow device to be replaced. A demolition and final plan will be created for each site all having horizontal and vertical dimensions adequate for a contractor to remove and install the new meter and backflow device. A photograph of the existing conditions will also be part of the final design package.
- Prepare detail sheets for the installation of the water meters and backflow devices.
- Evaluate and review with AUD the project scope and construction budget to confirm the design concept meets AUD standards.
- Meet with other Utilities Companies that have services within the work area that may be affected by the new construction.
- Review Plans and findings with AUD for concurrence.
- Develop construction materials and labor estimates for the best and efficient construction option.
- Show the necessary erosion control measures for the entire project and prepare erosion control details.
- Prepare technical specifications on materials and workmanship.
- Prepare construction cost estimates at each review stage 30%, 60%, 90%, and with the submittal of final documents.

D. CONSTRUCTION BIDDING & NEGOTIATIONS

Upon receiving the approvals from AUD, WKD will proceed with the Construction Bidding portion of the project consisting of the following tasks:

- Coordinate with the City Purchasing Department to advertise the project.
- Fax bid information to the City.
- Attend one mandatory pre-bid meeting as a technical reference to the City.
- Attend bid opening, review bids, and issue a recommendation for award.
- If AUD elects to use a Contractor which has a daily rate for labor, WKD will assist AUD with the negotiations of the contract with the daily rate Contractor.

E. CONSTRUCTION ADMINISTRATION

WKD will perform the following tasks during construction:

- Develop conformed contract documents to be used and forward to AUD for execution.
- Attend a pre-construction meeting as a technical reference for AUD.
- Recommend design changes as field conflicts arise.
- Review and approve pay requests from the construction contractor (line of Communication will be construction contractor to resident observer to WKD to City).
- Provide field visits to observe construction progress and make recommendations to AUD to resolve conflicts with existing field conditions.

Mr. Jerry Delaughter
October 9, 2008
Page 4 of 4

- Provide monthly reports summarizing the work progress and construction conflicts. Provide clarification related to the plans/specifications throughout design and construction.
- Provide electronic record drawings at completion of the project. This will be based on red line drawings from the contractor supplied by AUD. It is AUD's intent to install the new meters in four phases up to twenty meters per phase in a twelve month construction period.

DELIVERABLES

WKD will provide the following deliverables:

- 30-60-90-Final Construction Documents – 3 sets
- An opinion of probable construction cost will be delivered at each stage of the plan development process – 3 sets.
- Technical Specification & Contract Documents – Initially provided with the 60% Phase submittal. Specification and Contract Documents will be updated with each subsequent submittal – 3 sets.
- Bidding and Negotiation support.
- Periodic Construction Observation Services throughout the project.
- Digital copy of record drawings after construction is complete – one set.

PROJECT SCHEDULE

Approximate time frames for delivery of the services are shown below. A detail project schedule will be provided before initiating services. Project schedules will include task-based scheduling, milestone dates, and estimated agency review periods.

- | | |
|-----------------------|-----------|
| • Utility Locates | 3-4 weeks |
| • Survey and Mapping | 1 week |
| • 30% Phase: | 2 weeks |
| • 60% Phase: | 2 weeks |
| • 90% Phase: | 2 weeks |
| • Final (100%) Phase: | 1 week |

COMPENSATION

Basic Services: The City shall pay WK Dickson for services set forth in Scope of Services, the Lump Sum Fees as show in the attached Exhibit B: Man-Hour Summary and Fee Schedule. A percentage of the Lump Sum Fee will be billed on the last day of each month. The percentage billed will be the percentage of work estimated to be complete as of the day of billing.

EXHIBIT A - LIST OF METERS TO BE REPLACED AT FORT GORDON

Contract Meter #	Building Number Location	Size	Type	Mfg	Date	Comments
1	AAFES 100	1"	PD	Hersey	9/8/2008	Gate 1 station back of bldg
2	Science Center	4"	Turbo	bdgr	9/8/2008	On right of rd past fisher hs
3	Animal Clinic 500	2"	Turbo	bdgr	9/8/2008	mechanical rm
4	Heli pad irr 300	4"	Turbo	bdgr	9/8/2008	1st meter far right of pad
5	Med Center 300	3"		neptune	9/8/2008	2nd meter right of pad
7	Hospital Clinic 301	3"	Turbo	bdgr	9/8/2008	mechanical rm east end
8	Army med center 308	1.5"	PD	bdgr	9/8/2008	mechanical rm left of hosp
9	Lawn irr 310	4"	Turbo	sens	9/8/2008	meter box
10	EHH 319	3"	Turbo	bdgr	9/8/2008	mechanical rm
11	EAMC 320	3"	Turbo	bdgr		mecanical rm
12	EAMC 357	1"	PD	bdgr	9/8/2008	under bldg
13	EAMH 358	1"	PD	bdgr	9/8/2008	under bldg left side
14	Med Center 300					Not used
15	Lawn irr ER 300	4"	Turbo	sens	9/8/2008	irrigation
16	Fisher House 280	1.5"	PD	bdgr	9/8/2008	irrigation right entrance
17	Fisher House 280	1.5"	PD	bdgr	9/8/2008	laundry/mechanical rm
18	33512	1.5"	PD	Invtsy	9/5/2008	Behind Library Rice
19	O Club 36708	3"	Turbo	Rock	9/5/2008	right of bldg by dumpster
20	O Club 36708	2"	u/k	KENT	9/5/2008	2nd meter from dumpster
21	Ring Hall 36713	1"	PD	KENT	9/5/2008	by VOQ Sign
22	Med Center 38707	1.5"	PD	bdgr	9/5/2008	mechanical rm
23	Med Center 38711	1.5"	PD	bdgr	9/5/2008	mechanical rm
24	Med Center 38713	1.5"	PD	bdgr	9/5/2008	mechanical rm
25	Med Center 38715	2"	Turbo	bdgr	9/5/2008	ladys rm
26	Med Center 38717	2"	Turbo	bdgr	9/5/2008	ladys rm
27	Med Center 38801B	2"	Turbo	bdgr	9/5/2008	mens rm
28	Med Center 38802	1.5"	PD	bdgr	9/5/2008	mechanical rm
29	Med Center 38803	1.5"	PD	bdgr	9/5/2008	inside ladys rm
30	Med Center 39710	2"	Turbo	bdgr	9/5/2008	inside bldg
31	Med Center 39718	1.5"	PD	bdgr	vacant	restroom in bldg
32	Med Center 39719				vacant	
33	Med Center 40701	1.5"	PD	bdgr	9/5/2008	Storage rm 41st St
34	Med Center 40707	1.5"	PD	bdgr		Storage rm 41st St
35	Med Center 40709	1.5"	PD	bdgr	9/5/2008	Shower rm
36	Freedom Elementary	3"	Turbo	sens	9/4/2008	pit on brainard
37	AAFES 49300	2"	PD	bdgr	9/4/2008	Gate 5 station by tanks
38	EAMC 39103				vacant	Vacant no access
39	EAMC 39109	3"	Turbo	bdgr	9/8/2008	Mechanical rm 40 TH ST

EXHIBIT A - LIST OF METERS TO BE REPLACED AT FORT GORDON

Contract Meter #	Building Number Location	Size	Type	Mfg	Date	Comments
40	New PX 38200	2"	PD	bdgr	9/4/2008	Mechanical rm
41	Commissary 37200	3"	Turbo	bdgr	9/8/2008	Mechanical rm
42	Bowling Center 33200	2"	PD	KENT	9/4/2008	Mechanical rm
43	DCA 32200	2"	PD	sens	9/4/2008	Right side of bldg
44	Class 6 31300	2"	Turbo	Rock	9/4/2008	Pit on 31st
45	New Car Wash	2"	PD	sens	9/4/2008	Lane & 31st
46	Burger King 35402	2"	PD	sens	9/5/2008	Ave of states
47	Barracks 28435	3"	Turbo	sens	9/5/2008	mechanical rm
48	Barracks 24404	3"	Turbo	sens	9/5/2008	Mechanical rm
49	24414					under bldg
50	Dental Clinic 25501	3"	Turbo	bdgr	9/5/2008	mechanical rm 25th st
51	25705	1.5"	PD	Rock	9/5/2008	pit on west end
52	Barracks 25708	3"	Turbo	bdgr	9/5/2008	Mechanical rm
53	AAFES 25711	2"	PD	sens	9/5/2008	26th St Burger King
54	Blood Bank 25712	2"	Turbo	bdgr	9/5/2008	mechanical rm 27th st
55	Health Clinic 21712	2"	Turbo	nep	9/5/2008	mechanical rm 22nd st
56	Med Center 29605	1.5"	PD	bdgr	9/5/2008	mechanical rm barnes
57	Clinic 29709	3"	Turbo	bdgr	9/5/2008	mechanical rm
58	Signal Towers 29808	2"	PD	bdgr	9/8/2008	In mechanical rm. Basement
59	Gordon Club 18400	3"	Turbo	bdgr	9/3/2008	rear on 19th
60	Bingo Palace 15500	5/8"	PD	KENT	9/3/2008	
61	81st reserve 14401	3"	Turbo	sens	9/3/2008	Mechanical rm
62	13401	3"	Turbo	bdgr	9/3/2008	by X-ing sign
63	RTS MED 14308	2"	PD	sens	9/3/2008	15th & lane
64	Gordon Lakes 531	1"	PD	bdgr	9/3/2008	
65	Gordon Lakes 537	2"	PD	bdgr	9/3/2008	rear of bldg
66	Stables 509					No meter
67	New NSA Bldg T-7000	3"	Turbo	sens	9/3/2008	15th st meter box
68	Gate 1 master meter	18"	Mag	Krohn	9/2/2008	behind gas st on trail
69	Gate 5 master meter	20"	Mag	Krohn	9/2/2008	Story dr Gordon Terr.
80	McNair Terrace	8"	Mag	rose	9/2/2008	Brainard entrance
81	Augusta Med Corrections	4"	Turbo	U/K	9/2/2008	Gate 3 @ Backflow

TOTAL METERS TO BE REPLACED = 70

EXHIBIT B: Man-Hour Summary

Project: Fort Gordon Water Meter & Backflow Replacement Project
Client: Augusta Utilities Department
 Augusta, Georgia

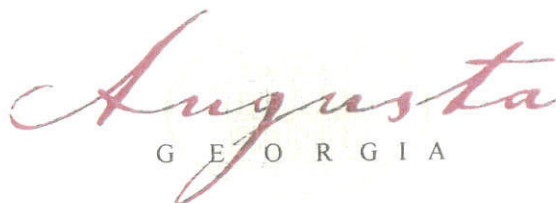
WKD No: M2000.WS.AG
Date: 10/01/08

Task No.	Phase Description	Total Man hours	Man-hour Summary					
			Principal Engineer	Sr. Project Manager	Engineer	Cadd Tech	Field Data	Administrative Asst.
A.	Site Evaluation and Mapping	110	4	16	16	0	70	4
B.	Utility Location	10	0	2	6	0	0	2
C.	Engineering Design	254	8	18	180	40	0	8
D.	Construction Bidding	35	3	8	16	0	0	8
E.	Construction Administration	80	8	32	32	0	0	8
F.	Electrical Design	16	0	16	0	0	0	0
TOTALS HOURS:		505	23	92	250	40	70	30

Phase Description		TOTAL LABOR	TOTAL DIRECT COST	TOTAL PHASE COSTS
A.	Site Evaluation and Mapping	\$ 11,250	\$ -	\$ 11,250
B.	Utility Location	\$ 980	\$ -	\$ 980
C.	Engineering Design	\$ 25,640	\$ -	\$ 25,640
D.	Construction Bidding	\$ 3,540	\$ -	\$ 3,540
E.	Construction Administration	\$ 9,200	\$ -	\$ 9,200
F.	Electrical Design	\$ 2,240	\$ -	\$ 2,240

TOTAL ESTIMATED COST = \$ 52,850

		% OF TOTAL
TOTAL ESTIMATED COST FOR METER REPLACEMENTS=	\$ 30,000	56.8%
TOTAL ESTIMATED COST FOR BACKFLOW DEVICES=	\$ 22,850	43.2%
TOTAL ESTIMATED COST =	\$ 52,850	100.0%



Procurement Department

Mrs. Geri Sams, Director

August 25, 2008

WK Dickson
1450 Greene St
Suite 225
Augusta, GA 30901
Attn: Trey Wingate, P.E.

Re: RFQ #08-173 (ref. RFQ #05-087)
Water Meters and Backflow Devices

Mr. Wingate,

In September, 2007, Augusta Utilities Department, AUD, acquired the water and sewer assets on Fort Gordon military base. AUD was authorized by the Augusta Commission on May 20, 2008 to use the 2004 Engineering Selection RFQ to select engineers for projects on Fort Gordon. Based on responses given in that RFQ, your firm was selected to provide engineering services for a project to **Replace Water Meters and Backflow Devices (ICU-0052)**. Included below is the preliminary project scope. Please contact Cindy Washington at the Augusta Utilities office at 706-312-4132 in order to schedule a meeting to discuss the scope in greater detail. After the first meeting, AUD will receive a proposal for the scope of work, and contract negotiations will follow.

Preliminary Scope

Fort Gordon has approximately 85 water meters which are installed at various locations in and around buildings on the fort. In addition, there are residential and commercial backflow devices installed for convenience as the Fort developed its backflow program. This project should inspect each site and develop a plan to provide an external meter and backflow device in order to more accurately identify the line of service for AUD.

The scope of work should include costs to perform the preliminary site inspection, engineering analysis, bid package preparation, bid phase support, and construction phase support services.

A map showing the general project area is attached.

Should you have any questions prior to our first meeting, please contact the Augusta Utilities office at 706-312-4132. AUD looks forward to working with your firm.

Sincerely,

A handwritten signature in blue ink that reads "Geri Sams".

Geri A. Sams
Director, Procurement

cc: Clifford A. Goins, Interim Director
Wes Byne, Assistant Director
Russell Thies, Assistant Director of Construction & Maintenance
Horace Luke, Assistant Director of Fort Gordon Operations

Room 605 - 530 Greene Street, Augusta Georgia 30911
(706) 821-2422 - Fax (706) 821-2811

www.augustaga.gov

Register at www.demandstar.com/supplier for automatic bid notification

Item # 12



Engineering Services Committee Meeting

10/27/2008 1:15 PM

Design contract for Augusta Utilities Department project Water Main Replacements for Fort Gordon Recreation Area at Thurmond Lake

Department: Augusta Utilities Department

Caption: Approve design contract to Khafra Engineering Consultants, Inc. in the amount of \$147,753.00 for the Water Main Replacements for Fort Gordon Recreation Area at Thurmond Lake Project.

Background: The privatization of water/wastewater utilities contract between Fort Gordon and Augusta Richmond County was awarded September 2007. The requirements of the contract include executing the Initial Capital Upgrades (ICU) of the water and wastewater systems throughout the installation of Fort Gordon. One of the Initial Capital Upgrade projects is to provide water main replacements for the Fort Gordon Recreational Area at Thurmond Lake. This project is being design to replace the existing 3" water main with an 8" water main that will allow adequate water supply to the area. The design will connect the new 8" water main to a Columbia County owned 12" water main near the intersection of Pike Avenue and Washington Road, and extend approximately 8,300 linear feet of 8" water main throughout the recreational area with service connections, fire hydrants, backflow prevention devices, and an auto flushing device. The design will also provide approximately 5,000 additional linear feet of 6" water main to serve the housing within the recreation area with water, and sufficient flow for fire protection.

Analysis: Augusta Utilities Department evaluated Khafra Engineering Consultants, Inc. proposal for engineering services to design the Water Main Replacements for Fort Gordon Recreation Area at Thurmond Lake Project. The proposal was considered fair and reasonable to accomplish the project.

Financial Impact: The amount submitted for the design of this project was \$147,753.00. These funds are available from the following account: 507043410-5212115

Alternatives: 1. Reject the award of the engineering contract, which would delay the design of the project and the construction of the Water Main Replacements for Fort Gordon Recreation Area at Thurmond Lake Project. 2. Award the engineering contract to Khafra Engineering Consultants, Inc. to design the Water Main Replacements for Fort Gordon Recreation Area at Thurmond Lake Project.

Recommendation: Recommend award of the design contract for the Water Main Replacements for Fort Gordon Recreation Area at Thurmond Lake to Khafra Engineering Consultants, Inc. be approved at \$147,753.00

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

\$147,753.00 from account 507043410-5212115

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

WATER MAIN REPLACEMENTS FOR FORT GORDON RECREATION AREA AT LAKE THURMOND

SCOPE OF SERVICES & ENGINEERING COST PROPOSALS

I. GENERAL

The objective of this capital project is to replace the existing 3-inch water main with an 8-inch water main that will allow adequate water supply to the Fort Gordon Recreation Area at Thurmond Lake in Columbia County, GA. A conceptual schematic of the proposed system is attached herewith. KHA-FRA will provide Engineering services for the Design, Bid and Construction phases of this project. The detailed scope of each of these phases is described as follows.

II. SERVICES DURING DESIGN PHASE

A. Project Description

1. Main Line along Pike Avenue
 - a. Provide design of a connection to a Columbia County owned 12-inch water main near the intersection of Washington Road and Pike Avenue. Design to include bore & jack installation of the 8-inch water main across Washington Road if necessary.
 - b. From the intersection of Washington Road and Pike Avenue, design approximately 8,300 LF of 8-inch water main complete with isolation valves, fire hydrants, water meter, backflow prevention devices, and auto flushing devices. Approximately 700 LF of the 8-inch main will be on Bass Drive between Pike Avenue and Bluegill Road.
 - c. Provide design for a 2-inch service main complete with meter and backflow prevention device to serve 8 existing cabins. Connections to individual cabins will not be required provided the existing service main can be located.
 - d. Provide design for a 2-inch service main complete with meter and backflow prevention device to serve the existing bathhouse and marina.
 - e. Individual service lines to the existing bathhouse and marina will be reconnected to the new 2-inch service main.
2. Branch Line along Deer Drive
 - a. From the intersection of Pike Avenue and Deer Drive, design approximately 1,500 LF of 6-inch water main complete with isolation valves, fire hydrants, and auto flushing devices.
 - b. Provide services to 5 existing cabins with 1-1/4 inch service lines complete with meters and backflow prevention devices.

3. Branch Line along Trout Road

- a. From the intersection of Pike Avenue and Trout Road, design approximately 900 LF of 6-inch water main complete with isolation valves, fire hydrants, and auto flushing devices.
- b. Provide design of a 2-inch service main complete with meter and backflow prevention device to serve a bathhouse and a RV Park. The new 2-inch service main will be reconnected to the existing service main.
- c. Individual services to the bath house and each RV Lot will not be required.

4. Branch Line along Bluegill Road

- a. From the intersection of Pike Avenue and Bluegill Road, design approximately 1,300 LF of 6-inch water main complete with isolation valves, fire hydrants, and auto flushing devices.
- b. Provide design of a 2-inch service main complete with meter and backflow prevention device to serve a future Convention Center.
- c. Demolition of an existing water tank at the intersection of Bass Drive and Bluegill Road.

Item # 13

5. Branch Line along Bass Drive

- a. From the intersection of Bluegill Road and Bass Drive, design approximately 1,000 LF of 6-inch water main complete with isolation valves, fire hydrants, and auto flushing devices.
- b. Provide design of a 2-inch service main complete with meter and backflow prevention device to serve an existing and 2 future Six-plexes.
- c. The service line to the existing six-plex will be reconnected to the new 2-inch service main.
- d. Provide design of a 2-inch service main complete with meter and backflow prevention device to serve a future RV Park.
- e. Provide design of a 2-inch service main complete with meter and backflow prevention device to serve an existing building at the end of the cul-de-sac.
- f. The service line to the existing building will be reconnected to the new 2-inch service main.

6. Branch Line along Army Road

- a. From the intersection of Pike Avenue and Army Road, design approximately 400 LF of 6-inch water main complete with isolation valves, fire hydrants, and auto flushing devices.
- b. The service line to an existing building on Army Road will be reconnected to the new 6-inch main.
- c. The 2-inch service main to an existing building and camp ground will be reconnected at the existing 2-inch meter and backflow preventer on Army Road.

B. Deliverables

1. 100% Ready-for-Bid package which includes:
 - a. Plan drawings showing proposed alignments of the replacement water mains complete with all required fittings, valves, hydrants, meters, backflow prevention devices, auto flushing devices, thrust restraints, and connections to existing and new service lines.
 - b. It is anticipated that Profiles of the water mains will not be required.
 - c. Specifications edited from the Master Specifications furnished by AUD.
 - d. All additional specifications required but not covered in the AUD Master Specifications.
 - e. Standard Details required but not covered by the AUD Master Standard Details.
 - f. Erosion and Sedimentation Control Plans, Notes, Details and BMP Certifications. It is anticipated that monitoring of the receiving water will not be required.
 - g. Number of sets and format of the bid package will be as determined by AUD.
2. Opinions of construction costs at the 30%, 60% and 100% design levels.
3. Intermediate submittals at the 30%, 60% and 95% design completion levels for AUD's review. Format and number of review sets will be as determined by AUD.

C. Additional Services During Design

1. Land Disturbance Permit (LDP)
 - a. KHAFFRA will coordinate with Columbia County Engineering Services or the Fort Gordon Base Civil Engineer regarding requirements of Land Disturbance permitting.
 - b. KHAFFRA will prepare documentation package in support of application for securing of the LDP.
 - c. KHAFFRA will secure LDP from County Engineering Services or Base Civil Engineer on behalf of AUD.
2. GA DOT Utility Facilities Encroachment Permit
 - a. KHAFFRA will coordinate with GA DOT regarding requirements of Utility Facilities Encroachment permitting.
 - b. KHAFFRA will prepare documentation package in support of application for securing of the GA DOT Utility Facilities Encroachment Permit.
3. Prepare review packages for Base Civil Engineer or Columbia County Agencies having jurisdiction over tree protection, fire protection, etc as necessary.

D. Design Schedule

The proposed Project Schedule through the Design Phase will be as per attached chart.

III. SERVICES DURING BID PHASE

KHAFRA will perform the following tasks during the bidding phase of this project:

- A. Coordinate with Augusta-Richmond County Procurement Department
- B. Attend and provide assistance to AUD in conducting the Pre-Bid conference.
- C. Address RFI's from potential bidders.
- D. Assist AUD in issuance of addendums.
- E. Attend Bid Opening meeting.
- F. Prepare Bid Tabulations.
- G. Evaluate Bids and prepare recommendations to AUD.
- H. Prepare Conformed Plan and Specifications.

IV. SERVICES DURING CONSTRUCTION PHASE

A. Construction Period

- 1. Construction duration assumed to be 180 calendar days from the issuance of Notice-To-Proceed to the winning contractor.

B. Office Engineering

KHAFRA will perform the following tasks during the construction phase of this project:

- 1. Attend and provide assistance to AUD in conducting the Pre-construction conference.
- 2. Review contractor's submittals.
- 3. Address RFI's from contractor.
- 4. Assist AUD in issuance of change order if necessary.
- 5. Attend Project progress meetings on a bi-weekly basis.

6. Perform site visits and prepare reports to AUD on a weekly basis.
7. Assist AUD in final inspection at substantial completion.
8. Assist AUD in preparing final punch list.
9. Prepare as-built documents based on information provided by the contractor's field records.

V. ENGINEERING COST PROPOSALS

A. Design Phase

1. The proposed Engineering cost for performing the above specified Services during Design Phase is **\$94,459**.
2. Itemized breakdown of the costs is detailed on Pages 1 & 2 of the attached Engineering Cost Proposal.

Item # 13

B. Bid Phase

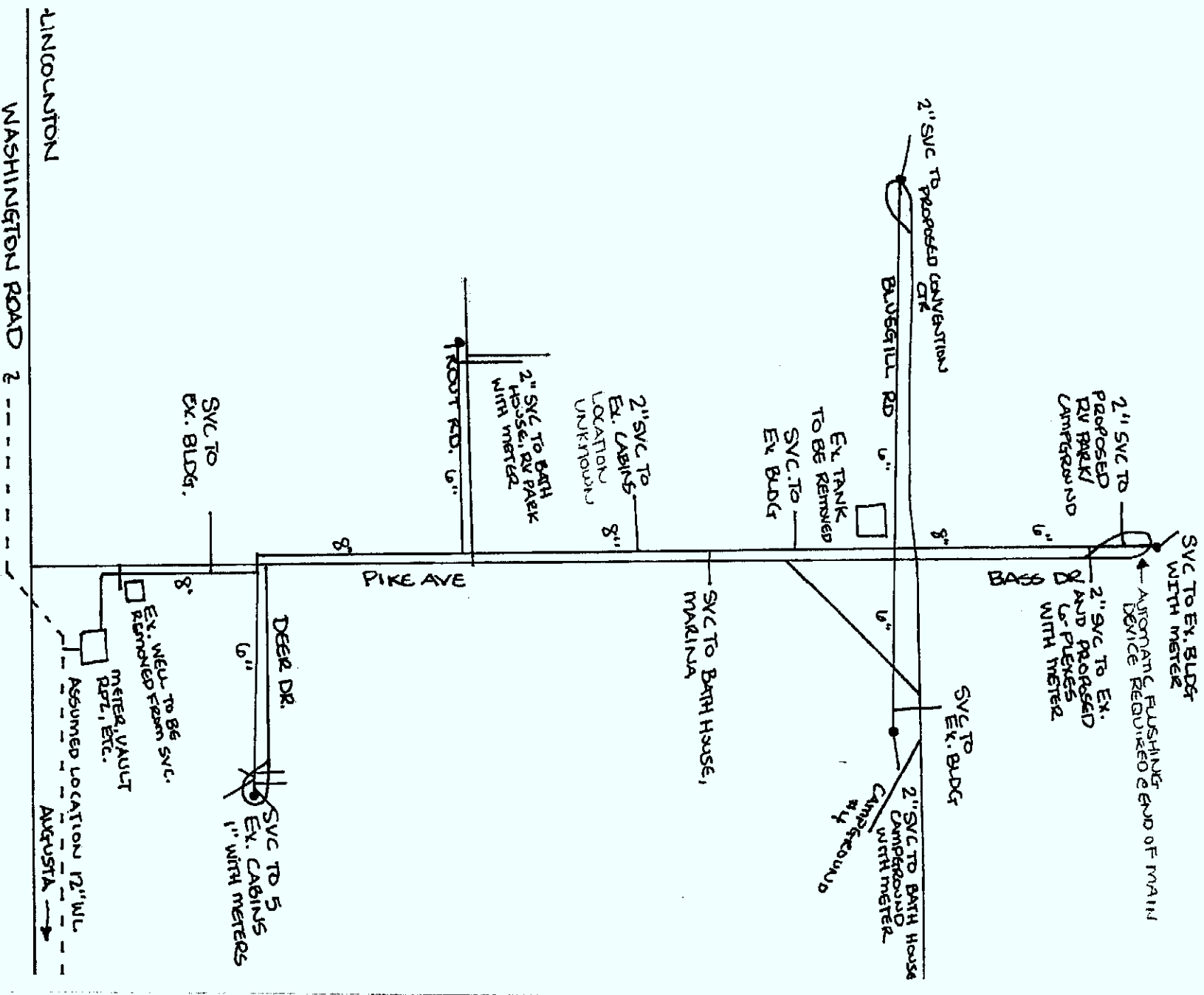
1. The proposed Engineering cost for performing the above specified Services during Bid Phase is **\$15,926**.
2. Itemized breakdown of the costs is detailed on Page 3 of the attached Engineering Cost Proposal.

C. Construction Phase

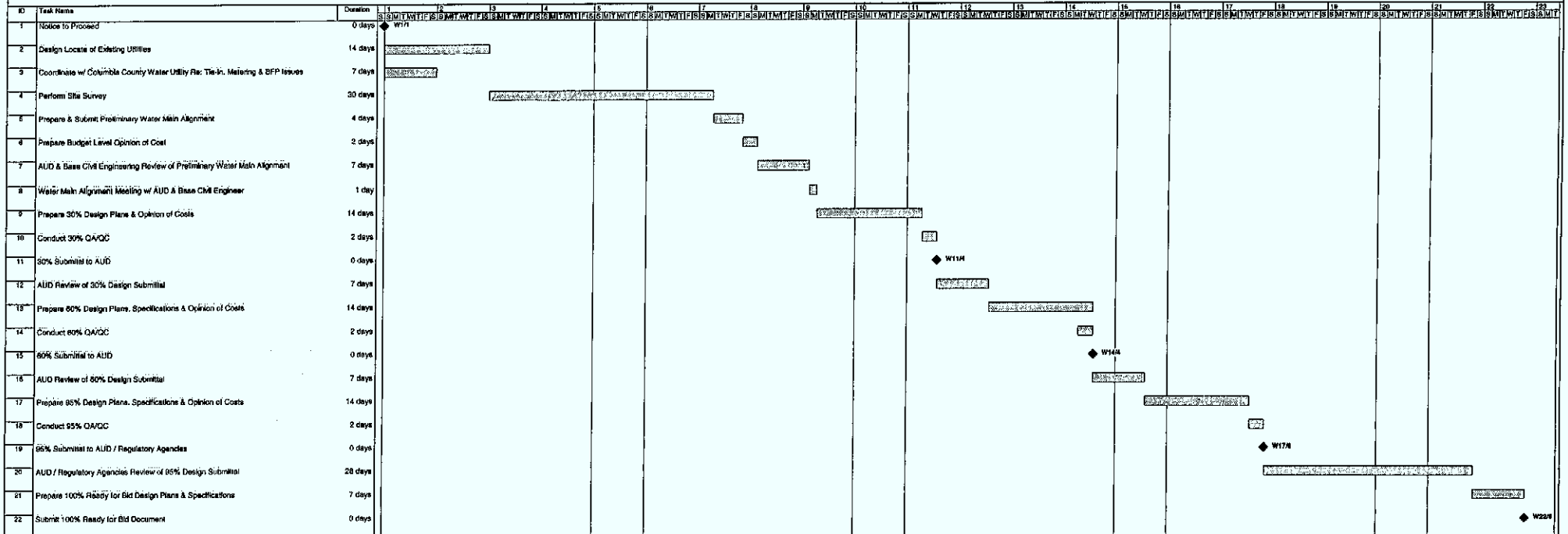
1. The proposed Engineering cost for performing the above specified Services during Bid Phase is **\$37,368**.
2. Itemized breakdown of the costs is detailed on Page 4 of the attached Engineering Cost Proposal.

WATER MAIN REPLACEMENTS FOR FORT GORDON RECREATION AREA AT LAKE THURMOND

SCHEMATIC



08AUG01 - Water Main Replacement for Fort Gordon Recreation Area at Thurmon Lake
Project Schedule



Item # 13

08AUG01 - WATER MAIN REPLACEMENTS FOR FORT GORDON RECREATION AREA AT THURMOND LAKE
ENGINEERING COST PROPOSAL
SERVICES DURING DESIGN PHASE

TASK NO.	WORK ELEMENTS	PROJ. MGMT. P.M.	CIVIL P.E.	CIVIL J.E.	ADMIN. CLERICAL	SURVEY Crew	TOTAL
----------	---------------	---------------------	---------------	---------------	--------------------	----------------	-------

PROJECT DEFINITION (30% DESIGN) PHASE							
SDD1	Initial Scoping Meeting	2	2				4
SDD2	Initial Site Visit	3	3				6
SDD3	Follow-up Site Visits		8	4			12
SDD4	Solicit Quotes from Potential Surveyors		4				4
SDD5	Collect & Review Existing Information		8				8
SDD6	Prepare Project Scope and Fee Proposal	8					8
SDD7	Follow-up Meeting w/ AUD to Finalize Scope & Fee	2	2				4
SDD8	Prepare Surveying Scope & Contract - Ground features & Topo @ 2-ft contours, Storm & Sanitary Sewers		4				4
SDD11	Interpret, Analyze and Incorporate Survey Data		4				4
SDD12	Prepare preliminary Water Main alignment drawings		4	4			8
SDD13	Follow-up Meeting w/ AUD to Finalize Water Main Alignment		2				2
SDD14	Coordinate w/ Columbia County Water Utility Re: 12-inch Tie-In, Metering & BFP		4				4
SDD15	Coordinate w/ Base Civil Engineer or Columbia County Engineering Services Re: LDP		4				4
SDD16	Coordinate w/ Base Civil Engineer or Columbia County Road Construction Re: Pavement Replacement/Open Cut		4				4
SDD17	Coordinate w/ Columbia County Agencies having jurisdiction over fire protection, tree protection, etc.		4				4
SDD18	Coordinate w/ GA DOT Re: R/W Encroachment @ Washington Road		4				4
SDD19	Review AUD furnished Standard Details to determine additional S.D. requirements		2	4			6
SDD20	Review AUD furnished Standard Specifications to determine additional Specification requirements		4				4
SDD21	Prepare 30% Design Review Package	8	29	52	14		103
SDD22	Prepare 30% Design Opinion of Construction Costs		8				8
SDD23	Perform Internal QA/QC		4				4
SDD24	Project Definition Phase (30%) Workshop w/ AUD	2	2				4
Labor Hours Subtotal Project Definition (30% Design) Phase		25	110	64	14		213

DESIGN DEVELOPMENT (60% DESIGN) PHASE							
SDD25	Prepare 60% Design Review Package	8	29	52	14		103
SDD26	Prepare 60% Design Opinion of Construction Costs		8				8
SDD27	Perform Internal QA/QC		6				6
SDD28	Project Design Development Phase (60%) Workshop w/ AUD	2	2				4
Labor Hours Subtotal Design Development (60% Design) Phase		10	45	52	14		121

FINAL CONSTRUCTION DOCUMENT (100% Design) PHASE							
SDD29	Prepare 95% Design Review Package	10	34	61	16.8		121
SDD30	Perform Internal QA/QC		8				8
SDD31	Project Final Design Phase Workshop w/ AUD	2	2				4
SDD32	Prepare LDP Application Package		12				12
SDD33	Prepare GA DOT Utility Facilities Encroachment Permit Application Package		12				12
SDD34	Prepare additional Review Packages for all Agencies having jurisdiction as necessary		12				12
SDD35	Prepare Quantities Take-off and Final Opinion of Construction Costs		12				12
SDD36	Prepare 100% Biddable Package	2	5	8.65	2.4		18
SDD37	Design Phase Close-out		8	8			16
Labor Hours Subtotal Final Construction Document (100% Design) Phase		14	104	77	19		215

ENGINEERING LABOR HOURS SUBTOTAL	49	259	193	48		549
HOURLY BILLING RATE	\$ 180.00	\$ 95.00	\$ 86.00	\$ 57.00		
ENGINEERING COST SUBTOTAL	\$ 8,820	\$ 24,605	\$ 16,598	\$ 2,736		\$ 52,759
TOPO AND BOUNDARY SURVEY					\$ 29,700	\$ 29,700
GEOTECHNICAL SURVEY (Requred Only if B&J Across Washington Road)					\$ 9,000	\$ 9,000
OTHER DIRECT COSTS						\$ 3,000
DESIGN PHASE GRAND TOTAL						\$ 94,459

08AUG01 - WATER MAIN REPLACEMENTS FOR FORT GORDON RECREATION AREA AT THURMOND LAKE
ENGINEERING COST PROPOSAL
DESIGN DOCUMENTS LEVEL OF EFFORTS (LOE)

DWG. NO.	DRAWING TITLE	PROJ. MGMT. P.M.	CIVIL P.E.	J.E.	ADMIN. CLERICAL	TOTAL
GENERAL						
G-1	Title Sheet/Vicinity Map/Index of Drawings		1	3		4
G-2	General Notes/Legends/Abbreviations,		1	3		4
G-3	Construction Notes		2	3		5
	Specifications - Division 0		4			4
	Specifications - Division 1		4			4
			12	9	8	29
			\$ 1,140	\$ 774	\$ 453	\$ 2,367

CIVIL						
C-1	Project Overall Site Plan/Existing Conditions		2	4		6
C-2	Plan - Proposed 8-inch Water Main STA. 0 + 00 to STA. 27 + 00		4	12		16
C-3	Plan - Proposed 8-inch Water Main STA. 27 + 00 to STA. 54 + 00		4	12		16
C-4	Plan - Proposed 8-inch Water Main STA. 54 + 00 to STA. 81 + 00		4	12		16
C-5	Plan - Proposed 8-inch Water Main STA. 81 + 00 to STA. 83 + 00		2	6		8
C-6	Plan - Proposed 6-inch Water Main - Deer Drive		4	12		16
C-7	Plan - Proposed 6-inch Water Main - Deer Drive		2	4		6
C-8	Plan - Proposed 6-inch Water Main - Blurgill Road/Army Road		4	12		16
C-9	Plan - Proposed 6-inch Water Main - Trout Road/Bass Drive		4	12		16
C-10	Profile - Jack & Bore - Washington Road Crossing		4	8		12
C-11	Miscellaneous Details - Meter & BFP Vaults		8	8		16
C-12	Erosion & Sedimentation Control Plan - STA. 1 + 00 to STA. 27 + 00		2	6		8
C-13	Erosion & Sedimentation Control Plan - STA. 27 + 00 to STA. 54 + 00		2	6		8
C-14	Erosion & Sedimentation Control Plan - STA. 54 + 00 to STA. 81 + 00		2	6		8
C-15	Erosion & Sedimentation Control Plan - STA. 81 + 00 to STA. 83 + 00		2	2		4
C-16	Erosion & Sedimentation Control Plan - Deer Drive		2	6		8
C-17	Erosion & Sedimentation Control Plan - Deer Drive		2	6		8
C-18	Erosion & Sedimentation Control Plan - Blurgill Road/Army Road		2	6		8
C-19	Erosion & Sedimentation Control Plan - Trout Road/Bass Drive		2	6		8
C-20	Erosion Control Details		4	2		6
C-21	Erosion Control Details		4	2		6
C-22	Erosion Control Certification/Notes & Legends		4	2		6
C-23	Water Main Connection Details		4	8		12
As Required	Standard Details		2	4		6
As Required	Specifications - Division 2		8			8
			84	164	40	288
			\$ 7,980	\$ 14,104	\$ 2,267	\$ 24,351

DESIGN DOCUMENTS LOE LABOR HOURS SUBTOTAL	96	173	48	317
HOURLY BILLING RATE	\$ 95.00	\$ 86.00	\$ 56.67	
DESIGN DOCUMENTS LOE COST SUBTOTAL (Included in the Design Phase Total)	\$ 9,120	\$ 14,878	\$ 2,720	\$ 26,718

08AUG01 - WATER MAIN REPLACEMENTS FOR FORT GORDON RECREATION AREA AT THURMOND LAKE
ENGINEERING COST PROPOSAL
SERVICES DURING BID PHASE

TASK NO.	WORK ELEMENTS	PROJ. MGMT.	CIVIL	ADMIN.	TOTAL
		P.M.	P.E.	J.E.	CLERICAL

BID PHASE SERVICES					
SDB1	Coordinate w/ Augusta Richmond County Procurement Department		16		16
SDB2	Pre-Bid Conference	2	8		10
SDB3	Bid Phase RFIs		16	24	40
SDB4	Prepare Addendums	2	24		26
SDB5	Bid Opening Meeting	2	2		4
SDB6	Prepare Conformed Documents		8	24	32
SDB7	Prepare Bid Tabulations		8		8
SDB8	Evaluate Bids and Prepare Recommendations		8		8

ENGINEERING LABOR HOURS SUBTOTAL	6	90	48	24	168
HOURLY BILLING RATE	\$ 180.00	\$ 95.00	\$ 86.00	\$ 57.00	
ENGINEERING COST SUBTOTAL	\$ 1,080	\$ 8,550	\$ 4,128	\$ 1,368	\$ 15,126
OTHER DIRECT COSTS					\$ 800
BID PHASE GRAND TOTAL					\$ 15,926

08AUG01 - WATER MAIN REPLACEMENTS FOR FORT GORDON RECREATION AREA AT THURMOND LAKE
ENGINEERING COST PROPOSAL
SERVICES DURING CONSTRUCTION

TASK NO.	WORK ELEMENTS	PROJECT MANAGEMENT	CIVIL		ADMIN.	TOTAL
		P.M.	P.E.	J.E.	CLERICAL	

OFFICE ENGINEERING						
SDC1	Project Manager	8				8
SDC2	Prepare & Conduct Pre-Construction Meeting	2	8			10
SDC3	Review Contractor's Submittals		40			40
SDC4	Respond To RFI's		40			40
SDC5	Prepare Change Orders		8	16		24
SDC6	Attend Bi-Weekly Construction Progress Meetings		40			40
SDC7	Weekly Site Visits		80			80
SDC8	Prepare Site Visit Reports		24			24
SDC11	Prepare As-Built Drawings		8	24		32
SDC12	Project Closeout & Document Archive		8	8		16

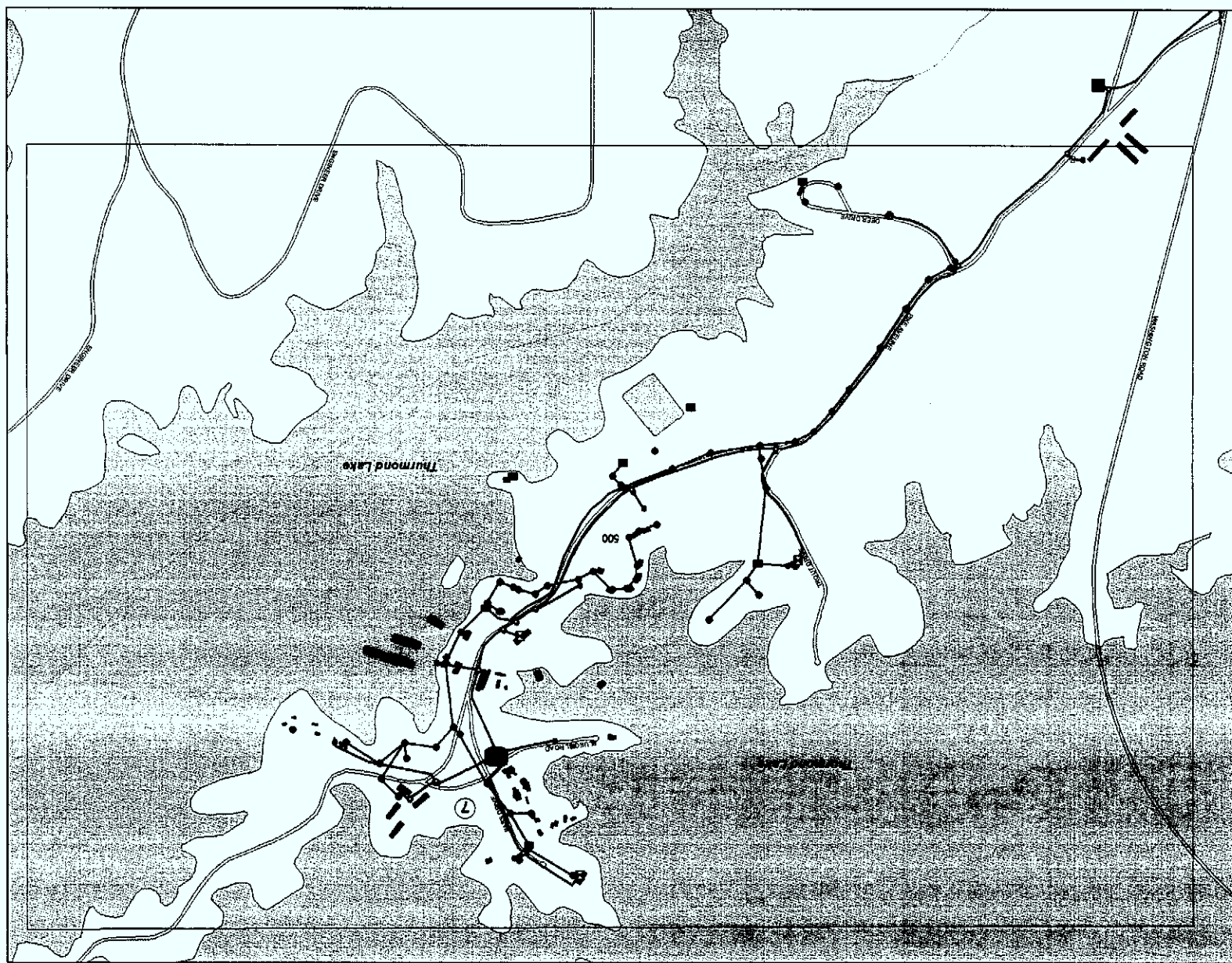
OFFICE ENGINEERING LABOR HOURS SUBTOTAL	10	264	48	80	402
HOURLY BILLING RATE	\$ 180.00	\$ 95.00	\$ 86.00	\$ 57.00	
ENGINEERING COST SUBTOTAL	\$ 1,800	\$ 25,080	\$ 4,128	\$ 4,560	\$ 35,568
OTHER DIRECT COSTS					\$ 1,800
CONSTRUCTION PHASE GRAND TOTAL					\$ 37,368



**Design a
Waterline Replacement Line
for
Fort Gordon Recreation Area
at Thurmond Lake**

**Augusta Utilities Department
Fort Gordon Project: 7**

VIDEO
Augusta



REVISED AUGUSTA POLICY REGARDING

SUB-CONTRACTING PLAN (111.3.2) AND SOCIO ECONOMIC PLAN (111.3.3)

JUNE 18, 2007

SS

Augusta, in the performance of this contract, shall comply with FAR 52.219-9 Small Business Sub-Contracting Plan as provided in the contract documents, to the extent allowed by Law and provided that Augusta will not be in violation of the Order of the United States District Court, Southern District of Georgia entered March 14, 2007 in the case of Thompson Building Wrecking v. Augusta, Georgia, Case No. 107CV-019, a copy of which is attached and incorporated herein by reference.

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF GEORGIA
AUGUSTA DIVISION

FILED
U.S. DISTRICT COURT
SAVANNAH DIV.

2007 MAR 14 PM 3:32

CLERK *DeJ*
SO. DIST. OF GA.

THOMPSON BUILDING WRECKING COMPANY,
INC., PAULETTE TUCKER ENTERPRISES, INC.,
d/b/a TUCKER GRADING AND HAULING,
RICHARD CALDWELL, d/b/a CLASSIC ROCK
HAULING, SIDNEY CULIARS, d/b/a SIDNEY
CULIARS TRUCKING,

Plaintiffs,

107CV019

v.
AUGUSTA, GEORGIA,

Defendant

ORDER

I. INTRODUCTION

In this civil rights action, various plaintiffs challenge the City of Augusta, Georgia's Disadvantaged Business Enterprises ("DBE") Program as unconstitutionally discriminatory. Doc. #1. They claim that the Program violates the Equal Protection Clause of the Fourteenth Amendment to the United States Constitution, as well as various provisions of the Georgia Constitution. *Id.* Because the Georgia Constitution claims raise novel issues of Georgia law -- whether the Augusta ordinance violates the Georgia Constitution -- this Court declines to exercise any jurisdiction it may have over them. 28 U.S.C. § 1367(c)(1); see *Parker v. Scrap Metal Processors, Inc.*, 468 F.3d 733, 643 (11th Cir. 2006) ("Any one of the section 1367(c) factors is sufficient to give the district court discretion to dismiss a case's supplemental state law claims"). The only issue now before the Court, then, is whether Augusta's DBE Program should be enjoined because it violates the United States Constitution.¹

The plaintiffs allege that prime contract bids containing DBE participation at the subcontract level are treated more favorably than bids without DBE participation at the subcontract level; in other words, the DBE Program encourages prime contractors to discriminate against subcontractors on the basis of race, gender, and relative economic advantage. Doc. #1 at 14-15; see doc. #5, ex. C at 1-66 (AUGUSTA CODE § 1-10-62(b)(9)); see also doc. #13 at 1 (the parties have stipulated that the City currently adds up to "20 points" to a proposal or bid that utilizes DBEs). According

for a project to demolish the Candy Factory Buildings in Augusta. See doc. #1 at 5-8 (describing facts surrounding the bidding for the Candy Factory Buildings demolition contract). At a 2/13/07 hearing, however, the parties represented that the Candy Factory Buildings contract was being litigated in state court, so the issue is not before this Court. Doc. #14. Thus, the plaintiffs have attacked the DBE Program facially, rather than based on an individual past application.

Additionally, the plaintiffs' complaint discusses alleged violations of the DBE Program by the City. *E.g.* doc. #1 at 15-16 (discussing businesses that were given DBE advantages despite not meeting DBE criteria and not being registered with the City). This seems relevant only to what could be read as an invocation of the due process "void for vagueness" doctrine. *Id.* at 19.

The challenge is that because the ordinance lacks adequate objective criteria for awarding contracts, city officials are acting arbitrarily and capriciously in violation of due process. See generally Note, *The Void-for-Vagueness Doctrine in the Supreme Court*, 109 U. Pa. L. REV. 67 (1960); Andrew E. Goldsmith, *The Void-for-Vagueness Doctrine in the Supreme Court*, *Revisited*, 30 AM. J. CRIM. L. 279 (2003). The plaintiffs ignore this argument in their TRO briefing.

¹ Much of plaintiff's complaint could also be read as a challenge to the DBE Program as applied during bidding

to the plaintiffs, this places them at a competitive disadvantage in bidding on Augusta projects. Doc. # 1 at 15.

On 2/13/07, this Court heard arguments on whether a temporary restraining order (TRO) should issue. The next day, it entered a 30-day restraining order requiring that any contracts entered by the City of Augusta be made without reference to the challenged DBE Program. Doc. # 6. With bids before it, the City of Augusta has stopped awarding contracts rather than award contracts without reference to the DBE Program. Doc. # 12 at 3 ("nine contract awards have been delayed since the entry of the Court's Order"). Of course, nothing in the Court's 2/14/07 Order requires the City to stop entering contracts; it simply requires that the City treat all companies the same, regardless of DBE status or DBE participation in a bid.

In any event, the parties have now briefed the Court on whether that Order should be extended or dissolved. Doc. ## 8-9. Meanwhile, the plaintiffs move for a contempt order, claiming that the City has violated the TRO, doc. # 16, but the Court will not pass on that until the City responds.

II. BACKGROUND

In 1994, concerned about the present effects of past discrimination in Augusta, the City commissioned the "Richmond County Disparity Study" (Study) - Augusta being the county seat of Richmond County. Doc. # 5, ex. A. The Study makes numerous factual findings, including "compelling evidence of a large disparity between the utilization of minority and women vendors and their availability in the Richmond County market area ... much of [which] is attributable to the past and present effects of discrimination." *Id.* at vi.

The Study examines the disparity in socioeconomic status among the various races.² Among the findings:

- The Richmond County population was 55.1% white, 42% black, .3% Native American, 1.7% Asian, and 2% Hispanic, *id.* at vii;
- "Black families in Richmond County [in 1994 were] nearly four times more likely to have incomes below the poverty level, [sic] than white families," *id.* at vi, 23;
- Black unemployment was more than twice that of whites, *id.* at vi, 22;
- The white high school graduation rate was 76.8%, whereas the black high school graduation rate was 61.2%, *id.*;
- The white college graduation rate was 21.7%, whereas the black college graduation rate was 9.8%, *id.*;
- White median family income was \$35,181, while black median family income was \$21,543; and whites are more likely to be employed in management positions, *id.* at vi, 23.

These socioeconomic differences, the Study concludes, "have a significant impact on the ability of blacks to start and grow businesses because they reduce the financial resources and market size and strength." *Id.* at vi.

² The study compared the socioeconomic status of whites, blacks, Hispanics, Asians, and Native Americans. Doc. # 5, ex. A at 22-23, 24-35. The conclusions drawn all refer only to the disparity between whites and blacks. *Id.* at vi-viii.

The Study next compares black-owned businesses in Augusta to those owned in other regions and those owned by other racial groups. *Id.* at vii, 43-45. According to the Study, the 925 black-owned businesses had a mean annual revenue of \$29,787. *Id.* at 44. This figure was statistically disparate from annual revenue of black businesses in the rest of the state (\$35,443) and country (\$46,593). *Id.* The 197 non-black minority firms had a mean annual revenue of \$86,603, and the 1,900 female-owned firms had a mean annual revenue of \$70,280. *Id.* The mean annual revenue of all Georgia firms was \$159,859, and the mean annual revenue of all U.S. firms was \$145,654. *Id.* at 44-45. A key datum, the mean annual revenue of all businesses in Richmond County, is missing.

The Study then discusses Georgia's racist history as it relates to contracting, including antebellum legislation making it illegal to contract with blacks "for the erection of buildings, or for the repair of buildings." *Id.* at vii-viii, 49-61.

Next, the Study describes the County's contracting outlays between 1992 and 1994. *Id.* at viii-x; *id.* at xvi-xxviii (charts of data). In 1992, the County awarded over \$27 million in contracts, of which 1.25% (around \$350,000) went to minority and women vendors. The percentages in 1993 and 1994 were 1.72% and 4.33% respectively. *Id.* at ix. The Study also noted a disparity in the "skew in awards," 28 for white firms, 5 for minority. *Id.* Though "skewness" is not explicitly defined, the Study notes that the disparity means that "disbursements to majority firms were five times more concentrated among a few firms than were disbursements to minority firms." *Id.*; see *id.* at xxi-xxii (charts 3.5 and 3.11).

The Study next discusses the City's record of

"purchase orders under \$1,500.00" in 1993. *Id.* at ix. The City fielded three telephone quotes for each such order. *Id.* Only 8% of the quotes were fielded from minority vendors in 1993, and only 1% of the dollar value went to minority vendors. *Id.*; see xxi-xxii (Charts 4.2 & 4.3). Minorities and women received 1.7% of contracts over \$5,000 in 1992 and 3.7% of such contracts in 1993. *Id.*

The City had 1,608 vendors available. *Id.* Minority and women firms constituted 12% (187) of them. *Id.* at ix-x. Of those 187, there were 88% black (85% male; 3% female); 8% white women; 3% Asian; and 1% Hispanic. Of the minority firms, 81% of those that responded to a survey never received a contract from the County, 47% believed white-male vendors were favored, 23% agreed or strongly agreed that their business had been discriminated against, 48% agreed that they had faced discrimination in seeking financing, and 36% agreed that they had encountered discrimination in pursuing contracts with majority firms. *Id.* at xi.

Finally, the Study includes anecdotal evidence of discrimination from 22 interviews conducted with minority and women vendors. *Id.*; see also *id.*, app. VIII (separately paginated section containing interview evidence). The Study characterizes the three types of discrimination encountered by the vendors as "Discrimination denying market access to competitive [vendors]," "Discrimination adversely affecting the ability of [vendors] to compete," and "Discrimination adversely affecting the availability of [vendors]." *Id.* at 1.

The Study draws the conclusion that "[t]he evidence documented herein points to the existence of significant racial and gender disparity in Richmond County Contracting [sic] and procurement." *Id.* at xiii-xiv. The Study

makes seven recommendations to cure the disparity:

- (1) create a program to "mandate race and gender conscious ... goals in contracting and procurement," including: bid preferences, requiring white-male firms subcontract with minority firms, prime contracts with minority firms, joint ventures between white-male and minority firms;
- (2) 21% utilization of minority- and female-owned businesses - 16% black, 3% white women, 2% asian and hispanic;
- (3) waiver of goals in product areas with few available minority and women vendors;
- (4) only use of local minority- and female-owned businesses should count toward the established goals;
- (5) the program should be fully staffed to deal with certification of businesses, contract monitoring, and supervising contract compliance in purchasing and procurement;
- (6) solicit more quotes from minority- and female-owned vendors on contracts under \$1,500;
- (7) create periodic reviews, graduation of businesses from the program, and a sunset on the program.

Id. at xiii-xiv.

Based on the Study, the City of Augusta enacted its DBE Program. See doc. # 5, exh. C

(AUGUSTA CODE §§ 1-10-58 to 1-10-62). The challenged part of the Program requires the City to

[i]nclude language in all formal bid documents requiring contractors to utilize [minority-owned, female-owned, and small businesses] to the maximum extent possible and economically feasible, as partners or subcontractors for service delivery or as suppliers of various goods required in the performance of the contract

AUGUSTA CODE § 1-10-62(b)(9). Pursuant to this section, the City includes the following language in its bid documents:

Augusta-Richmond County encourages minority participation through subcontracting, joint ventures, or other methods in contracting for services, in order to expedite the evaluation process, we have attached the Checklist for Good Faith Efforts, Proposed Disadvantaged Business Enterprise Participation, and Letter of Intent to Perform forms. The bidder should complete the Proposed DBE Participation Form, indicating the percentage of participation for this proposal. The completed form must accompany the proposal.

See doc. # 9 at 4 (Augusta's brief, quoting bid materials provided to contractors). The parties have stipulated that bids containing DBE Participation in their "Proposed DBE Participation Form" are treated more favorably than bids without DBE participation. Doc. # 13 at 1.

III. ANALYSIS

This Court's discretion to grant a TRO is limited:

The district court abuses its discretion when it grants a [TRO] in spite of the movant's failure to establish (1) a substantial likelihood that the movant will ultimately prevail on the merits; (2) that the movant will suffer irreparable injury unless the injunction issues; (3) that the threatened injury to the movant outweighs whatever damage the proposed injunction may cause the opposing party; and (4) that the injunction, if issued, would not be adverse to the public interest.

Warren Publ'g, Inc. v. Microdos Data Corp., 115 F.3d 1509, 1516 (11th Cir. 1997) (quotes and alterations omitted). "A preliminary injunction is an extraordinary and drastic remedy not to be granted unless the movant clearly established the burden of persuasion as to each of the four prerequisites." *Four Seasons Hotels & Resorts, B.V. v. Consorcio Barr, S.A.*, 320 F.3d 1205, 1210 (11th Cir. 2003).

Initially, the Court points out that the plaintiffs fail to establish a likelihood of success on the merits insofar as they attack the DBE Program's discrimination based on gender and economic status. See AUGUSTA CODE §§ 1-10-58(a)-(b) (minority person includes "female"; DBEs include businesses "not dominant in [their] field" and "regarded as small in size"). That is because the plaintiffs' arguments focus solely on the scheme's failure to meet strict scrutiny. Doc. # 2, 8. But under the Equal Protection Clause, legislation discriminating based on gender and economic status is subject to lesser judicial scrutiny. See *U.S. v. Virginia*,

518 U.S. 515, 532-33 (1996) (intermediate scrutiny for gender-based legislative discrimination; "Sex classifications may be used to compensate women for particular economic disabilities they have suffered [and] to promote equal employment opportunity" (quotes, cite, and original alterations omitted)); *Hodel v. Indiana*, 452 U.S. 314, 331 (1981) (rational-basis scrutiny for economic legislation; "Social and economic legislation ... that does not employ suspect classifications or impinge on fundamental rights must be upheld against equal protection, attack when the legislative means are rationally related to a legitimate governmental purpose"); see also *Eng'g Ass'n of Fla., Inc. v. Metropolitan Dade County*, 122 F.3d 895, 907-08 (11th Cir. 1997) (applying intermediate scrutiny to county program favoring female contractors). Therefore, the plaintiffs' TRO-extension request can succeed only insofar as it attacks the DBE Program's discrimination based on race.

1. Standing

The City primarily argues that plaintiffs are unlikely to succeed on the merits because they lack standing to challenge the DBE Program. Doc. # 9 at 9-12; doc. # 15 at 1-3.

Article III of the Constitution limits the jurisdiction of federal courts to "Cases" and "Controversies." One component of the case-or-controversy requirement is standing, which requires a plaintiff to demonstrate the now-familiar elements of injury in fact, causation, and redressability.

Lance v. Coffman, 127 S.Ct. 1194, 1196 (2007).

In *Adarand Constructors, Inc. v. Peña*, 515 U.S. 200 (1995), the Court discussed standing

under similar circumstances. There the federal government entered prime contracts with vendors that provided for extra compensation if subcontractors were run by "socially and economically disadvantaged individuals." *Id.* at 205. Most minority groups received a presumption of "socially and economically disadvantaged" status. *Id.* Adarand, a subcontractor not entitled to the presumption, sued. The Court held that Adarand had standing to challenge prospective application of the race-based presumption and to seek injunctive relief. *Id.* at 210-12.

The Court limited its analysis to the "injury in fact" standing requirement, which it held was met. *Id.* at 211. A plaintiff suffers injury in fact by "an invasion of a legally protected interest which is (a) concrete and particularized, and (b) actual or imminent, not conjectural or hypothetical." *Id.* (quoting *Lujan v. Defenders of Wildlife*, 504 U.S. 555, 560 (1992)). Preventing a contractor from competing on an equal footing is a particularized injury, so Adarand met the first portion of the "injury in fact" requirement. *Id.* (citing *Ne Fla. Chapter, Associated Gen. Contractors of America v. Jacksonville*, 508 U.S. 656, 667 (1993)). It met the second portion of "injury in fact" because it showed "that sometime in the relatively near future it will bid on another Government contract that offers financial incentives to a prime contractor for hiring disadvantaged subcontractors." *Id.* at 211-12. Thus, Adarand had standing to seek a prospective injunction.

In this case, the plaintiffs are a prime demolition contractor (Thompson) and three hauling subcontractors (Tucker, Caldwell, and Cullars). See doc. # 1 at 8-9. Among the subcontractors, Tucker is a DBE on non-race grounds and challenges the City's granting DBE status based on race; Caldwell and Cullars are

non-DBE subcontractors. All the plaintiffs regularly bid and work on Augusta projects. *Id.* at 10.

Caldwell and Cullars have standing, under *Adarand*, to prospectively challenge the City's favoritism toward prime contract bids containing DBE participation. Because the Program, like the program in *Adarand*, encourages prime contractors to discriminate between subcontractors, Caldwell and Cullars suffer the particularized injury of not being able to compete on equal footing with other subcontractors. *Adarand*, 515 U.S. at 200.

In addition, the subcontractors allege that they bid and work on City of Augusta projects, and will continue to do so. Doc. # 1 at 9-10 (Caldwell and Cullars are hauling subcontractors regularly working on Augusta projects; "Plaintiffs have and continue to bid on [Augusta's] projects, as contractors, subcontractors and/or vendors"). Because Augusta regularly enters contracts ("nine contract awards [were] delayed [in the 10 day period following] the entry of the Court's [2/14/07] Order," doc. # 12 at 3), the future injury to Caldwell and Cullars, like the future injury in *Adarand*, is imminent. Therefore, the Court rejects the City's standing argument.³

2. Substantial Likelihood of Success

The Court must next determine whether the plaintiffs are substantially likely to succeed in showing that the racial preference in the DBE Program violates the Equal Protection Clause. "[A]ll racial classifications, imposed by

³ Because Cullars and Caldwell have standing, it is not necessary, for purposes of this Order, to discuss whether Thompson and Tucker also have standing. Any argument on that score should be raised in a motion to dismiss.

whatever federal, state, or local governmental actor, must be analyzed by a reviewing court under strict scrutiny. In other words, such classifications are constitutional only if they are narrowly tailored measures that further compelling governmental interests." *Adarand*, 515 U.S. at 227.

The City first argues that "all that is required for vendors to comply with Augusta's DBE Program is to make an appropriate good faith effort [to ensure DBE participation]." Doc. # 15 at 3. The implication is that requiring a good faith effort to employ DBEs is not a racial classification, even if some DBEs qualify simply on the basis of race. Yet Augusta's bidding materials require contractors to submit a "Proposed DBE Participation" form, *see* doc. # 9 at 4 (Augusta's brief, quoting bid materials provided to contractors), and the parties stipulate that bids containing DBE participation are treated more favorably than bids without such participation. Doc. # 113 at 1. Because a person's business can qualify for the favorable treatment based on that person's race, while a similarly situated person of another race would not qualify, the Program contains a racial classification.

This classification actually harms the subcontractors in two ways. First, when bids are requested from prime contractors, the prime contractors will discriminate based on DBE status because their bid will be treated more favorably with DBE participation. Second, when the City decides between competing bids, with bid "one" containing minority DBE participation and bid "two" (equal in all other respects or even superior to bid one in other respects) containing a plaintiff's participation, the City will favor bid one. Because bid one would not be favored but for the plaintiff's owners failure to be of an Augusta-blessed

racial makeup, the City must show that the discriminatory program is narrowly tailored to meet a compelling interest.

That brings the Court to *Richmond v. J.A. Croson Co.*, 488 U.S. 469 (1989). In *Croson*, a plurality of the Court noted that a city "has a compelling interest in assuring that public dollars, drawn from the tax contributions of all citizens, do not serve to finance the evil of private prejudice." *Id.* at 492 (plurality).

"Thus, if the city could show it had essentially become a 'passive participant' in a system of racial exclusion practiced by elements of the local construction industry ... the city could take affirmative steps to dismantle such a system." *Id.* Though these statements were made in a three-justice plurality opinion, they were endorsed in majority portions of the opinion, *see, e.g., id.* at 504 (Opinion of the Court) ("States and their subdivisions may take remedial action when they possess evidence that their own spending practices are exacerbating a pattern of prior discrimination, [but] they must identify that discrimination, public or private, with some specificity before they may use race-conscious relief"), and by the Eleventh Circuit, *Eng'g Assocs.*, 122 F.3d at 907 (quoting the above, plurality portion of *Croson*).

The Eleventh Circuit has described a method for government to prove the existence of this compelling interest:

Public employers may ... justify affirmative action by demonstrating "gross statistical disparities" between the proportion of minorities hired by the public employer and the proportion of minorities willing and able to do the work. Anecdotal evidence may also be used to document discrimination,

especially if buttressed by relevant statistical evidence.

Ensley Branch, N.A.A.C.P. v. Seibels, 31 F.3d 1548, 1565 (11th Cir. 1994). The above-mentioned Study was Augusta's attempt to make this showing in 1994.

The Study found that of the 1,608 vendors available for contracting, minority and women firms constitute 12% (187). Doc. # 5, exh. A at ix-x. For the years 1992, 1993, and 1994, these firms received 1.25%, 1.72%, and 4.33% respectively of overall City contracting dollars. *Id.* at viii-ix. In other words, while white males ran only 88% of the City's contracting concerns, they averaged around 98% of the annual contracting dollars. These statistics buttressed the Study's anecdotal evidence of discrimination, received from minority and women contractors. Doc. # 5, exh. A, app. VIII at 1-8.

The Study, however, is not without flaws. The discrimination the City is attempting to justify operates between subcontractors. Only evidence showing that subcontractors of race "A" are discriminated against to the advantage of subcontractors of race "B" justifies governmental action attempting to cure the burden by favoring subcontractors of race A. See *Crosen*, 488 U.S. at 504; *cf. id.* at 499 ("It is sheer speculation how many minority firms there would be in Richmond absent past societal discrimination.... Defining these sorts of injuries as 'identified discrimination' would give local governments license to create a patchwork of racial preferences based on statistical generalizations about any particular field of endeavor"). For this reason, much of the Study is irrelevant to whether the City has a compelling interest in discriminating between subcontractors on the basis of race. *E.g.*, Doc.

5, exh. A at vi-vii (socioeconomic status of racial groups in Augusta area).

Furthermore, the City must rely on narrowly tailored data to achieve what precedent requires: a narrowly tailored program. The Study's data lumps all minority and women vendors into a single group and compares that group to all "majority" vendors (i.e., white male vendors). *Id.* at viii-x. But to establish a compelling interest that justifies narrowly tailored, race-based discrimination, better evidence would differentiate among the minority races. *Cf. Crosen*, 488 U.S. at 506 ("If a 30% set-aside was 'narrowly tailored' to compensate black contractors for past discrimination, one may legitimately ask why they are forced to share this 'remedial relief' with an Aleut citizen who moves to Richmond tomorrow? The gross overinclusiveness of Richmond's racial preference strongly impugns the city's claim of remedial motivation").

Too, it seems impossible to enact a narrowly tailored program by relying on evidence lumping gender- and race-based discrimination together, as the Study does. See *Eng'g Assocs.*, 122 F.3d at 919 n.4 (describing "the statistical phenomenon known as 'Simpson's Paradox,' which leads to illusory disparities in improperly aggregated data that disappear when the data are disaggregated"). For purposes of this motion, however, the Court will assume that the City will be able to show the existence of a compelling interest to enact an affirmative action plan in 1994.

The question then becomes whether the Program crafted in 1994 is narrowly tailored. Though it is possible that the substance of the attacked portion of the Program is narrowly

tailored, the Court need go no further than point out that the Program is still in place 13 years after the Study was compiled without any further investigation into the underlying reasons for creating a program, and without any sunset or expiration provision. Doc. # 13 at 1-2 (stipulations that the Program "does not have an expiration or sunset provision" and that the 1994 Study is "[t]he only disparity study on behalf of the Defendant"). Whether this defect is framed as a failure to show that the City has a compelling interest in 2007, as opposed to 1994, or a failure to prove that the Program adopted in 1994 was narrowly tailored temporally, the end result is that the plaintiffs are substantially likely to succeed on the merits.

This case demonstrates the need for unvarying vigilance against the arrogance of error too long unexamined. Government favoritism for one race over another, long borne of and too often perpetuated by evil motives, is rightly prohibited by the Equal Protection Clause. Equal protection simply *prohibits* government from favoring one race over another in contracting. Affirmative action is permitted very sparingly, and only where the government is convinced that not to take action would be passively engaging in the very racial discrimination that equal protection condemns. It would be impossible for Augusta to argue that, 13 years after last studying the issue, racial discrimination is so rampant in the Augusta contracting industry that the City must affirmatively act to avoid being complicit.

3. Irreparable Harm

The plaintiffs are substantially likely to succeed in proving that, when the City requests bids with minority DBE participation and in fact favors bids with such, the plaintiffs will suffer racial discrimination in violation of the Equal Protection Clause. Minority DBEs qualify for the Program based *solely* on the race of their owners. At the same time, a losing bidder's ability to prove the injury in each instance would be next to impossible (whether rejected by a prime contractor, or part of a bid rejected by the City, was the rejection because of the subcontractor's status as a non-DBE?). On top of that, the measure of damages would be speculative. Plaintiffs therefore face the prospect of irreparable injury every time bids are solicited and considered under the current scheme.

4. Damage to the Movant versus Damage to the Defendant

Augusta argues that it will be harmed by the delay to public works projects if the Court extends its injunction. Doc. # 9 at 13. As discussed above, nothing in the Court's 2/14/07 Order prevents the City from entering into public works contracts; it simply enjoins the City from using the DBE Program to enter contracts. Doc. # 6. Specific behavior (discrimination based on race), rather than the letting of municipal contracts, is the only thing being halted here.

5. Adverse to the Public Interest

The City argues that an injunction would be adverse to the public's interest in remedying

⁴ Again, Augusta requires bidders to submit "Proposed DBE Participation" with their bid. See doc. # 9 at 4 (Augusta's brief, quoting bid materials provided to contractors). Bids with DBE participation are treated more favorably. Doc. # 13 at 1.

past discrimination.⁵ Doc. # 9 at 13. The plaintiffs argue that *not* issuing an injunction would be adverse to the public's interest in equal protection under the law. Doc. # 12 at 11 (citing *Cone Corp. v. Hillsborough County*, 723 F. Supp. 669, 678 (M.D.Fla. 1989)).

Both arguments seem to beg ultimate questions at issue in the case. For present purposes it is sufficient to note that the City's reasoning would prevent TROs from ever issuing on legislation. For any piece of legislation with a rational basis, no matter how constitutionally odious, the argument can be made that "the public has an interest in [insert the rational basis for the legislation], so enjoining the legislation promoting that interest is adverse to the public interest." In short, the Court draws a distinction between an injunction that is adverse to the public interest and an injunction that merely limits the ability of government to promote a perceived public interest.

IV. CONCLUSION

The City of Augusta is hereby *ENJOINED*, for the pendency of this action, from favoring contract bids that contain "minority DBE" or "minority business enterprise" (or any other entity that qualifies as a DBE based on the racial composition of its ownership) participation over other bids.

Furthermore, the City is *ENJOINED*, for the pendency of this action, from distributing bid solicitation material, or otherwise publishing information in any manner, that would lead a bidder to believe that his bid would benefit from including "minority DBE" or "minority business

enterprise" (or any other entity that qualifies as a DBE based on the racial composition of its ownership) participation. The City shall, within 3 days of the date of this Order, post a copy of the Order in portable document format (pdf) on the City's procurement department homepage (<http://www.augusta.ga.gov/departments/purchasing/home.asp>) via a reasonably visible hyperlink entitled "Court Order Enjoining Race-Based Portion of DBE Program."

Finally, this injunction is binding upon the City, its officers, agents, servants, employees and attorneys, and upon those person in active concert or participation with it who receive actual notice of this injunction by personal service or otherwise. See F.R.Civ.P. 65(d).

This 14th day of March, 2007.


E. AVANT EDENFIELD, JUDGE
UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF GEORGIA

⁵ The City also reiterates the position that an injunction would harm the public's interest in timely awarding construction contracts. As discussed in part III(4), nothing in a well-defined injunction will delay any public project.



Engineering Services Committee Meeting

10/27/2008 1:15 PM

Design Contract for Fort Gordon Wastewater Connection (Force Main and Lift Station)

Department:	Augusta Utilities Department
Caption:	Approve award of a design contract in the amount of \$397,632.00 to ZEL Engineers for a wastewater connection (Force Main & Lift Station system) at Fort Gordon.
Background:	The Municipal Services Agreement (MSA) contract between the Augusta Richmond County and Fort Gordon was awarded September 2006. A requirement of the contract is to provide the wastewater connection from Fort Gordon to Augusta Richmond County wastewater collection system. This project design will provide this service by conveying the sewage flow to the Augusta Utilities Department (AUD) Butler Creek trunk sewer main via a pump station and force main. AUD will receive sewage from Fort Gordon through approximately 24,000 feet of properly sized sewage force main that will operate under low-head conditions during most operations. The proposed route will travel through firebreaks, across Highway 1, and then follow Spirit Creek to minimize environmental impacts along the route. The force main will be connected to the existing Fort Gordon collection system through a lift station that will be designed to operate both as a siphon station and as a normal lift station. The lift station will be designed to accommodate normal flows and to store high flows in order to meet the variable flow conditions currently exhibited on Fort Gordon. This proposal includes separate bid packages for the force main and lift station.
Analysis:	AUD evaluated ZEL Engineers proposal for engineering services to design the Fort Gordon wastewater connection (Force main/Lift Station). This proposal is considered fair and reasonable to accomplish the project.
Financial Impact:	The design proposal submitted for this project was \$397,632.00. These funds are available from the following accounts: 507043420-5212115
Alternatives:	1. Rejection of this award would delay the design and the subsequent construction of the wastewater connection (Force Main and Lift Station) delaying revenue for the Augusta Richmond County. 2. Award the design contract to ZEL Engineers
Recommendation:	Recommend award of the design contract to ZEL Engineers in the amount of \$ 397,632.00.
Funds are Available in the Following Accounts:	\$397,632.00 from account 507043420-5212115 Cover Memo Item # 14

REVIEWED AND APPROVED BY:

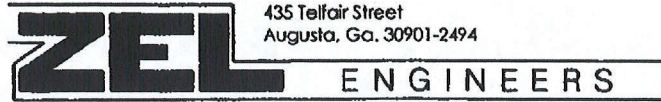
Finance.

Procurement.

Law.

Administrator.

Joseph J. Tankersley, P. E.
Jorge E. Jiménez, P. E.
Charles D. Drown, P. E.
Stacey W. Gordon, P. E.
Frank W. Byne, P. E.
Kenneth M. Wardenski, EIT, MCSE



435 Telfair Street
Augusta, Ga. 30901-2494

ZIMMERMAN, EVANS AND LEOPOLD, INC.

Founded 1946

(706) 724-5627 - FAX (706) 724-5789

Municipal Engineering
Water Plants - Distribution
Wastewater Plants - Collection
Investigations - Planning Studies
Recreational Facilities
Industrial Parks - Roadways
Civil - Structural - Mechanical
Electrical & Instrumentation

September 29, 2008

Mr. Jerry Delaughter, P.E.,
Assistant Director, Engineering
Augusta Utilities Department
360 Bay Street, Suite 180
Augusta, GA 30901

Dear Mr. Delaughter:

Zimmerman, Evans, and Leopold are pleased to provide a proposal for sanitary sewer service for Augusta Utilities Department's mission at Fort Gordon. We believe that this scope of work is inclusive and will provide an effective solution to the connection of the sanitary sewer to the Augusta Collector system.

AUD will receive sewage effluent from the Fort Gordon property through approximately 24,000 feet of appropriately sized sewage forcemain that will operate under low-head conditions during most operations. The proposed route will travel through firebreaks, across Highway 1, and then follow Spirit Creek to minimize environmental impacts along the route. The forcemain will be connected to the existing base collection system through a lift station that will be designed to operate both as a siphon station and as a normal lift station as conditions arise. The station will be designed to accommodate normal flows and to store high flows in order to meet the variable flow conditions currently exhibited on the base. This two-part approach will allow utilization of properly sized facilities to accommodate current and future conditions when the base infrastructure has been analyzed to remove any extraneous inflows.

This proposal includes separate bid packages for the forcemain and lift station.

An itemized schedule of services along with a description of service sections is included for your review.

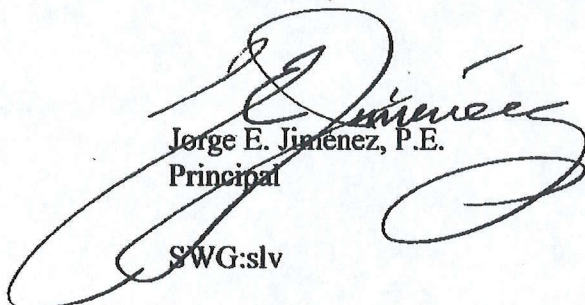
Mr. Jerry Delaughter, P.E.

Page 2

ZEL looks forward to working with AUD to complete this project.

Very truly yours,

ZIMMERMAN, EVANS AND LEOPOLD, INC.

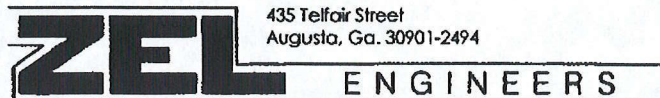


Jorge E. Jimenez, P.E.
Principal

SWG:slv

cc: Drew Goins

Joseph J. Tankersley, P. E.
Jorge E. Jiménez, P. E.
Charles D. Drown, P. E.
Stacey W. Gordon, P. E.
Frank W. Byne, P. E.
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Civil - Structural - Mechanical
Electrical & Instrumentation

Description of Services

Regulatory Services: Regulatory services include the complete preparation of documents to address environmental and regulatory components of the project. This scope of services includes interaction at the local, state, and federal levels to resolve any permitting issues during the pre-design and design stages.

Preliminary Services: Preliminary services are established to provide the design basis for the work to be performed on the project. The services include research on existing facilities and location of utilities along the path of the project, in addition to preliminary cost estimates. At the conclusion of the preliminary services stage, the project should be clearly defined for AUD, Fort Gordon, and ZEL, and the design should be established and a report will be generated to describe the design considerations.

Design Services: Design services include the preparation of the electrical, mechanical, and civil plans in addition to environmental plans. The design services stage will bring the conceptual plans to construction.

Bid Assistance: Bid Assistance services provide interaction between client, designer, and bidder in order to provide clear understanding of the expectations of AUD and Fort Gordon to the contracting community. Services include pre-bid meeting attendance and representation, and interpretations and clarifications of pre-bid addenda, in addition to providing expanded bid tabulations and preparing conformed contract documents.

Engineering During Construction Services: Engineering During Construction Services include attendance of the pre-construction meeting, review of material submissions, and performing periodic site visits to investigate progress during critical construction times. In addition, this includes conflict resolution in the field, and closure of documents and red-line to as-built drawing conversion.

Professional Services Worksheet			
Ft Gordon Siphon Station and Force Main - Spirit Ck Sewer			
Augusta Utilities Department			
ZEL Engineers		September 29, 2008	
Contract 1: Ft Gordon Siphon Station			
Contract 2: Pipeline from Ft Gordon and to Spirit Creek Sewer			
Task	Description	MAN - HRS	Costs
Engineering Services			
Regulatory			
			\$ 67,940
1	NPDES NW Permit, NOI, Contract 1	22	\$ 1,900
2	SE&SC Plan, Submittals	42	\$ 3,540
3	EPD Plan Submittal	29	\$ 2,690
4	Fauna, Flora, Wetlands Identification	136	\$ 16,160
5	Social and Cultural Resources Survey	88	\$ 10,040
6	NPDES Permit, NOI, Contract 2	76	\$ 8,500
7	Buffer Variance, EPD Coordination	112	\$ 12,400
8	EA Report Fort Gordon Routes	88	\$ 9,660
9	D O T Permit Hwy 1	33	\$ 3,050
			\$ 67,940
Preliminary, Contracts 1 & 2			
			\$ 87,620
10	Pump Station Design Criteria, Hydraulics	104	\$ 11,240
11	Pipeline Design Criteria, Hydraulics	32	\$ 3,380
12	Fort Gordon Record Plans Review Pumping Station	41	\$ 4,050
13	Pipeline path evaluation	56	\$ 5,000
14	DOT, AUD, and Ft Gordon Record Plans Review Pipeline	18	\$ 1,680
15	Translate Location of Utilities, Underground and Aerial	61	\$ 5,210
16	Crossing of Hwy 1 encroachment discussions (DOT)	15	\$ 1,410
17	Land requirements, Ownership, Easement potential	18	\$ 1,620
18	Cost Evaluations	21	\$ 2,190
19	Field Survey of Final Route	230	\$ 22,070
20	Field Survey Pump Station Site	45	\$ 4,030
21	Drawing of Existing Conditions (Pipeline)	75	\$ 5,180
22	Drawing of Existing Conditions, Pump Station Site	31	\$ 2,580
23	Drawing: Preliminary Arrangement - Pumping Station	43	\$ 3,240
24	Drawing: Preliminary Arrangement - Pipeline	33	\$ 2,160
25	Preliminary Engineering Recommendations and Project Scope	40	\$ 3,580
26	Preliminary (30%) Construction Cost Estimates Contract 1 Station	19	\$ 1,480
27	Preliminary Construction (30%) Cost Estimates Contract 2 Pipeline	19	\$ 1,480
28	Project Review and Owner Meetings (30) Contract 1 and 2	72	\$ 6,240

Design Services		\$ 133,940	
Contract 1: Pump Station			
29	Drawing: Cover Sheet - Contract 1	10	\$ 730
30	Drawing: General Arrangement - Contract 1	11	\$ 860
31	Drawing: Site, SE&SC Details, Etc.	14	\$ 1,010
32	Drawing: Structural and Details	24	\$ 1,620
33	Drawing: Site Piping Plan	25	\$ 1,750
34	Drawing: Electrical Power Supply	30	\$ 2,400
35	Drawing: Electrical Details, Backup Power	30	\$ 2,400
36	Drawing: Electrical Control, P&ID, & Flow Measurement	42	\$ 3,780
37	Drawing: Mechanical, Pumps Selection, Piping, Valving	88	\$ 7,240
38	Drawing: HVAC Contract 1	12	\$ 960
39	Drawing: Electrical Schedules Contract 1	44	\$ 3,440
40	Specifications for Equipment Contract 1	43	\$ 3,760
41	Coordination - Project Review with Staff Contract 1	44	\$ 4,820
42	Project Management Project Meetings - Contract 1	56	\$ 5,480
43	Construction Cost Estimates (60 90%) Contract 1 Siphon	36	\$ 3,360
44	Project Review (60 & 90 %) Contract 1	120	\$ 9,600
45	Final Contract Documents Contract 1	40	\$ 4,000
46	Compile Project Schedule for Construction Contract 1	24	\$ 2,940
			\$ 60,150
Contract 2: Pipeline Ft Gordon to Spirit Creek			
47	Coordination - Project Review with Staff Contract 2	44	\$ 4,820
48	Project Management Project Meetings - Contract 2	56	\$ 5,480
49	Drawing: Cover Sheet - Contract 2	10	\$ 730
50	Drawing: General Arrangement - Contract 2	11	\$ 860
51	Drawing: Soil Erosion and Sediment Control Plan, NPDES Requirements	56	\$ 3,920
52	Drawing: Soil Erosion and Sediment Control Plan Details, Schedule, Practices	37	\$ 2,590
53	Drawing: Sta 0+00 to 20+00 Plan and Profile	29	\$ 2,030
54	Drawing: Sta 20+00 to 40+00 Plan and Profile	29	\$ 2,030
55	Drawing: Sta 40+00 to 60+00 Plan and Profile	29	\$ 2,030
56	Drawing: Sta 60+00 to 80+00 Plan and Profile	29	\$ 2,030
57	Drawing: Sta 80+00 to 100+00 Plan and Profile	29	\$ 2,030
58	Drawing: Sta 100+00 to 120+00 Plan and Profile	29	\$ 2,030
59	Drawing: Sta 120+00 to 140+00 Plan and Profile	29	\$ 2,030
60	Drawing: Sta 140+00 to 160+00 Plan and Profile	29	\$ 2,030
61	Drawing: Sta 160+00 to 180+00 Plan and Profile	29	\$ 2,030
62	Drawing: Sta 180+00 to 200+00 Plan and Profile	29	\$ 2,030
63	Drawing: Sta 200+00 to 220+00 Plan and Profile	29	\$ 2,030
64	Drawing: Sta 220+00 to 240+00 Plan and Profile	29	\$ 2,030
65	Drawing: Standard Details	26	\$ 1,670
66	Drawing: Bore and Jack Details, 10 scale Views	56	\$ 3,800
67	Drawing: Specialty Structures, Details.	80	\$ 5,240
68	Construction Cost Estimates 60, 90% Contract 2 Pipeline	68	\$ 4,820
69	Project Review Definition (60 & 90%) Contract 2	60	\$ 4,800
70	Specifications for Equipment Contract 2	43	\$ 3,760
71	Final Contract Documents Contract 2	40	\$ 4,000
72	Compile Project Schedule for Construction Contract 2	24	\$ 2,940
			\$ 73,790
Contract 2 Sub Total			\$ 73,790

Bid Assistance Services			\$ 16,962
Contract 1			
73	Pre Bid Conference Contract 1	37	\$ 3,313
74	PreBid clarifications and interpretation, addenda, Contract 1	47	\$ 3,827
75	Bid Evaluation and Recommendation Contract 1	20	\$ 2,360
Contract 2			\$ 9,501
76	Pre Bid Conference Contract 2	21	\$ 2,193
77	PreBid clarifications and interpretation, addenda, Contract 2	47	\$ 3,827
78	Bid Evaluation and Recommendation Contract 2	12	\$ 1,440
			\$ 7,461
Engineering During Construction Services			\$ 79,671
Contract 1			
79	Pre Construction Conference Contract 1	20	\$ 1,850
80	Shop Drawing Review Contract 1	124	\$ 10,720
81	Bi-Weekly Progress Meeting Contract 1	76	\$ 8,260
82	Periodic Site Visits Contract 1	84	\$ 8,760
83	Conflict Resolution Contract 1	92	\$ 8,120
84	Final Inspection Contract 1	26	\$ 2,570
85	Closure Documents Contract 1	52	\$ 3,881
86	Certification Contract 1	6	\$ 720
			\$ 44,881
Contract 2			
87	Pre Construction Conference Contract 2	26	\$ 2,810
88	Shop Drawing Review Contract 2	68	\$ 5,360
89	Bi-Weekly Progress Meeting Contract 2	52	\$ 4,930
90	Periodic Site Visits Contract 2	74	\$ 5,600
91	Conflict Resolution Contract 2	84	\$ 7,260
92	Testing, Flushing Assistance	30	\$ 2,700
93	Final Inspection Contract 2	20	\$ 1,850
94	Closure Documents Contract 2	44	\$ 3,560
95	Certification Contract 2	6	\$ 720
			\$ 34,790
Reimbursable costs (printing and mileage)			\$ 11,300
Mileage, Trips x X miles			\$ 5,200
Printing (includes mailing costs):			
30% Submittal			\$ 720
60% Submittal			\$ 720
90% Submittal			\$ 720
100% Submittal			\$ 720
Executed Contracts			\$ 420
Regulatory Submittals			\$ 2,800
			\$ 11,300
TOTAL			\$ 397,632

Joseph J. Tankersley, P. E.
 Jorge E. Jiménez, P. E.
 Charles D. Drown, P. E.
 Stacey W. Gordon, P. E.
 Frank W. Byne, P. E.
 Kenneth M. Wardenski, EIT, MCSE
 Founded 1946

ZEL ENGINEERS
 435 Telfair Street
 Augusta, Ga. 30901-2494
ZIMMERMAN, EVANS AND LEOPOLD, INC.
 (706) 724-5627 – FAX (706) 724-5789

Municipal Engineering
 Water Plants – Distribution
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**Engineering and Preliminary Construction Schedule
 Fort Gordon Pump Station & Siphon**

Service Category	Contract #	Time (Months)	2008		2009												2010								
			Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Regulatory	Combined	4																							
Preliminary Engineering	Combined	4																							
Design	Pump Station	3																							
	Pipeline	3																							
Bid Assistance Services	Pump Station	3																							
	Pipeline	3																							
Engineering During	Pump Station	10																							
Construction Services	Pipeline	12																							



Procurement Department

Mrs. Geri Sams, Director

August 25, 2008

ZEL Engineers
435 Telfair St
Augusta, GA 30901
Attn: Jorge Jimenez, P.E.

Re: RFQ #08-173 (ref. RFQ #05-087)
Lift Station and Siphon

Mr. Jimenez,

In September, 2007, Augusta Utilities Department, AUD, acquired the water and sewer assets on Fort Gordon military base. AUD was authorized by the Augusta Commission on May 20, 2008 to use the 2004 Engineering Selection RFQ to select engineers for projects on Fort Gordon. Based on responses given in that RFQ, your firm was selected to provide engineering services for a project to **Design a lift station and Forcemain/Siphon (MSA-0001AD)**. Included below is the preliminary project scope. Please contact Cindy Washington at the Augusta Utilities office at 706-312-4132 in order to schedule a meeting to discuss the scope in greater detail. After the first meeting, AUD will receive a proposal for the scope of work, and contract negotiations will follow.

Preliminary Scope

Fort Gordon has an existing Wastewater Treatment Plant that serves the base. As part of the Municipal Services Agreement with AUD, a new lift station and forcemain will be designed to convey the sewage to an Augusta Sewer line. This project should prepare a plan to provide a sewage service to Spirit Creek trunk main either through a low-lift station and forcemain, or a siphon, or a gravity sewer.

The scope of work should include costs to perform the preliminary site inspection, engineering analysis, bid package preparation, bid phase support, and construction phase support services.

A map showing the general project area is attached.

Should you have any questions prior to our first meeting, please contact the Augusta Utilities office at 706-312-4132. AUD looks forward to working with your firm.

Sincerely,

A handwritten signature in blue ink that reads "Geri Sams".

Geri A. Sams
Director, Procurement

cc: Clifford A. Goins, Interim Director
Wes Byne, Assistant Director
Russell Thies, Assistant Director of Construction & Maintenance
Horace Luke, Assistant Director of Fort Gordon Operations

Room 605 - 530 Greene Street, Augusta Georgia 30911
(706) 821-2422 - Fax (706) 821-2811

www.augustaga.gov

Register at www.demandstar.com/supplier for automatic bid notification

Item # 14



Engineering Services Committee Meeting
10/27/2008 1:15 PM
Lover's Lane Evacuation Route Contract Award/Change Number One

Department: Abie L. Ladson, PE, Director

Caption: Approve Change Number One in the amount of \$348,950.00 with funding of \$348,950.00 From SPLOST Phase III Recapture for project construction. Also approve award of construction contract to Mabus Brothers Construction Co., Inc. The amount of \$348,950.00 for the Lover's Lane Evacuation Route project CPB #323-041110-207823001, subject to receipt of signed contracts and proper bonds as requested by the Engineering Department.

Background: The Lover's Lane Evacuation Route is a project that was initiated by Augusta-Richmond County and Georgia Department of Transportation (GDOT). The purpose of this project was to provide emergency access to motorist located in the area of the Columbia Nitrogen Industrial District in the case one or more industries located along Columbia Nitrogen Rd. has a major plant accident. Motorist would be able to access Lover's Lane Evacuation Route from both the east and west side of I-520. GDOT has agreed to fund all or portions of construction for this project, provided that Augusta-Richmond County produces the Engineering/Design plans and Land Acquisition.

Analysis: Bids were received on August 28, 2008 with MABUS Brothers Construction, Inc. being the low bidder. Bids results are as follow: CONTRACTORS BID 1. Mabus Brothers Const., Co. 348,950.00 2. Construction Perfected, Inc. \$349,775.56 3. Beams Construction Co., Inc. \$357,332.36 4. Reeves Construction Co., Inc. \$368,543.00 5. Blair Construction, Inc. \$487,791.15 Its is the Engineering Department recommendation to award this project to the low bidder, Mabus Brothers Construction Co., Inc. subject to receipt of proper bonds.

Financial Impact: Funds will become available in the construction budget upon Commission approval from account number 323-041110-6011110/296823333-6011110.

Alternatives: 1) Approve change number one in the amount of \$348,950.00 with fundings of \$348,950.00 from SPLOST Phase III Recapture for project construction. Also approve award of construction contract to Mabus Brothers Construction Co., Inc. in the amount of \$348,950.00 for the Lover's Lane Evacuation Route Project CPB #323-041110-207823001, subject to receipt of signed contracts and proper bonds as requested by the Engineering Department . 2) Do not approve and eliminate project.

Recommendation: Approve Alternative Number One.

Cover Memo

Item # 15

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

323-041110-6011110 /296823333-6011110

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

DO NOT PROCESS THIS DOCUMENT. (once approved by the
Commission Engineering will send the original document(s) for execution to the
Clerk of Commission Office. For questions please contact Engineering at ext 5070)

Augusta-Richmond County, Georgia

CPB#323-041110-207823001

**CAPITAL PROJECT BUDGET
LOVER'S LANE EVACUATION ROUTE
CHANGE NUMBER ONE**

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

Section 1: This project is authorized to CPB#323-041110-207823001. This project proposes to provide emergency access to motorist located in the Columbia Nitrogen Industrial District. Motorist would be able to access Lover's Lane Evacuation route from both the east and west side of I-520.

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

Special 1% Sales Tax, Phase III Recapture	\$6,400
Special 1% Sales Tax, Phase III Recapture	<u>\$348,950</u>
	\$355,350

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

	By Basin		By District
Raes Creek	\$355,350		Raes Creek
			\$355,350

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

Honorable Deke Copenhaver, Mayor

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

Augusta-Richmond County, Georgia

CPB#323-041110-207823001

**CAPITAL PROJECT BUDGET
LOVER'S LANE EVACUATION ROUTE
CHANGE NUMBER ONE**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SPLOST PHASE III RECAPTURE 323-04-296823333	(\$355,350)		(\$355,350)
TOTAL SOURCES:	(\$355,350)	\$0	(\$355,350)
<u>USE OF FUNDS</u>			
RIGHT OF WAY 323-04-1110-5411120-207823001	\$6,400	\$0	\$6,400
CONSTRUCTION 323-04-1110-5414710-207823001	\$348,950	\$0	\$348,950
TOTAL USES:	\$355,350	\$0	\$355,350

Bid #08-160
Lover's Lane Evacuation Route
for The City of Augusta - Engineering Department
Bid Opening Date: Thursday, August 28, 2008 at 3:00 P.M.

Vendors:	Bid Bond	Addendum 1	Total Bid
Reeves Construction Co., Inc P.O. Box 1129 Augusta, GA 30903	YES	YES	\$368,543.00
Garnto & Gearig Brothers P.O. Box 2684 Evans, GA 30807			
Construction Perfected, Inc. 587 Cherry Avenue North Augusta, SC 29841	YES	YES	\$349,775.56
Blair Construction, Inc. P.O. Box 770 Evans, GA 30901	YES	YES	\$487,791.15
Mabus Brothers Construction 920 Molly Pond Road Augusta, GA 30901	YES	YES	\$348,950.00
Beam's Contracting 2335 Atomic Road Beech Island, SC 29842	YES	YES	\$357,332.36

Invitation To Bid

Sealed bids will be received at this office until 3:00 p.m., Tuesday, August 19, 2008

Bid Item #08-160 Lover's Lane Evacuation Route for Engineering Department

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

Geri 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 can be made available upon request to Augusta Blue Print. The fees for the plans and specifications which are non-refundable is \$100.00**

Documents may also be examined during regular business hours at the Augusta Builders Exchange, 1262 Merry Street, Augusta, GA 30904; F. W. Dodge Plan Room, 1281 Broad Street, Augusta, GA 30901. 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, July 3, 2008. 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 sequestration 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 Wednesday, July 30, 2008 @ 10:00 a.m. in the Procurement Department – Room 605. All questions must be submitted in writing to the office of the Procurement Department by fax at 706-821-2811 or by mail. No bid will be accepted by fax, all must be received by mail or hand delivered. All questions are to be submitted in writing by Monday, August 4, 2008 by 3:00 p.m.

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 in a separate envelope so marked along with the bidders' qualifications; a 100% performance bond and a 100% payment bond will be required for award.**

Bidders will please note that the number of copies requested; all supporting documents including financial statements and references and such other attachments that may be required by the bid are material conditions of the package. Any package found incomplete or submitted late shall be rejected by the Procurement Office. Any bidder allegedly contending that he/she has been improperly disqualified from bidding due to an incomplete bid submission shall have the right to appeal to the appropriate committee of the Augusta Commission. Please mark Bid number on the outside of the envelope.

GERI A. SAMS, Procurement Director

Publish:

Augusta Chronicle July 3, 10, 17, 24, 2008
Metro Courier July 9, 2008

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

Mandatory Pre-Bid Meeting

Bid Item #08-160

Lover's Lane Evacuation Route

For The City of Augusta - Engineering Department

Wednesday, July 30, 2008 at 10:00 a.m.

PLEASE PRINT

NAME	COMPANY/DEPT.	ADDRESS/CITY/STATE/ZIP CODE	TELEPHONE NUMBER	FAX NUMBER	Prime/Sub/
1. MIKE EDWARDS	REEVES CONST. CO. INC.	P.O. BOX 1129 AUGUSTA, GA. 30903	706-731-5230	706-731-8620	
TIM North	Garnito & Geating Bros	P.O. Box 2684 Evans Ga 30807	706-960-5981	706-960-9639	P
3. BRANDON LORCE	Construction Perfecto Inc.	587 Cherry Ave. N. Augusta, SC 29841	803-593-5665	803-593-3993	P
4. Gary Williams	DBE	501 Greenest. Augusta GA 30901	706 821-2401	706 821-4228	
5. William R. McInerney	Blain Const. Inc.	P.O. Box 770 Evans Ga 30809	706-868 1950	706-868 18FF	P.
6. Eric Baldwin	Mabus Brothers Const.	920 Molly Pond Rd Augusta GA 30901	706-722 8941	706-722 7521	P
7. SPENCER HILL	BEAMS Contract	BEECH ISLAND	803- 827-1868	803- 827-0136	Prime
8. HANEEED MAJIC	ARC-Engineering	505 Tipton St Augusta GA 30907	706-796-5440		
9. Darrell White	Procurement		706 821-2423	706 821-2811	
Sheila Paulk	Procurement		706 821-4251	706 821-2811	
Therpin Miles	Procurement		706 821-2888		
12. Will Gibson	Engineering		706 796-5040		

Item #15

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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-08-160-0-2008/PJM**Bid Name** Lover's Lane Evacuation

1 Document(s) found for this bid

11 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Accredited Lock Supply	8006522835	2018650030	1	1. Small Business		Documents
BRPH Companies, Inc.	3212547666	3212594703	1			Documents
Construction Journal, Ltd.	8007855165	8005817204	1			Documents
DCR Engineering Services, Inc.	5613698617	8634288036	1			Documents
Duratek Precast Technologies, Inc.	3527965944	3527965933	1			Documents
Gibbs & Register Inc	4076546133	4079052941	1			Documents
Malphrus construction company	8433795700	8433795777	1			Documents
Onvia, Inc. - Content Department	2063739500	8882637801	1			Documents
Palmetto Site and Asphalt, LC	7064342718	7064342701	1			Documents
Prince Contracting Co. Inc.	9417227707	9417224641	1			Documents

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Organization: City of Augusta, GA (Augusta Commission)

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Planholders List

Member NameCity of Augusta, GA (Augusta Commission)

Bid NumberITB-08-160-0-2008/PJM

Bid NameLover's Lane Evacuation

1 Document(s) found for this bid

11 Planholder(s) found.

Add Planholder

Supplier Name	Phone	Fax	Doc Count	Attributes	Programs	Actions
Summit Structures (Cover-All Building Systems, Inc.)	6104328000	6104328858	1			Documents

Page 2 of 2 [first](#) | [previous](#) | [next](#) | [last](#)

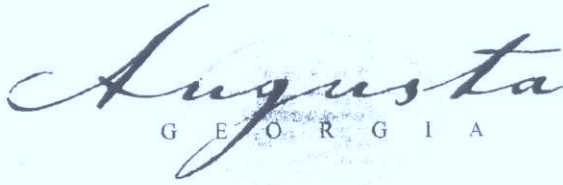
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ENGINEERING DEPARTMENT

Abie L. Ladson, P.E., Director

MEMORANDUM

TO: Geri Sams, Director of Procurement

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

DATE: October 2, 2008

SUBJECT: Lover's Lane Evacuation Route
Bid Item # 08-160
Project Number: N/A
File reference: 08-014(A)

Ms. Sams, it is the recommendation of the Engineering Department to award the subject construction contract to Mabus Brothers Construction Co., with a bid of \$348,950.00. They were the low bidder for this project.

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

Thank You,

ALL/*scm*

Attachments

cc: Phyllis Mills, Quality Assurance Analyst
Chiquita T. Johnson, General Counsel
Hameed Malik, PhD., PE, Assistant Director Engineering
Anthony (Tony) Williams, Construction Manager
File



Engineering Services Committee Meeting

10/27/2008 1:15 PM

Property Condemnation - 3486 Peach Orchard Road - 60107 Butler Creek Upgrade East

Department: Attorney

Caption: Motion to authorize condemnation to acquire title of a portion of property, designated as Tax Map 144, Parcel 001 located at 3486 Peach Orchard Road for a permanent and temporary easement for the Butler Creek Upgrade East Project.

Background: The City has been unable to reach an agreement with property owners. In order to proceed and avoid further delays, it is necessary to condemn a portion of subject property. The required property consists of 33,578 square feet of permanent easement and 24,274 square feet of temporary easement. The appraised value of the easements is \$9,609.00.

Analysis: Condemnation is necessary in order to acquire the easements.

Financial Impact: The necessary costs will be covered by the project budget.

Alternatives: Deny condemnation.

Recommendation: Approve condemnation.

Funds are Available in the Following Accounts: 60107 Butler Creek Upgrade East 511043420-5411120/80360107-5411120

REVIEWED AND APPROVED BY:

**Law.
Administrator.
Clerk of Commission**



Engineering Services Committee Meeting

10/27/2008 1:15 PM

Proposal from Heery International, Inc. to Perform Space Planning and Programming Services for Municipal Building Renovations

Department:	Public Services Department - Facilities Management Division
Caption:	Approve proposal from Heery International, Inc. for Programming Verification and Space Planning Services for the renovations to the Augusta-Richmond County Municipal Building.
Background:	When the Augusta-Richmond County Judicial Center is completed in December 2010, the courts and their supporting functions will move from the Municipal Building to the new facility. This will leave at least half of the existing Municipal Building vacant. The goal of this effort is to plan the consolidation of many of the administrative offices that are currently in leased spaces in various locations throughout Augusta, and provide some future growth capacity, within the Municipal Building, for the next 10-15 years.
Analysis:	The completion of the new Judicial Center will enable roughly half of Augusta's Municipal Building to be vacated. This will facilitate a major consolidation of Augusta's operations which now occupy leased buildings throughout the city. It will also enable the first major remodeling of the Municipal Building's interior, since its construction approximately a half-century ago. The proposed services will include interviews with department managers, a definition of their present and future facility needs and development of a Building Program of Requirements. This Program will enable the production of concept plans and conceptual cost estimates. It will also form the basis from which an architect can be hired to provide the final design and construction documents.
Financial Impact:	The proposal amount is \$52,000.00.
Alternatives:	1. Approve proposal from Heery International, Inc. for Programming Verification and Space Planning Services for the renovations to the Augusta-Richmond County Municipal Building. 2. Do nothing at this time.
Recommendation:	#1. Approve proposal from Heery International, Inc. for Programming Verification and Space Planning Services for the renovations to the Augusta-Richmond County Municipal Building.
Funds are Available in the Following Accounts:	FUNDS ARE AVAILABLE IN ACCOUNT: 323-04-6211/296050050 Cover Memo Item # 17

REVIEWED AND APPROVED BY:

Finance.

Law.

Administrator.

HEERY

July 21, 2008

Mr. Fred Russell
County Administrator
City of Augusta
530 Greene Street - Room 801
Augusta, GA 30911

Architecture
Construction Management
Engineering
Facilities Management
Graphic Design
Interior Design
Program Management
Specialty Services
Strategic Facilities Planning

Re: Revised proposal to provide the Programming Verification and Space Planning Services
for the renovations to the Augusta-Richmond County Municipal Building

Dear Mr. Russell:

Heery International is pleased to submit our revised proposal to provide the Programming Verification and Space Planning Services for the renovations to the Augusta-Richmond County Municipal Building. We have revised the proposal based on meetings and conversations with Rick Acree. We propose the following:

PROJECT UNDERSTANDING

When the Augusta-Richmond County Judicial Center is completed in December 2010, the courts and their supporting functions will move from the Municipal Building to the new facility, at least half of the existing Municipal Building will be vacant after the move. The goal of this effort is to consolidate many of the administrative offices that are currently in leased spaces in various locations and provide some future growth for the next 10-15 years.

Issues to be addressed during planning include:

- Programming
- Block Plans
- Space Plans
- Creating Space Standards
- Updating existing partition plans

ASSUMPTIONS

The fees for Basic Services are predicated on the following conditions.

1. The Client will appoint one (1) client project manager to coordinate meeting times, attendees, conference locations, input from user groups and facilitate decision-making.
2. The Client will provide Heery with CADD files of existing floor and furniture plans. Heery will field verify of partition and door locations only to ascertain their accuracy for planning purposes.

Heery International, Inc.

A group of professional service practices
999 Peachtree Street, NE, Atlanta, Georgia 30309-3953
Telephone 404 881-9880 Fax 404 875-1283

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JACKSONVILLE LONG BEACH LOS ANGELES MIAMI NASHVILLE NEW YORK ORLANDO PHILADELPHIA PHOENIX PORTLAND
RALEIGH SACRAMENTO SEATTLE TACOMA TRENTON TUCSON WASHINGTON, DC YOUNGSTOWN, OH

Item # 17

HEERY

3. The Client will review any current office/workstation space guidelines established for the Richmond County Administrative functions and evaluate against requirements for the existing and future functions of the Sheriff's Office.
4. Heery will develop facility requirements by group/department and headcount projections by staff position. Should individual (by person) level detail be required, it will be provided as an additional service.
5. Shared support functions include conference/training, copy/printing/reproduction, breakroom /coffee, reception/information, function specific storage, training/exercise, and testing.
6. Special design criteria such as acoustical, audio-visual, data/ telecommunications, kitchen, lighting, radio communications or security requirements will be provided as an additional service, using subconsultants where necessary during Phase II – Construction Documents.
7. The Client will provide Heery with organizational charts for each department and any previous studies of relevance to the Project.

SCOPE OF BASIC SERVICES

Heery will provide the Scope of Basic Services as described below.

Task One – Project Launch

Following receipt of the signed contract, the Heery project team will coordinate with the Client project manager via conference calls and emails to confirm project goals, objectives and priorities, establish lines of communication and reporting means and methods, review project schedule including interviews, meetings and deadlines for accomplishing tasks over the term of the study.

Task Two – Data Gathering

Following the initial project launch conference call with the Client project manager, Heery will conduct interviews with Client department representatives (10 to 11) to expand on requirements and issues discussed in the initial meeting held on July 10, 2008 with Richard Acree. Two (2) site visits consisting of consecutive days to conduct interviews is included in this task.

Task Three – Program of Requirements

Using materials provided by the Client and interviews conducted with the departments, Heery will analyze existing space requirements and project future requirements. Issues that will be addressed in the analysis will include staffing forecasts; office and support standards; relationships between departments; shared space potential. Emphasis will be on identifying groups and/or functions that might be located away from the core group. Discussion of alternative work space will be included as appropriate.

The data gathered will be compiled, analyzed and issued via email to department heads and Client project manager for review, comment and approval. If required, one set of revisions will be incorporated into the final program of requirements. No site visits are included in this task.

HEERY

Task Four – Existing Conditions Documentation/Review

To assist with accurate options development, Heery will update existing floor plans to reflect current plan conditions, generate color blocking plans identifying current department boundaries and vacancies. Based on a visual walk through of the floors, Heery will confirm existing partition and door locations against the existing as-buils. Heery will also analyze existing conditions based on program requirements and industry standards (including workstation standards) and develop a list of issues to be addressed.

A detailed field survey to verify existing power, lighting and millwork locations will occur during Phase II when construction documents are being generated.

Task Five – Options Development

Heery will develop (2) options based on discussions in the department interviews. Space plans and costing for each option will be presented to the Augusta Georgia Client project manager for review and decision about which option to be chosen for implementation.

Deliverable

The Program of Requirements and Options will be bound into a single volume to be issued to the Client (assumed five color copies).

Additional Services

Once a final option is selected, Heery can provide plans to analyze alternate locations and provide full design services for both locations if desired. A decision about these services and a fee proposal will be developed after approval of the final option.

COMPENSATION

Heery proposes to provide the above Scope of Basic Services based on a not-to-exceed fee of:

Project Launch/Data Gathering/Program Of Requirements	\$23,000
Existing Conditions Documentation / Review	6,000
Cost Estimating	\$4,000
<u>Options Development</u>	<u>19,000</u>
Total	\$52,000

REIMBURSABLE COSTS

Reimbursable costs, or expenses incurred in direct relationship to this project, are in addition to the indicated fees. They include such items as prints and reproductions, CADD plots, long distance telephone and transmittals, postage, courier services, electronic transfers and discs, mileage, parking and pre-approved out-of-town travel and approved renderings and models. Reimbursable costs shall be billed at 1.0 times actual cost incurred.

ADDITIONAL SERVICES

HEERY

In addition to Basic Services described above, Heery can provide the following Additional Services using its own personnel or sub-consultants as may be required:

- Producing Electronic Floor Plans
- Existing Conditions Assessment
- Architectural or Structural Design
- Interior design and construction documents
- Furniture, furnishings and equipment inventory/ selection
- Disposition plan for unused existing furnishings
- Engineering design for mechanical, electrical, plumbing/ fire protection systems
- Data/ telecommunications consulting
- Security consulting
- Acoustical and audio-visual consulting/ equipment selection and specification
- Construction administration
- Move management

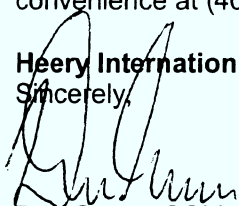
Professional staff required for this work includes:

Principal	\$160/hour
Cost Estimator	\$120/hour
Project Manager	\$115/hour
Sr. Interior Designer	\$100/hour
Interior Designer	\$ 85/hour
Jr. Interior Designer	\$ 75/hour

Please let us know if you require any further information to support our proposal to provide the Programming Verification and Space Planning Services. Please contact me at your earliest convenience at (404-946-2459).

Heery International, Inc.

Sincerely,



Don Green, CCM, CCC, LEED® AP
Executive Associate

C: Bob Munger
Rick Acree



**Engineering Services Committee Meeting
10/27/2008 1:15 PM
Regional Flood Control Feasibility Study**

Department: Abie L. Ladson, PE , Engineering

Caption: Approve Capital Project Budget Change Number Five (CPB 323-04-299823999) for the Augusta County Regional Flood Control Feasibility Study in the amount of \$200,000 to be funded from SPLOST Phase III Recapture as requested by the Engineering Department.

Background: On November 3, 1999 the Commission authorized execution of an agreement with the US Army Corps' of Engineers to perform a Flood Control Feasibility Study for the Rocky Creek, Augusta Canal, Phinizy Swamp and Raes Creek Drainage Basins.

Analysis: The Phase I report that includes Rocky Creek and Augusta Canal Basin is completed and will soon be distributed for public review. Phase 2 will focus on additional work to be performed for the Raes Creek Basin. Completion of the Phase 2 work will increase the total study estimated cost by \$400,000 with the city's share being \$200,000.

Financial Impact: Funds in the amount of \$200,000 are available in account #323041110-296823333 to cover the County's share of the additional funds needed to complete the study.

Alternatives: 1) Approve Capital Project Budget Change Number Five (CPB 323-041110-299823999) for the Augusta County Regional Flood Control Feasibility Study in the amount of \$200,000 to be funded from SPLOST Phase III Recapture. 2) Do not approve and deny completion of the study for the Raes Creek Basin.

Recommendation: Approve Alternative one.

Funds are Available in the Following Accounts: 323-041110-6011110/296823333-6011110

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.**

Cover Memo

Item # 18

Augusta-Richmond County, Georgia

CPB#323-04-299823999

**CAPITAL PROJECT BUDGET
REGIONAL FLOOD CONTROL FEASIBILITY STUDY
CHANGE NUMBER THREE**

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

Section 1: This project is authorized to CPB#323-04-299823999. This change authorizes additional funds of \$55, 000 to provide surveying support requested by Corps of Engineers for the flood control study. This additional amount will be funded by SPLOST PHASE III Recapture

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

Rocky Creek Tributary No 1, Ph 1	\$355,393
Special 1% Sales Tax, Phase III (Suburban)	\$861,116
Special 1% Sales Tax, Phase III(Urban)	421,140
Special 1% Sales Tax, Phase III Recapture	252,352
Special 1% Sales Tax, Phase I Recapture	19,500
Special 1% Sales Tax, Phase III Recapture	\$55,000
	\$1,964,501

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

	By Basin	By District
Rocky Creek	\$355,393	
Raes Creek	\$620,852	
Phinizy	\$512,116	
Augusta Canal	<u>\$476,140</u>	
	\$1,964,501	\$1,964,501

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

Honorable Deke Copenhaver, Mayor

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

Augusta-Richmond County, Georgia

CPB#323-04-299823999

**CAPITAL PROJECT BUDGET
REGIONAL FLOOD CONTROL FEASIBILITY STUDY
CHANGE NUMBER THREE**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
ROCKY CREEK TRIBUTARY NO 1 321-04-1110/288821561	(\$355,393)		(\$355,393)
SPECIAL 1% SALES TAX, PHASE III 323-04-1110-0000000	(\$861,116)		(\$861,116)
SPECIAL 1% SALES TAX, PHASE III 327-04-1110-0000000	(\$421,140)		(\$421,140)
SPECIAL 1% SALES TAX, PHASE III 323-04-1110-6011110-296823333	(\$252,352)	(\$55,000)	(\$307,352)
SPECIAL 1% SALES TAX, PHASE III 321-04-1110-6011110-288821333	(\$19,500)		(\$19,500)
TOTAL SOURCES:	(\$1,909,501)	(\$55,000)	(\$1,964,501)

USE OF FUNDS

ENGINEERING 323-04-1110-5212115-299823999	\$1,890,001	\$55,000	\$1,945,001
ENGINEERING 321-04-1110-5212115-205821999	\$19,500		\$19,500

TOTAL USES:	\$1,909,501	\$55,000	\$1,964,501
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Augusta-Richmond County, Georgia

CPB#323-04-299823999

**CAPITAL PROJECT BUDGET
REGIONAL FLOOD CONTROL FEASIBILITY STUDY
CHANGE NUMBER FOUR**

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

Section 1: This project is authorized to CPB#323-04-299823999. This change authorizes additional funds of \$250, 000 to provide surveying support requested by Corps of Engineers for the flood control study. This additional amount will be funded by SPLOST PHASE III Recapture

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

Rocky Creek Tributary No 1, Ph 1	\$355,393
Special 1% Sales Tax, Phase III (Suburban)	\$861,116
Special 1% Sales Tax, Phase III(Urban)	421,140
Special 1% Sales Tax, Phase III Recapture	252,352
Special 1% Sales Tax, Phase I Recapture	19,500
Special 1% Sales Tax, Phase III Recapture	\$55,000
Special 1% Sales Tax, Phase III Recapture	<u>\$250,000</u>
	\$2,214,501

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

	By Basin	By District
Rocky Creek	\$355,393	
Raes Creek	\$870,852	
Phinizy	\$512,116	
Augusta Canal	<u>\$476,140</u>	
	\$2,214,501	\$2,214,501

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

Honorable Deke Copenhaver, Mayor

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

Augusta-Richmond County, Georgia

CPB#323-04-299823999

**CAPITAL PROJECT BUDGET
REGIONAL FLOOD CONTROL FEASIBILITY STUDY
CHANGE NUMBER FOUR**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
ROCKY CREEK TRIBUTARY NO 1 321-04-1110/288821561	(\$355,393)		(\$355,393)
SPECIAL 1% SALES TAX, PHASE III 323-04-1110-0000000	(\$861,116)		(\$861,116)
SPECIAL 1% SALES TAX, PHASE III 327-04-1110-0000000	(\$421,140)		(\$421,140)
SPECIAL 1% SALES TAX, PHASE III 323-04-1110-6011110-296823333	(\$307,352)	(\$250,000)	(\$557,352)
SPECIAL 1% SALES TAX, PHASE III 321-04-1110-6011110-288821333	(\$19,500)		(\$19,500)
TOTAL SOURCES:	(\$1,964,501)	(\$250,000)	(\$2,214,501)

USE OF FUNDS

ENGINEERING 323-04-1110-5212115-299823999	\$1,945,001	\$250,000	\$2,195,001
ENGINEERING 321-04-1110-5212115-205821999	\$19,500		\$19,500

TOTAL USES:	\$1,964,501	\$250,000	\$2,214,501
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Please do not process this document. Once approved by Commission, original will be sent to the Clerk of Commission for execution. For information reference this note contact Shelette @ ext 5070. Thanks

Augusta-Richmond County, Georgia

CPB#323-041110-299823999

**CAPITAL PROJECT BUDGET
REGIONAL FLOOD CONTROL FEASIBILITY STUDY
CHANGE NUMBER FIVE**

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

Section 1: This project is authorized to CPB#323-04-299823999. This change authorizes additional funds of \$200, 000 to provide surveying support requested by Corps of Engineers for the flood control study. This additional amount will be funded by SPLOST PHASE III Recapture

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

Rocky Creek Tributary No 1, Ph 1	\$355,393
Special 1% Sales Tax, Phase III (Suburban)	\$861,116
Special 1% Sales Tax, Phase III(Urban)	421,140
Special 1% Sales Tax, Phase III Recapture	252,352
Special 1% Sales Tax, Phase I Recapture	19,500
Special 1% Sales Tax, Phase III Recapture	\$55,000
Special 1% Sales Tax, Phase III Recapture	\$250,000
Special 1% Sales Tax, Phase III Recapture	<u>\$200,000</u>
	\$2,414,501

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

	By Basin	By District
Rocky Creek	\$355,393	
Raes Creek	\$870,852	
Phinizy	\$512,116	
Augusta Canal	<u>\$476,140</u>	
	\$2,414,501	\$2,414,501

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

Honorable Deke Copenhaver, Mayor

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

Augusta-Richmond County, Georgia

CPB#323-041110-299823999

**CAPITAL PROJECT BUDGET
REGIONAL FLOOD CONTROL FEASIBILITY STUDY
CHANGE NUMBER FIVE**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
ROCKY CREEK TRIBUTARY NO 1 321-04-1110/288821561	(\$355,393)		(\$355,393)
SPECIAL 1% SALES TAX, PHASE III 323-04-1110-0000000	(\$861,116)		(\$861,116)
SPECIAL 1% SALES TAX, PHASE III 327-04-1110-0000000	(\$421,140)		(\$421,140)
SPECIAL 1% SALES TAX, PHASE III 323-04-1110-6011110-296823333	(\$557,352)	(\$200,000)	(\$757,352)
SPECIAL 1% SALES TAX, PHASE III 321-04-1110-6011110-288821333	(\$19,500)		(\$19,500)
TOTAL SOURCES:	(\$2,214,501)	(\$200,000)	(\$2,414,501)
 <u>USE OF FUNDS</u>			
ENGINEERING 323-04-1110-5212115-299823999	\$2,195,001	\$200,000	\$2,395,001
ENGINEERING 321-04-1110-5212115-205821999	\$19,500		\$19,500
 TOTAL USES:	 \$2,214,501	 \$200,000	 \$2,414,501



**Engineering Services Committee Meeting
10/27/2008 1:15 PM
Right-of-Way Gary E. and Janet W. Ergle Alexander Drive Project**

Department: Attorney

Caption: Motion to approve an Option for Right-of-Way between Gary E. Ergle and Janet W. Ergle, as owners, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, consisting of 0.037 acre (1,632.09 square feet) in fee and 0.046 acre (2,021.48 square feet) of permanent construction & maintenance easement and one temporary driveway easement for the property located at 2001 Glennfield Lane, for a purchase price of \$47,500.00.

Background: The property owner has agreed to convey the right-of-way to Augusta, Georgia for the Alexander Drive Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase are within the project budget.

Alternatives: Deny the motion to approve the purchase.

Recommendation: Approve the motion to purchase the referenced property.

Funds are Available in the Following Accounts: 323041110-5411120/296823215-5411120

REVIEWED AND APPROVED BY:

**Law.
Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY

GEORGIA, RICHMOND COUNTY
P.I.#: 0001794
S.S.N#:

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 ~~\$41,500.00~~ ^{47,500.00} *GE*, 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 Alexander Drive Project, STP-0001-00(794), being Project Parcel 11, (Tax Map 013-3, Parcel(s) 153), consisting of 0.037 acre (1,632.09 sq. ft.) in fee and 0.046 acre (2,021.48 sq. ft.) of permanent construction & maintenance easement. Also granted is (are) one temporary driveway easement(s) on Alexander Drive Project, STP-0001-00(794).

It is agreed and understood that TEMPORARY EASEMENTS are limited to the period required for the construction of said project and upon completion and acceptance of same by the Department of Transportation from the contractor, said TEMPORARY EASEMENT will terminate.

It is agreed and understood that I, or any tenant, now in possession or any other persons having a claim or interest in subject property, will have not less than two (2) months from date of execution of a deed and easements (or for residential properties three (3) months from the date replacement housing is available, whichever is greater) to vacate the premises and that on vacating of said premises, only items of personal property will be removed, all items attached to the property and being classed as realty to remain. The above agreement to apply unless otherwise provided in Special Provision. If Augusta, Georgia, agrees to allow the Grantor or tenant in possession to occupy the subject premises beyond the two month period stated above, that person will be required to pay a rental fee of N/A payable each month in advance. Subsequent to the date of transfer of title to Augusta, Georgia, and prior to vacation of subject premises, the person in possession will hold Augusta harmless as to any claim in connection with the occupancy of said premises. The above option price includes payment for the right-of-way above described, together with all improvements wholly or partially situated thereon and the right to enter upon the adjacent lands not included in said required right-of-way and easements, for the - purpose of removing or demolishing such improvements.

The undersigned further agrees that the Department will be designated an authorized agent for the removal of underground storage tank systems located wholly or partially in said right of way or easement.

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

Grantor may retain title to N/A for sum of \$ N/A, which shall be deducted from the option price at the time of closing, PROVIDED, he will obligate and firmly bind himself and his successors in title to strictly and faithfully comply with each of the following conditions:

1. Grantor will demolish or remove all above described improvements from the right-of-way, easements conveyed and set back area from the said right-of-way sufficient to comply with County Building Code requirements; however, in the absence of County Requirements, a minimum set back of 50 feet is required. All rubbish and debris must be removed to the satisfaction of authorized personnel of Augusta Engineering Department within 30 calendar days after notice to proceed.
2. Grantor will comply with all laws, ordinances, regulations, or building code applicable to demolition or removal of buildings in Richmond County, Georgia, and hold the Department of Transportation and Augusta, Georgia, harmless as to any claim in connection herein.
3. It is understood and agreed that no utility connections shall be made or allowed to relocated structures across or from a limited access right-of-way, and it is understood and agreed that grantor has agreed to bargain, sell, and convey to Augusta, Georgia, all existing utility rights, and Augusta will not be liable in any way for utility reconnections adjacent to acquired rights-of-way or any subsequent location improvements.
4. Grantor will leave on deposit with Augusta, Georgia, the additional sum of \$ N/A, which will be deducted from the aforesaid option price at closing. This sum will be held as a cash performance bond conditioned on the strict and faithful performance of the aforesaid obligations.

PROJECT PARCEL 11
(Tax Map 013-3, Parcel No 153.)

INITIALS *GE*
JE

Time is expressly made of the essence of this Special Provision and in the event grantor fails to comply with aforesaid obligations, all sums held by Augusta, Georgia, shall be retained as liquidated damages, and title to and the right to remove said structures shall vest in the Augusta, Georgia.

*****OTHER PROVISIONS*****

Grantor may execute and deliver fee simple title to Augusta, Georgia, to the above referenced right of way and an additional N/A acres of land owned by the undersigned adjacent to an abutting on the above numbered highway for the total consideration of \$ N/A which includes payment for the above referenced right of way requirements, other rights and conditions described herein and additional lands. This additional land being shown on the attached plat as Parcel No.

The undersigned herein agrees, for the same consideration, to provide, without cost to Augusta, Georgia, a quit claim deed or such other releases as may be required by the closing attorney from any tenant now in possession of subject property and any other parties having a claim or interest in subject property.

It is further agreed for said consideration to convey and relinquish to the City of Augusta all rights of access between the limited access highway and approaches thereto on the above numbered highway and all of the remaining real property of the undersigned except at such points as designated by the City of Augusta. This paragraph is not applicable unless access rights are indicated on the attached plat.

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 Project Alexander Drive, STP-0001-00(794).

I (We) do (do not) elect to retain improvements as set out in Special Provision.

I (We) do (do not) elect to execute and deliver deeds set out in Other Provisions.

Witness my hand and seal this 10th day of October, 2008.

Signed, Sealed and Delivered
in the presence of:

[Signature]
Unofficial Witness
[Signature]
NOTARY PUBLIC

Notary Public Richmond County Georgia
My Commission Expires May 18 2009

[Signature] (L.S.)
Gary E. Ergle
[Signature] (L.S.)
Janet W. Ergle

_____, (L.S.)

AUGUSTA, GEORGIA

Administrator

DATE _____

PROJECT PARCEL 11
(Tax Map 013-3, Parcel No 153)



**Engineering Services Committee Meeting
10/27/2008 1:15 PM
The Orchard Section I**

Department: Engineering-Abie L. Ladson, P.E., Director

Caption: Approve the deed of dedication, maintenance agreement and road resolutions submitted by the Engineering Department for the Orchard Subdivision, Section I.

Background: The final plat was approved by the Commission on September 18, 2007 . The subdivision design and plat, including the storm drain system, have been reviewed and accepted by our engineering staff and the construction has been reviewed by our inspectors.

Analysis: This section meets all codes, ordinances and standards. There are no wetlands or 100-year flood plain boundaries involved in this section.

Financial Impact: By accepting these roads into the County system, all future maintenance and associated costs will be borne by Augusta, Georgia.

Alternatives: 1. Approve the deed of dedication, maintenance agreement and road resolutions submitted by the Engineering Department for The Orchard Subdivision, Section I. 2. Do not approve and risk litigation.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: Not required at this time.

REVIEWED AND APPROVED BY:

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



ENGINEERING DEPARTMENT

Abie L. Ladson, P.E., Director

Anthony (Tony) E. Williams,
Construction Manager

MEMORANDUM

To: George Patty
Director Planning and Zoning

Kew **From:** Anthony (Tony) E. Williams, Construction Manager

Date: Tuesday, August 26, 2008

Subject: Certificate of Completion
Dedication of The Orchard Section 1
File reference: 2008 – 05 (A)

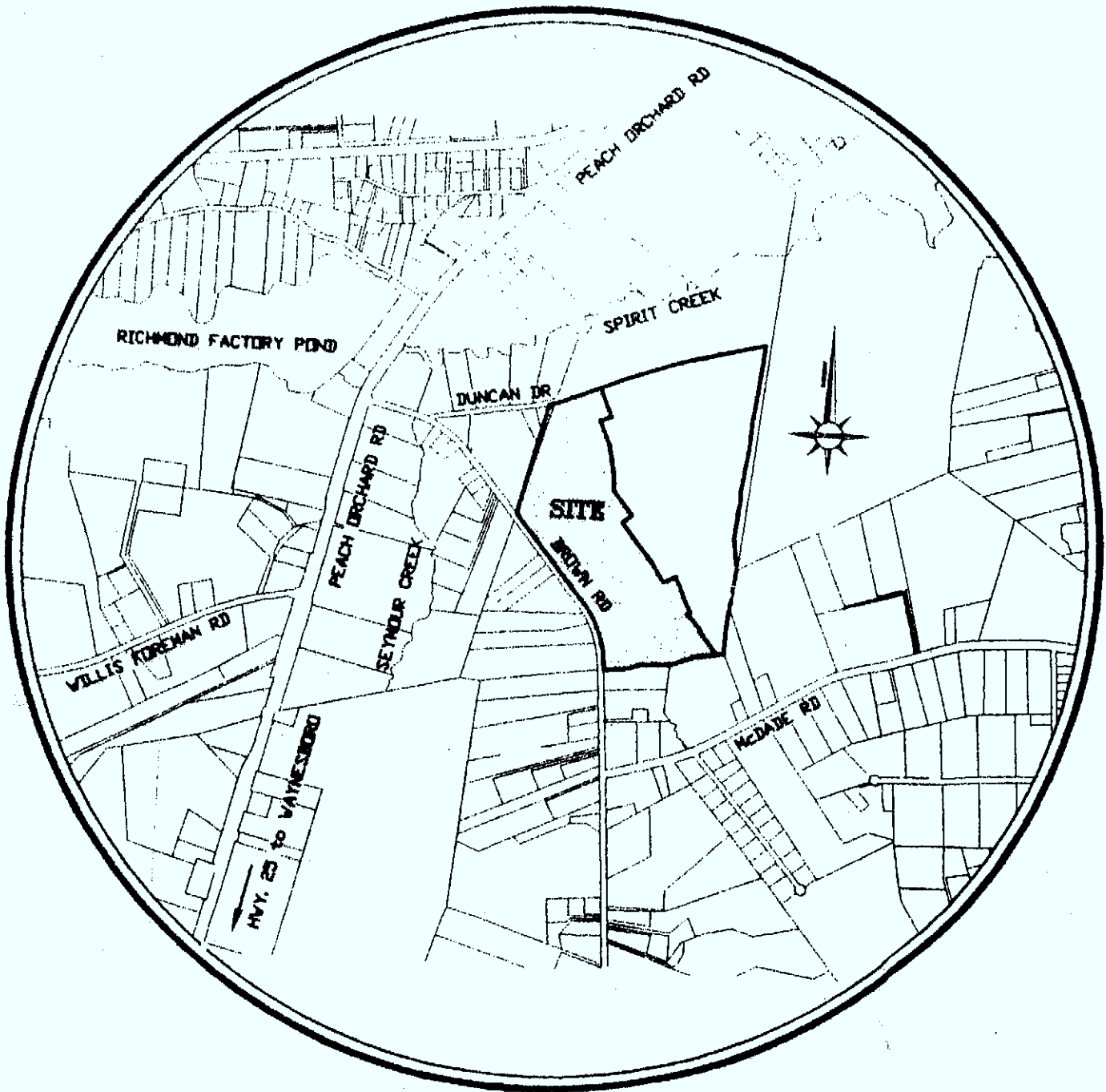
As required by Development Guideline Document 3, Article II – Section 202 of Augusta, Georgia Municipal Code, you are hereby advised, based upon site observation that this project consisting of roadway and storm drainage construction appears to be in compliance with all standards and specifications set forth in said documents. Therefore, the names of all streets and drainage related structures in subject development are hereby recommended for acceptance into the City of Augusta infrastructure system.

Thank you for your assistance on this matter. Please call if you have any questions or need additional information, 706-821-1706.

AEW

Attachment

cc: Abie L. Ladson, P.E., Director - Engineering Department
Hameed Malik, PhD., P.E., Assistant Director – Engineering Department
Michael Greene, Interim Director Public Services
Dennis Stroud, Assistant Director Public Services
Terri Turner, Planning & Zoning
File



SITE LOCATION MAP

STATE OF GEORGIA)
)
RICHMOND COUNTY)

DEED OF DEDICATION
(Roads and Storm Drainage)

WHEREAS, The Orchard Group of Augusta, LLC owns a tract of land in Richmond County, Georgia known as **The Orchard, Section 1**, and in the building of a housing subdivision on said tract, it has laid out a storm drainage system, detention area, water distribution system, road and street system, and sanitary sewerage system; and,

WHEREAS, it is the desire of **The Orchard Group of Augusta, LLC**, to deed the closed (piped) storm water system, detention area, water distribution system, road and street system, and sanitary sewerage system to Augusta, Georgia, a political subdivision of the State of Georgia acting by and through its Commission for maintenance and control; and

WHEREAS, a plat of **The Orchard, Section 1**, has been prepared by **James G. Swift & Associates**, dated **July 6, 2007**, and said plat has been recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in ~~Deed Reel~~ ^{Book} 3, pages 470-473; and to which reference is hereby made to said plat for a more complete and accurate description as to the land herein described; and

WHEREAS, Augusta, Georgia, by and through its Commission has consented and agreed to accept and maintain said closed (piped) storm water system, detention area, water distribution system, road and street system, and sanitary sewerage system.

NOW, THEREFORE, this indenture made this _____ day of _____, **2007** between **The Orchard Group of Augusta, LLC**, hereinafter referred to as the party of the first part and Augusta, Georgia, **A POLITICAL SUBDIVISION**, by and through its Commission, hereinafter referred to as the party of the second party,

W I T N E S S E T H

That the party of the first part for and in consideration of the sum of Ten and no/100 (\$10.00) Dollars, to it in hand well and truly paid by the said party the second part at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged and for the further consideration of the benefits to its property by the maintenance of said closed (piped) storm water system, detention area,

water distribution system, road and street system, and sanitary sewerage system, by the party of the second part, has and does by these presents, grant, bargain, sell and confirm unto the said party of the second part, its successors and assigns, the following, to wit:

All the right, title and interest of the Party of the First Part in and to the storm drainage system, detention area, water distribution system, road and street system, and sanitary sewerage system as the same are now located and existing in **The Orchard, Section 1**, shown on a plat of said subdivision, which plat was prepared by James G. Swift & Associates and which plat is recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in ~~Deed Book 3~~, Pages ~~470-473~~.
Plat Cabinet D, slide 42 E, F, G, H and slide 43-A

Together with all of the necessary rights of ingress and egress for the purpose of maintaining the described closed (piped) storm water system, detention area, water distribution system, road and street system, and sanitary sewerage system. This deed is subject to any utility easements which have been granted in the past and all telephone lines, gas lines, or power lines for the transmission of electricity which has been granted in the past and the Grantor herein reserves an easement over the closed (piped) storm water system, detention area, water distribution system, road and street system, and sanitary sewerage system, as shown on aforementioned plat by James G. Swift & Associates, herein conveyed for the purpose of the maintenance and installation of power lines for the transmission of electricity, telephone lines, and gas lines for the purpose of serving said subdivision and the property adjacent thereto.

TO HAVE AND TO HOLD said storm drainage system, detention area, water distribution system, road and street system, and sanitary sewerage system together with all and singular, the rights, members, appurtenances thereto to the same being, belonging, or in anywise appertaining to the only proper use, benefit and behoof of the said party of the second part, its successors and assigns forever in fee simple.

AND the said party of the first part, its successors and assigns, will warrant and defend the right and title to the above described property, to the said party of the second part, its successors and assigns, against all claims of all persons whosoever.

IN WITNESS WHEREOF, the party of the first part has hereunto sets its hand and affixed its seal
the day and year first above written.

Signed, sealed and delivered
in the presence of:

Karen Edenfield
Pamela S. Hume
Notary Public
Richmond County, Georgia
Commission expires: 9/19/10

The Orchard Group of Augusta, LLC

by: Jerry W. Greenway, Jr.
as its: Member

**Accepted by Augusta, Georgia
by and through its Commission**

by: _____
as the Mayor

Attest: Clerk of Commission

City
10/14/08

STATE OF GEORGIA)
)
RICHMOND COUNTY)

(Roads & Storm Drainage)
MAINTENANCE AGREEMENT

THIS AGREEMENT, entered into this _____ day of _____, 2007 by and between **The Orchard Group of Augusta, LLC** hereinafter referred to as "Developer", and **Augusta, Georgia**, a political subdivision of the State of Georgia, acting by and through its Commission, hereinafter referred to as "Augusta";

WHEREAS, the Developer requests that the Augusta, Georgia Commission accept certain roads, storm drains, and appurtenances in **The Orchard, Section 1**, as shown on a plat prepared by James G. Swift & Associates, dated July 6, 2007 and which plat is recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in Deed Reel _____, Page _____.

WHEREAS, Augusta, Georgia has adopted a policy requiring the Developer to maintain all installations laid or installed in the subdivision for a period of eighteen months, which Augusta accepts by deed;

NOW THEREFORE, in consideration of the premises, the expense previously incurred by Developer and the mutual agreements hereinafter set out, IT IS AGREED THAT:

(1) Augusta accepts the roads, storm drains, and appurtenances, respectfully described in the "Deed of Dedication" contemporaneously tendered herewith to Augusta, Georgia Commission, which deed is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel _____, Page _____.

(2) The Developer agrees to maintain all the installations laid or installed in said subdivision as described in said deed for a period of eighteen months from the date herein.

(3) The Developer agrees that if during said eighteen month period there is a failure of the installations laid or installed in said subdivision described in the deed due to failure of material or poor workmanship, the Developer shall be responsible for adequate maintenance and repair.

(4) In the event of such failure of the improvements, Augusta shall notify the Developer and set forth in writing the items in need of repair. The Developer should present within fifteen business days its proposed plan of repair and shall have the repairs completed at a reasonable time.

(5) In the event of an emergency, as determined by Augusta, and the Developer is unable to respond in a timely manner, Augusta shall be authorized to erect barricades, traffic direction devices and such other temporary measures as are necessary to remedy the emergency nature of the problem and to allow the Developer time to make the needed repairs.

(6) In the event the Developer fails to comply with the terms of this agreement, then Augusta shall proceed to have the necessary corrective work done, and the Developer agrees to be responsible to Augusta for payment in full of the costs of repairing the improvements due to failure of material or poor workmanship as liquidated damages.

IN WITNESS WHEREOF, Developer has hereunto set its hand and seal and Augusta has caused the execution of the agreement by and through its duly authorized officers and agents, with its seal affixed, the day and year first above written.

The Orchard Group of Augusta, LLC

by: Jerry W. Greenway, Jr. (L.S.)
Jerry W. Greenway, Jr.
as its: Member

Augusta, Georgia Commission

by: _____ (L.S.)
as the Mayor

ATTEST:

Clerk of Commission

ea
10/14/08

SUBDIVISION: The Orchard, Section I

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Orchard Drive (NW) is an existing road in Richmond County, Georgia,
open to public usage; and

WHEREAS, Richmond County desires to make Orchard Drive (NW) a part of its County
Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County
Commission-Council of Richmond County, Georgia, that Orchard Drive (NW) is hereby added to its
official County Road System of Record, being described as follows and as shown on the attached sketch
map or plat showing the approximate alignment and location of said Road.

(a) Points of beginning and ending:

Beginning at C/L intersection of Sunny Day Drive

Ending at 1,626.1' NW & NE to 40' G.A.B. turn-around

(b) Length of road to nearest 1/100th mile:

0.31 mile

(c) Width & type of road surface:

31' from back of curb to back of curb;

Type E asphalt

(d) Right-of-Way:

60' foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a
certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section
District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

Handwritten signature and date:
10/14/08

SUBDIVISION: The Orchard, Section I

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Sunny Day Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Sunny Day Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Sunny Day Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

(a) Points of beginning and ending:

Beginning at C/L intersection of Orchard Drive

Ending at 1,394.5' SE and NE to 40' G.A.B. turn-around

(b) Length of road to nearest 1/100th mile:

0.26 mile

(c) Width & type of road surface:

31' from back of curb to back of curb;

Type E asphalt

(d) Right-of-Way:

60' foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

Handwritten signature and date:
10/14/08

SUBDIVISION: The Orchard, Section I

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Peach Blossom Pass (SE) is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Peach Blossom Pass (SE) a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Peach Blossom Pass (SE) is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at C/L intersection of Orchard Drive
Ending at 1,106' SE and NE to include half circle to 40' G.A.B. turn-around
- (b) Length of road to nearest 1/100th mile:
0.21 mile
- (c) Width & type of road surface:
31' from back of curb to back of curb;
Type E asphalt
- (d) Right-of-Way:
60' foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

SUBDIVISION: The Orchard, Section I

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Peach Blossom Pass (NW) is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Richmond County desires to make Peach Blossom Pass (NW) a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta-Richmond County Commission-Council of Richmond County, Georgia, that Peach Blossom Pass (NW) is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at C/L intersection of Orchard Drive
Ending at 793' NW and NE to and including cul-de-sac
- (b) Length of road to nearest 1/100th mile:
0.15 mile
- (c) Width & type of road surface:
31' from back of curb to back of curb;
Type E asphalt
- (d) Right-of-Way:
60' foot

The Augusta-Richmond County Commission-Council is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____
Clerk of Commission

CS
10/14/08



**Engineering Services Committee Meeting
10/27/2008 1:15 PM
Vehicle Maintenance Contract**

Department: Clerk of Commission

Caption: Discuss the City's vehicle maintenance contract. (Requested by Commissioner Smith)

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

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

REVIEWED AND APPROVED BY:

Clerk of Commission
