



Engineering Services Committee Committee Room- 5/12/2008- 11:35 AM
Meeting

ENGINEERING SERVICES

1. Approve AUD's use of 2004 Engineering RFQ for New Projects. ☐ [Attachments](#)
2. Approve Change Order #1 to the existing construction contract with Oscar Renda Contracting to modify the pavement repair method for New Savannah Road. ☐ [Attachments](#)
3. Approve Change Order #2 to the existing construction contract with Oscar Renda Contracting to provide for changes to original construction requirements as listed in the attached change order #2 documentation ☐ [Attachments](#)
4. Approve Change Order #3 to the existing construction contract with W.L. Hailey and Company, Inc. to construct the Rae's Creek Sanitary Sewer Improvements Project. ☐ [Attachments](#)
5. Approve concept of a Cost Sharing Agreement between Automatic Data Processing (ADP) and AUD to share 50% of the construction cost for a sewer line to serve ADP and surrounding properties on Interstate Parkway. ☐ [Attachments](#)
6. Approve final Deductive Change Order for Eagle Utility Contracting in the amount of (\$43,782.60) for the Upper Butler Creek Sanitary Sewer, Project #50128. ☐ [Attachments](#)
7. Motion to approve and accept the AGL Option and Deed for an easement on AUD Project 10158. ☐ [Attachments](#)
8. Motion to approve and accept the Atlanta Gas Light ☐ [Attachments](#)

Encroachment Agreement for AUD Project 60107.

9. Authorize the Cultural Resources Management services related to the Archeological Site 9R1158 (aka The Pig Pen Site) with R. S. Webb & Associates in the amount of \$90,142.00. ☐ [Attachments](#)
10. Approve a Memo of Understanding designating the Augusta Convention and Visitors Bureau as the managing entity of the wayfinding sign system. ☐ [Attachments](#)
11. Approve request to award bid for Ashley Drive Storm Water Pipe Replacement to low bidder, Beam's Contracting, in the amount of \$104,075. ☐ [Attachments](#)
12. Approve Change Order #1 to DS Utilities Company Inc. to make final quantity adjustments (deductions and overruns) in accordance with the terms of the unit price contract as well as add two new unit price line items to the contract. ☐ [Attachments](#)
13. Consider a request from the Brigadier General E. Porter Alexander Camp #158, Sons of Confederate Veterans, for permission to perform restoration work on the Confederate Powder Works Chimney located at Sibley Mill on Goodrich Street. ☐ [Attachments](#)
14. Approve award of Construction Contract to CBH Construction in the amount of \$61,079.00 for the Storm Pipe Replacement at Good News Baptist Church (CPB#322-041110-206822001), subject to receipt of signed contracts and proper bonds. Also approve Change Number One in the amount of \$10,000 to be funded from One Percent Sales Tax, Phase II Recapture as requested by the Engineering Department. ☐ [Attachments](#)
15. Discuss building location for Juvenile Court. ☐ [Attachments](#)
16. Motion to authorize condemnation of a portion of a property owned by Darnell Warren as Administrator for ☐ [Attachments](#)

the Estate of Mattie of Mattie L. Warren; 9948 square feet of permanent easement and 9341 square feet of temporary construction easement, PIN: 099-0-070-00-0, property address: 2417 Doug Barnard Parkway.

17. Motion to authorize condemnation of a portion of a property owned by Sheila Ann Mitchell; 1,618 square feet of permanent access, utility and maintenance easement and 2,015 square feet of temporary construction easement. PIN: 132-0-447-00-0, property address: 3490 Monte Carlo Drive. ☐ [Attachments](#)
18. Approve the purchase of a KIP 5202 Large Document Color Scanner/Copier/Printer System and Accessories in the amount of \$35,078.75. ☐ [Attachments](#)
19. Ratify Change Order 2 to Daily Rate Construction Program for Emergency Line Replacement on New Savannah Rd. for \$205,000.00. ☐ [Attachments](#)
20. Ratify Emergency Bid to replace Eisenhower Hospital 14” Water Line. ☐ [Attachments](#)
21. Approve proposal for the professional services in the amount of \$86,500 to ZEL Engineering for the plan of study for the Rock Creek basin. ☐ [Attachments](#)

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**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Approve AUD's use of 2004 Engineering RFQ for New Projects**

Department: Utilities

Caption: Approve AUD's use of 2004 Engineering RFQ for New Projects.

Background: In 2004, AUD issued an RFQ for engineering services. Engineers were selected for projects based on those responses. AUD would like to continue to use that list for engineering requirements on Fort Gordon.

Analysis: AUD would like to continue to use the 2004 RFQ list.

Financial Impact: None

Alternatives: Advertise another RFQ for engineering services.

Recommendation: We recommend using the 2004 list.

Funds are Available in the Following Accounts: None.

REVIEWED AND APPROVED BY:

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

Request for Qualifications

RFQ's will be received at this office until 3:00 p.m., Tuesday, April 12, 2005

RFQ #05-087 Qualified Engineering Firms on 2004 Bond Issue Projects for Augusta Utilities

RFQ's 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 30911
706-821-2422

RFQ documents may be obtained at the office of the Augusta, GA Procurement Department, 530 Greene Street – Room 605, Augusta, GA 30911.

All questions must be submitted in writing to the office of the Procurement Department by fax at 706-821-2811 or by mail. No RFQ will be accepted by fax, all must be received by mail or hand delivered.

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.

It is the wish of the Owner that minority businesses are given the opportunity to submit on the various parts of the work. This desire on the part of the Owner is not intended to restrict or limit competitive bidding or to increase the cost of the work. The Owner supports a healthy free market system that seeks to include responsible businesses and provide ample opportunity for business growth and development.

No RFQ may be withdrawn for a period of 60 days after time has been called on the date of opening.

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 Request of Qualification 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 RFQ number on the outside of the envelope.

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

Augusta has a Link Deposit program designed to provide loans to eligible local Small, Minority and Women Owned Businesses. For more information about this program contact the Human Resources Department at 706-821-2303.

GERI A. SAMS, Procurement Director

Publish:
Augusta Chronicle March 10, 17, 24, 31, 2005
Augusta Focus March 17, 2005

cc: Tameka Allen Interim Deputy Administrator
 Yvonne Gentry DBE Coordinator
 Max Hicks Utilities Department
 Jim Rush CH2M Hill



**Engineering Services Committee Meeting
5/12/2008 11:35 AM**

Approve Change Order #1 to the existing construction contract with Oscar Renda Contracting to modify the pavement repair method for New Savannah Road.

Department: Utilities

Caption: Approve Change Order #1 to the existing construction contract with Oscar Renda Contracting to modify the pavement repair method for New Savannah Road.

Background: Main Interceptor Upgrade Replacement Phase I is a previously authorized project consisting of a gravity type sewer pipe installed under , and continuing along Doug Barnard Parkway to . In addition to the new sewer pipe, a new water main was installed along a portion of ahead of this sewer project. The pavement repair method included in the sewer contract would have been sufficient had the Utilities Department only installed the sewer line. Due to the width of the Right of Way on New Savannah Road there were no options except to install the new water main in the road alongside the new sewer line. The additional trench width necessitated a change in the pavement repair detail for and an update to the bid schedule.

Analysis: Approving this change order will allow the Contractor to proceed with the repair of New Savannah Road in a timely manner.

Financial Impact: Funds for this authorization can be charged to the 2004 Series Capital Improvement Program: \$187,430.00 funded by account number: 511043420-5425210/801601115-5425210

Alternatives: No recommended alternatives.

Recommendation: We recommend the Commission approve Change Order #1 to the existing contract with Oscar Renda Contracting in the

Cover Memo

Item # 2

amount of \$187,430.00.

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

\$187,430.00 from 511043420-5425210/80160115-5425210

REVIEWED AND APPROVED BY:

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

CONSTRUCTION CONTRACT CHANGE ORDER

CO NUMBER	1
BID ITEM	06-171
DATE	03/14/2008

PROJECT TITLE Main Interceptor Upgrade Replacement Phase I**ORIGINAL CONTRACT DATE** 01/02/2007**PROJECT NUMBER** 60115**OWNER** AUGUSTA, GEORGIA**PO NUMBER** P131205

The following change is hereby made to the contract for the above project:

Description of Change (for a more detailed description see attached proposal):

This is an add type change order intended to adjust the bid amount quantities to the actual quantities utilized for this project.

PAYEE Oscar Renda Contracting, Inc.

TOTAL AMOUNT OF THIS CHANGE ORDER \$ 187,430.00

The contract time will be effected by 60 calendar days as a result of this change.

ORIGINAL CONTRACT AMOUNT \$ 15,619,620.00

PREVIOUS CHANGE ORDER (INCREASE) \$ 0.00

THIS CHANGE ORDER (INCREASE) \$ 187,430.00

TOTAL REVISED CONTRACT AMOUNT WITH CHANGE ORDER \$ 15,807,050.00

FUNDING NUMBER/ACCOUNT NUMBER 511043420 5425210

80160115 5425210

PROPOSED BY:

DATE:

CONTRACTOR

REQUESTED BY:

DATE:

ENGINEER

SUBMITTED BY:

DATE:

DEPARTMENT HEAD

FINANCE ENDORSEMENT:

DATE:

COMPTROLLER

RECOMMENDED BY:

DATE:

ADMINISTRATOR

APPROVED BY:

DATE:

MAYOR

OSCAR RENDA CONTRACTING

March 4, 2008

Mr. Reiny Dahlke, Construction Manager
CH2M Hill
360 Bay St., Suite 100
Augusta, GA 30901

Re: Main Interceptor Upgrade Replacement, Phase 1
Project 60115 – Request for Change #7

Mr. Dahlke,

Pursuant to revised sheets C-28 rev 1, dated February-2008, below are the cost impacts associated with this revision. The revised detail calls for full width road restoration, in lieu of the trench restoration called for in the plans. The pricing below takes into account the GABC that has been installed in conjunction with the 63" sewer main, and the water main which will remain in place. The pricing does include new GABC for the portion of existing roadway that will have to be removed.

2.5" HMAC Binder Type "B"	10080 SY	\$ 12.75	\$128,520.00
New GABC	3780 SY	\$ 13.00	\$ 49,140.00
Establish Grade on Existing Base	6300 SY	\$ 3.00	\$ 18,900.00
Haul-off excess material	137 LDs	\$ 110.00	\$ 15,070.00
Survey	1 LS	\$ 6,000.00	\$ 6,000.00
Traffic Control	1 LS	\$ 4,000.00	\$ 4,000.00
ORC OH&P @ 10%			\$ 22,163.00
Bond @ 1%			<u>\$ 2,437.00</u>
SUB-TOTAL			\$246,230.00

Credit for HMAC in Bid item P-2 that was not used (4200 SY)	<u>(\$ 58,800.00)</u>
TOTAL	\$187,430.00

Please provide the appropriate change order paperwork for execution. Should you have any questions, please feel free to contact me.

Sincerely,



Dennis Bailey
Regional Project Manager
Oscar Renda Contracting, Inc.
cc: Frank Renda, File

522 Benson Lane ~ Roanoke, Texas 76262 ~ 817.491.2703 ~ FAX 817.491.4483
www.oscarrendacontracting.com

Item # 2



**Engineering Services Committee Meeting
5/12/2008 11:35 AM**

Approve Change Order #2 to the existing construction contract with Oscar Renda Contracting to provide for changes to original construction requirements as listed in the attached change order #2 documentation

Department: Utilities

Caption: Approve Change Order #2 to the existing construction contract with Oscar Renda Contracting to provide for changes to original construction requirements as listed in the attached change order #2 documentation

Background: Main Interceptor Upgrade Replacement Phase I is a previously authorized project consisting of a gravity type sewer pipe installed under , and continuing along Doug Barnard Parkway to . Additional construction requirements unforeseen in the original contract scope of work necessitated these change requests.

Analysis: Approving this change order will allow the Contractor to proceed with the installation of the main interceptor sewer in a timely manner.

Financial Impact: Funds for this authorization can be charged to the 2004 Series Capital Improvement Program: \$245,358.00 funded by account number: 511043420-5425210/801601115-5425210. This change order represents 1.57% of the total contract amount of \$15,619,620.00

Alternatives: No recommended alternatives.

Recommendation: We recommend the Commission approve Change Order #2 to the existing contract with Oscar Renda Contracting in the amount of \$245,358.00.

**Funds are
Available in the**

**Following
Accounts:**

\$245,358.00 from 511043420-5425210/80160115-5425210

REVIEWED AND APPROVED BY:

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

Date: 4/3/2008

Re: **Main Interceptor Upgrade Replacement Phase I
Project Number 60115
Change Order #2 Additional Construction Requirements**

Department: Utilities

Caption: Approve Change Order #2 to the existing construction contract with Oscar Renda Contracting to provide for changes to original construction requirements as listed in the attached change order #2 documentation.

Background: Main Interceptor Upgrade Replacement Phase I is a previously authorized project consisting of a gravity type sewer pipe installed under New Savannah Road, crossing under Gordon Highway, and continuing along Doug Barnard Parkway to Dan Bowles Road. Additional construction requirements unforeseen in the original contract scope of work necessitated these change requests.

Analysis: Approving this change order will allow the Contractor to proceed with the installation of the main interceptor sewer in a timely manner.

Financial impact: Funds for this authorization can be charged to the 2004 Series Capital Improvement Program:

\$245,358.00 funded by account number: 511043420-5425210/801601115-5425210. This change order represents 1.57% of the total contract amount of \$15,619,620.00

Alternatives: No recommended alternatives.

Recommendation: We recommend the Commission approve Change Order #2 to the existing contract with Oscar Renda Contracting in the amount of \$245,358.00.

Requested Agenda Date: April 28, 2008 (Engineering Services Committee Meeting)

**FUNDS ARE
AVAILABLE IN
THE FOLLOWING
ACCOUNTS:**

\$245,358.00 from 511043420-5425210/801601115-5425210

CONSTRUCTION CONTRACT CHANGE ORDER

CO NUMBER	2
BID ITEM	06-171
DATE	04/08/2008

PROJECT TITLE Main Interceptor Upgrade Replacement Phase I
ORIGINAL CONTRACT DATE 01/02/2007 **PROJECT NUMBER** 60115
OWNER AUGUSTA, GEORGIA **PO NUMBER** P131205

The following change is hereby made to the contract for the above project:

Description of Change (for a more detailed description see attached proposal):
This is an add type change order intended to adjust the bid amount quantities to the actual quantities utilized for this project.

PAYEE Oscar Renda Contracting, Inc.
TOTAL AMOUNT OF THIS CHANGE ORDER \$ 245,358.00

The contract time will be effected by 20 calendar days as a result of this change.

ORIGINAL CONTRACT AMOUNT \$ 15,619,620.00
PREVIOUS CHANGE ORDER (INCREASE) \$ 187,430.00
THIS CHANGE ORDER (INCREASE) \$ 245,358.00
TOTAL REVISED CONTRACT AMOUNT WITH CHANGE ORDER \$ 16,052,408.00

FUNDING NUMBER/ACCOUNT NUMBER 511043420 5425210
80160115 5425210

PROPOSED BY:

Dennis Bailey
CONTRACTOR

DATE:

4-11-08

REQUESTED BY:

R.C. Dahlke
ENGINEER

DATE:

4-14-2008

SUBMITTED BY:

DEPARTMENT HEAD

DATE:

FINANCE ENDORSEMENT:

COMPTROLLER

DATE:

RECOMMENDED BY:

ADMINISTRATOR

DATE:

APPROVED BY:

MAYOR

DATE:

Project 60115
Main Interceptor Ph. I
Change Order Request Summary
Oscar Renda Contracting

COR #	Description	Negotiated Amount
COR 1	Oates Creek Channel Bottom and Box Culvert Interference/Channel Bottom holes to be plugged	\$10,128.16
COR 2	Interference and removal/plugging of existing 60" sewer line on Doug Barnard Parkway	\$24,489.09
COR 3	Interference and removal of existing 15' x 15' x 7' concrete foundation	\$18,500.27
COR 4	Installation of bypass valves at FPL Foods on New Savannah Road	\$9,001.01
COR 5	Changes on Drawings C04 and C27 at Special Structure #1 and 1A	\$8,954.68
COR 6	Purchase 600' of 16 D.I. Pipe for FPL Foods bypass	\$20,355.00
COR 6B	Changes on Drawings C12 and C27 for storm water box culvert and headwall - Note - This revision has been reviewed and new revision forthcoming	\$4,980.00
RFC 2	Georgia Power Easement Encroachment Agreement acquisition on Doug Barnard Parkway	\$148,950.00
Total		\$245,358.21

COST CHANGE REQUEST

PROJECT: Main Interceptor Upgrade Replacement Phase 1 PCM # 001revised
 OWNER: City of Augusta ENGINEER: Stevenson & Palmer
 CONTRACTOR: Oscar Renda Contracting, Inc.
 PROJ. NO: Augusta Utilities Department Project No. 60115 DATE: 31-Mar-08
 REQUEST: Costs for Plugging holes in Channel

SUMMARY SHEET**1 MATERIAL**

Material Cost		\$	581.25
Sales Tax	\$581.25 @ 7%	\$	40.69
Material Handling Cost	@ 0%	\$	-
Expendable Material	@ 0%	\$	-
TOTAL MATERIAL COST		\$	621.94

2 LABOR

Manhours	168 @ \$17.00	\$	2,856.00
Foreman	24 @ \$32.00	\$	768.00
Supervision	24 @ \$47.50	\$	1,140.00
Project Manager	0 @ \$125.00	\$	-
Hourly Labor Cost		\$	4,764.00
Labor Burden	@ 55.0%	\$	2,620.20
Tool Replacement Cost	@ 0%	\$	-
TOTAL LABOR COST		\$	7,384.20

3 EQUIPMENT COSTS

	\$	670.80
ORC Cost Subtotal	\$	8,676.94

4 SUBCONTRACTOR COST

	\$	-
Fee on Subcontract Cost	5% \$	-
Subcontract Subtotal	\$	-

5 Over Head & Profit on ORC Cost

	@ 15.0%	\$	1,301.54
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BOND & INSURANCE COST	@ 1.5%	\$	149.68
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CHANGE REQUEST TOTAL	\$	10,128.16
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COST CHANGE REQUEST

PROJECT:	Main Interceptor Upgrade Replacement Phase 1	PCM # 002 revised
OWNER:	City of Augusta	ENGINEER: Stevenson & Palmer
CONTRACTOR:	Oscar Renda Contracting, Inc.	
PROJ. NO:	Augusta Utilities Department Project No. 60115	DATE: 31-Mar-08
REQUEST:	Costs Associated with Existing 60" Sewer Line	

SUMMARY SHEET**1 MATERIAL**

Material Cost		\$	2,060.00
Sales Tax	\$2,060.00 @	7%	\$ 144.20
Material Handling Cost	@	0%	\$ -
Expendable Material	@	0%	\$ -
TOTAL MATERIAL COST		\$	2,204.20

2 LABOR

Manhours	0 @	\$0.00	\$ -
Foreman	0 @	\$0.00	\$ -
Superintendent	0 @	\$0.00	\$ -
Project Manager	0 @	\$0.00	\$ -
 Hourly Labor Cost		\$	 5,836.68
Labor Burden	@	0.0%	\$ -
Tool Replacement Cost	@	0%	\$ -
TOTAL LABOR COST		\$	5,836.68

3 EQUIPMENT COSTS

	\$	12,389.28	
ORC Cost Subtotal			\$ 20,430.16

4 SUBCONTRACTOR COST

	\$	575.00	
Fee on Subcontract Cost	10%	\$	57.50
Subcontract Subtotal			\$ 632.50

5 Over Head & Profit on ORC Cost

	@	15.0%	\$	3,064.52
BOND & INSURANCE COST	@	1.5%	\$	361.91

<i>Loss of Production/Profit</i>	@			
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CHANGE REQUEST TOTAL

	\$	24,489.09
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COST CHANGE REQUEST

PROJECT:	Main Interceptor Upgrade Replacement Phase 1	PCM # 003 revised
OWNER:	City of Augusta	ENGINEER: Stevenson & Palmer
CONTRACTOR:	Oscar Renda Contracting, Inc.	
PROJ. NO:	Augusta Utilities Department Project No. 60115	DATE: 31-Mar-08
REQUEST:	Costs Associated with Concrete Slab	

SUMMARY SHEET**1 MATERIAL**

Material Cost		\$	-
Sales Tax	@ 7%	\$	-
Material Handling Cost	@ 1%	\$	-
Expendable Material	@ 2%	\$	-
TOTAL MATERIAL COST		\$	-

2 LABOR

Manhours	0 @	\$0.00	\$	-
Foreman	0 @	\$0.00	\$	-
Superintendent	0 @	\$0.00	\$	-
Project Manager	0 @	\$0.00	\$	-
 Hourly Labor Cost		\$	5,836.68	
Labor Burden	@ 0.0%	\$	-	
Tool Replacement Cost	@ 5%	\$	291.83	
TOTAL LABOR COST		\$	6,128.51	

3 EQUIPMENT COSTS

	\$	9,720.94
ORC Cost Subtotal	\$	15,849.45

4 SUBCONTRACTOR COST

	\$	-
Fee on Subcontract Cost	10% \$	-
Subcontract Subtotal	\$	-

5 Over Head & Profit on ORC Cost

	@ 15.0%	\$	2,377.42
 BOND & INSURANCE COST	@ 1.5%	\$	273.40
 Loss of Production/Profit	@		

CHANGE REQUEST TOTAL

\$	18,500.27
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COST CHANGE REQUEST

PROJECT: Main Interceptor Upgrade Replacement Phase 1 PCM # 004 revised
 OWNER: City of Augusta ENGINEER: Stevenson & Palmer
 CONTRACTOR: Oscar Renda Contracting, Inc.
 PROJ. NO: Augusta Utilities Department Project No. 60115 DATE: 22-Oct-07
 REQUEST: Costs Associated with Cutting in 4 - 16" Valves & 2 - Tees

SUMMARY SHEET**1 MATERIAL**

Material Cost		\$	440.00
Sales Tax	\$440.00 @	8%	\$ 36.30
Material Handling Cost	@	0%	\$ -
Expendable Material	@	0%	\$ -
TOTAL MATERIAL COST		\$	476.30

2 LABOR

Manhours	50 @	\$21.00	\$	1,050.00
Foreman	10 @	\$42.00	\$	420.00
Superintendent	5 @	\$75.00	\$	375.00
Project Manager	0 @	\$125.00	\$	-
Hourly Labor Cost			\$	1,845.00
Labor Burden	@	55.0%	\$	1,014.75
Tool Replacement Cost	@	5%	\$	92.25
TOTAL LABOR COST			\$	2,952.00

3 EQUIPMENT COSTS

		\$	4,283.00
ORC Cost Subtotal		\$	7,711.30

4 SUBCONTRACTOR COST

		\$	-
Fee on Subcontract Cost	10%	\$	-
Subcontract Subtotal		\$	-

5 Over Head & Profit on ORC Cost

	@	15.0%	\$	1,156.70
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BOND & INSURANCE COST	@	1.5%	\$	133.02
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CHANGE REQUEST TOTAL		\$	9,001.01
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COST CHANGE REQUEST

PROJECT: Main Interceptor Upgrade Replacement Phase 1 PCM # 005 revised
 OWNER: City of Augusta ENGINEER: Stevenson & Palmer
 CONTRACTOR: Oscar Renda Contracting, Inc.
 PROJ. NO: Augusta Utilities Department Project No. 60115 DATE: 10-Dec-07
 REQUEST: Costs Associated with Additional Slide Gate Frame for Structure #1 &
 an additional 10' diameter manhole

SUMMARY SHEET**1 MATERIAL**

Material Cost		\$	2,840.00
Sales Tax	@	7%	\$ -
Material Handling Cost	@	1%	\$ 28.40
Expendable Material	@	2%	\$ 56.80
TOTAL MATERIAL COST		\$	2,925.20

2 LABOR

Manhours	40 @	\$17.00	\$ 680.00
Foreman	8 @	\$42.00	\$ 336.00
Superintendent	4 @	\$47.50	\$ 190.00
Project Manager	0 @	\$125.00	\$ -
Hourly Labor Cost		\$	1,206.00
Labor Burden	@	55.0%	\$ 663.30
Tool Replacement Cost	@	5%	\$ 60.30
TOTAL LABOR COST		\$	1,929.60

3 EQUIPMENT COSTS

	\$	2,816.80
ORC Cost Subtotal	\$	7,671.60

4 SUBCONTRACTOR COST

	\$	-
Fee on Subcontract Cost	10%	\$ -
Subcontract Subtotal	\$	-

5 Over Head & Profit on ORC Cost

	@	15.0%	\$ 1,150.74
BOND & INSURANCE COST	@	1.5%	\$ 132.34

CHANGE REQUEST TOTAL

	\$	8,954.68
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Summary: The above pricing is in addition to Bid Item S-38 Special Structure #1
 The following items pertain to the additional 10' diameter manhole that was added.
 S-20F Precast SMH, GA DOT STD 1011A, TY1, Depth 0-6 (120" Dia) 1 EA @ \$9000.00

COST CHANGE REQUEST

PROJECT:	Main Interceptor Upgrade Replacement Phase 1	PCM # 006 revised
OWNER:	City of Augusta	ENGINEER: Stevenson & Palmer
CONTRACTOR:	Oscar Renda Contracting, Inc.	
PROJ. NO:	Augusta Utilities Department Project No. 60115	DATE: 4-Jan-08
REQUEST:	16" D.I. Pipe	

SUMMARY SHEET**1 MATERIAL**

Material Cost		\$	16,424.78
Sales Tax	\$16,424.78 @	7%	\$ 1,149.73
Material Handling Cost	@	2%	\$ 328.50
Expendable Material	@	0%	\$ 328.50
TOTAL MATERIAL COST		\$	18,231.51

2 LABOR

Manhours	0 @	\$0.00	\$ -
Foreman	0 @	\$42.00	\$ -
Superintendent	0 @	\$75.00	\$ -
Project Manager	0 @	\$125.00	\$ -
Hourly Labor Cost		\$	-
Labor Burden	@	0.0%	\$ -
Tool Replacement Cost	@	0%	\$ -
TOTAL LABOR COST		\$	-

3 EQUIPMENT COSTS

ORC Cost Subtotal		\$	18,231.51
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4 SUBCONTRACTOR COST

Fee on Subcontract Cost	10%	\$	-
Subcontract Subtotal		\$	-

5 Over Head & Profit on ORC Cost

	@	10.0%	\$ 1,823.15
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BOND & INSURANCE COST	@	1.5%	\$ 300.34
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CHANGE REQUEST TOTAL		\$	20,355.00
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OSCAR RENDA ~ CONTRACTING

January 28, 2008
March 31, 2008 revised

Mr. Reiny Dahlke, Construction Manager
CH2M Hill
360 Bay St., Suite 100
Augusta, GA 30901

Re: Main Interceptor Upgrade Replacement, Phase 1
Project 60115 – Request for Change #6B

Mr. Dahlke,

Pursuant to revised sheets C-12 & C-27, below are the cost impacts associated with these revisions. The revised plan sheets show installing 8' x 3' box culvert, a headwall, and rock riprap in lieu of 3-36" RCP pipe.

Install 8'x 3' box culvert	44 LF	\$ 45.00	\$ 1,980.00
Headwall	1 EA	\$5,000.00	\$ 5,000.00
Rock Rip Rap	50 SY	\$ 100.00	<u>\$ 5,000.00</u>
	SUB-TOTAL		\$11,980.00
Credit for Bid Item M-11	1 LS		<u>(\$ 7,000.00)</u>
TOTAL CHANGE REQUEST			\$ 4,980.00

Please provide the appropriate change order paperwork for execution. Should you have any questions, please feel free to contact me.

Sincerely,



Dennis Bailey
Regional Project Manager
Oscar Renda Contracting, Inc.

cc: Frank Renda, File

522 Benson Lane ~ Roanoke, Texas 76262 ~ 817.491.2703 ~ FAX 817.491.4483
www.oscarrendacontracting.com

Item # 3

OSCARRENDA ~ CONTRACTING

June 13, 2007

March 31, 2008 revised

Mr. Reiny Dahlke, Construction Manager
CH2M Hill
360 Bay St., Suite 100
Augusta, GA 30901

Re: Main Interceptor Upgrade Replacement, Phase 1
Project 60115 – Request for Change #2

Mr. Dahlke,

This project was awarded in January of this year, a preconstruction meeting was held on February 15; however, ORC did not get the Notice-to-Proceed until April 9th. On May 4th, ORC had to delay our pipe laying crews for one month pursuant to a letter dated 5/4/07. On June 1, we were notified that the easements would not be available until 7/30/07. We have been patient, and have worked with you on all issues pertaining to the project. ORC has incurred additional expenses that are directly associated with this delay. This has not only impacted the schedule/duration of this project, but has also affected scheduling on other projects.

This delay has affected/extended the following items an additional 3 months: direct overhead, apartments, utility costs (electric, water), project manager, mobilization/demobilization of 966 Cat loader, cost to string pipe, and the dewatering equipment rental. **ORC requests reimbursement, for the above items, in the amount of \$148,950.00, and an additional 105 days be added to the contact.**

Please provide the appropriate change order paperwork for execution. Should you have any questions, please feel free to contact me.

Sincerely,



Dennis Bailey
Regional Project Manager
Oscar Renda Contracting, Inc.

cc: Frank Renda, File

522 Benson Lane ~ Roanoke, Texas 76262 ~ 817.491.2703 ~ FAX 817.491.4483
www.oscarrendacontracting.com

OSCAR RENDA ~ CONTRACTING

July 23, 2007

March 31, 2008 revised

Mr. Reiny Dahlke, Construction Manager
CH2M Hill
360 Bay St., Suite 100
Augusta, GA 30901

Re: Main Interceptor Upgrade Replacement, Phase 1
Project 60115

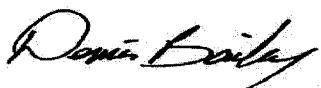
Mr. Dahlke,

Pursuant to your request, the following is the breakdown for RFC #2.

Overhead	\$ 20,600.00
Apartments/Utilities	\$ 5,850.00
966 Loader – Mob/Demob	\$ 10,000.00
Project Manager	\$ 9,000.00
Dewatering Equipment Rental	<u>\$103,500.00</u>
Total	\$148,950.00

Should you have any questions, please feel free to contact me.

Sincerely,



Dennis Bailey
Regional Project Manager
Oscar Renda Contracting, Inc.

cc: Frank Renda, File

522 Benson Lane ~ Roanoke, Texas 76262 ~ 817.491.2703 ~ FAX 817.491.4483
www.oscarrendacontracting.com

Item # 3



**Engineering Services Committee Meeting
5/12/2008 11:35 AM**

Approve Change Order #3 to the existing construction contract with W.L. Hailey and Company, Inc. to construct the Rae's Creek Sanitary Sewer Improvements Project.

Department: Utilities

Caption: Approve Change Order #3 to the existing construction contract with W.L. Hailey and Company, Inc. to construct the Rae's Creek Sanitary Sewer Improvements Project.

Background: W.L. Hailey is currently working on the Rae's Creek Trunk Sewer Improvements Project for the Augusta Utilities Department. While installing the new sewer line in the contractor exposed a storm sewer that was identified in the contract documents. Per the contract documents they removed a section of the storm sewer pipe, installed the new sewer pipe, and reinstalled a temporary crossing that would be replaced later with a permanent section. At the time the storm sewer line was exposed it was noted that the pipe was in very poor condition and the soil surrounding the pipe was not adequate for backfill in the pipe zone with evidence of storm water leakage along the pipe. Blockages were also identified in the storm sewer line and Augusta Streets and Drains was contacted. Streets and Drains responded and removed what they could on such short notice with intentions of coming back to finish removing the blockages. That evening we received in excess of an inch of rain. The storm sewer failed into the open sewer trench due to the blockages in the pipe. This event caused us to close to through traffic until repairs could be made. The contractor spent an entire day cleaning out the new sewer line that was filled with silt during event. In order to alleviate the problem in the future as well as getting the road opened back up to traffic the Utilities Department requested the contractor install new 30-inch storm pipe and manhole.

Analysis: Approving this change order will allow the Utilities Department to pay W.L. Hailey for work not covered under the original contract. In order to avoid excessive delay costs

Cover Memo

Item # 4

associated with contractor downtime the Utilities Department authorized the contractor to proceed with the storm sewer replacement. This change order amounts to 1.15% of the total value of the contract.

Financial Impact: \$28,971.95 from the Renewal and Extension Fund and account number 507043420-5425210/ 80260112-5425210.

Alternatives: None.

Recommendation: We recommend the Commission approve change order #3 to the existing contract with W.L. Hailey and Company, Inc. in the amount of \$28,971.95.

Funds are Available in the Following Accounts: \$28,971.95 from 507043420-5425210/ 80260112-5425210

REVIEWED AND APPROVED BY:

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

CONSTRUCTION CONTRACT CHANGE ORDER

CO NUMBER	3
BID ITEM	07-139
DATE	2/4/2008

PROJECT TITLE Rae's Creek Trunk Sewer Improvements
ORIGINAL CONTRACT DATE 10/16/07 **PROJECT NUMBER** 60112
OWNER AUGUSTA-RICHMOND COUNTY COMMISSION **PO NUMBER** P142261

The following change is hereby made to the contract for the above project:

Description of Change (for a more detailed description see attached proposal):
 Costs to excavate the pipe trench, replace material, and recompact the effected excavation after a plugged storm line outside of the construction limits caused water to fill the construction site. Also included in this change are the costs associated with the replacement of a storm drain failure in Camellia Drive.

PAYEE W.L. Hailey and Company, Inc.
TOTAL AMOUNT OF THIS CHANGE ORDER \$ 28,971.95

The contract time will be INCREASED by 0 calendar days as a result of this change.

ORIGINAL CONTRACT AMOUNT \$ 2,510,796.35
PREVIOUS CHANGE ORDER (INCREASE) \$ 27,589.60
THIS CHANGE ORDER (INCREASE) \$ 28,971.95
TOTAL REVISED CONTRACT AMOUNT WITH CHANGE ORDER \$ 2,567,357.90

FUNDING NUMBER/ACCOUNT NUMBER 507043420 5425210
 80260112 5425210

PROPOSED BY:


 CONTRACTOR

DATE: 02/11/08

REQUESTED BY:


 ENGINEER

DATE: 2/15/2008

SUBMITTED BY:

 DEPARTMENT HEAD

DATE: _____

FINANCE ENDORSEMENT:

 COMPTROLLER

DATE: _____

RECOMMENDED BY:

 ADMINISTRATOR

DATE: _____

APPROVED BY:

 MAYOR

DATE: _____


W.L. HAILEY
 & COMPANY INC.

 Date: 17-Jan-08
 Project Name: Rae's Creek Sewer Improvements
 Location: Augusta, GA

 Owner: Augusta Utility Department
 Engineer: ZEL Engineering
 Contractor: W. L. Hailey and Company, Inc.

Contractor's Tracking Number: 0725102

 Description of Work: Time and Material to repair damage to new sewer line due to faulty storm drain pipe
 1 Day crew time to muck out pipe, remove saturated material, backfill with borrow material

Labor Costs

Description	Hours/Day	Rate/Hour	OT Factor	Actual Pay Hrs	Subtotal	Subsistence	Burden	Total Labor
Superintendent	8.0	\$45.00	100.00%	8.0	\$360.00	\$62.50	\$125.60	\$485.60
Project Engineer	8.0	\$35.00	100.00%	8.0	\$280.00	\$62.50	\$97.69	\$377.69
Foreman	8.0	\$36.50	100.00%	8.0	\$292.00	\$62.50	\$101.88	\$393.88
Mainline Backhoe Operator	10.0	\$22.50	113.64%	11.4	\$255.68	\$56.25	\$89.21	\$344.89
Backfill Hoe Operator	10.0	\$18.50	113.64%	11.4	\$210.23	\$46.25	\$73.35	\$283.58
Loader Operator	10.0	\$17.00	113.64%	11.4	\$193.18	\$42.50	\$67.40	\$260.58
Pipe Layer	10.0	\$16.00	113.64%	11.4	\$181.82	\$40.00	\$63.44	\$245.25
Tailman	10.0	\$15.75	113.64%	11.4	\$178.98	\$39.38	\$62.45	\$241.42
Laborer	10.0	\$12.00	113.64%	11.4	\$136.36	\$30.00	\$47.58	\$183.94
Flagman	10.0	\$14.00	100%	10.0	\$140.00	\$0.00	\$48.85	\$188.85
Flagman	10.0	\$14.00	100%	10.0	\$140.00	\$0.00	\$48.85	\$188.85
Labor Costs Subtotal								\$3,194.53

Equipment Costs

Description	Hours	Rate/Hour	Total
1/2 Ton 4x4 P/U - Supt.	8.0	\$9.28	\$74.24
1/2 Ton 4x2 P/U - PE	8.0	\$4.13	\$33.04
3/4 Ton 4x2 P/U - Foreman	8.0	\$9.08	\$72.64
3/4 Ton 4x4 P/U - Supt		\$11.43	\$0.00
2-Ton Flatbed Truck		\$16.83	\$0.00
IR 185 Air Compressor	8.0	\$13.04	\$104.32
Asphalt Saw		\$4.15	\$0.00
Light Plant A39		\$4.20	\$0.00
Multiquip Roller		\$9.00	\$0.00
Rammax Roller		\$10.38	\$0.00
Cat 314CL CRCF Excav.		\$59.94	\$0.00
Cat VIB COMP40		\$8.75	\$0.00
Cat H115 Hyd. Breaker		\$30.17	\$0.00
Komatsu PC300LC Excav	10.0	\$118.18	\$1,181.80
John Deere 644H Loader	10.0	\$64.32	\$643.20
Komatsu PC400LC-6 Excav	10.0	\$161.83	\$1,618.28
I/R SD70D Roller	10.0	\$35.38	\$353.80
8x8 Manhole Box		\$6.68	\$0.00
8x20 Trench Box		\$4.96	\$0.00
10x20 Trench Box	10.0	\$6.59	\$65.90
6x8 Trench Box (4ea)		\$3.54	\$0.00
Stone Miser		\$1.99	\$0.00
Cat 930 Loader		\$55.00	\$0.00
8x24 w/ 6' spreader rental (week)		\$20.00	\$0.00
Cat 318 Excavator		\$70.00	\$0.00
Cat 312 Excavator		\$55.00	\$0.00
Rental Light Tower	10.0	\$18.75	\$187.50
Equipment Cost Subtotal			\$4,334.73

Material and Subcontractor Costs

Vendor / Sub	Description	Amount
Sub	Dump Trucking, 3 trucks @ 60/hr	\$1,800.00
	Tipping Fees to Dump Unsuitable Material	\$750.00
Subcontractor Costs Subtotal:		\$2,550.00
Vendor	Borrow Material Billed at established Unit Prices	\$3,300.00
	(Approximately 110 CY @ \$30/CY	
	24" CMP	\$428.00
Material Costs Subtotal:		\$3,728.00

Miscellaneous Costs

Description	As Required	Subtotal
Small Tools and Supplies (5% of Labor)		\$159.73
Travel and Subsistence Expenses		\$411.88
Miscellaneous Costs Subtotal		\$571.60

Extra Work Cost Summary

Labor Costs Subtotal	\$3,195.00
Equipment Costs Subtotal	\$4,335.00
Material Costs Subtotal	\$3,728.00
Subcontractor Costs Subtotal	\$2,550.00
Miscellaneous Costs Subtotal	\$572.00
Subtotal	\$14,380.00
Contractor's Fee (15% of Labor, Equip, Material, Subs)	\$2,157.00
Total	\$16,537.00

Contract Duration Extension

Contract Extension (days) resulting from extra work performed

Item # 4

Date: 17-Jan-08
Project Name: Rae's Creek Sewer Improvements
Location: Augusta, GA

Contractor's Tracking Number: 0725102

Description of Work:	Time and Materials for removing and replacing 40' 30" storm drain based on GC-31
	1 crew day to install 40' new 30" line, set new sediment basin, place rip rap

[illegible]

Description	Hours	Rate/Hour	Total
1/2 Ton 4x4 P/U - Supt.	8.0	\$9.28	\$74.24
1/2 Ton 4x2 P/U - PE	8.0	\$4.13	\$33.04
3/4 Ton 4x2 P/U - Foreman	8.0	\$9.08	\$72.64
3/4 Ton 4x4 P/U - Supt		\$11.43	\$0.00
2-Ton Flatbed Truck		\$16.83	\$0.00
IR 185 Air Compressor	8.0	\$13.04	\$104.32
Asphalt Saw		\$4.15	\$0.00
Light Plant A39		\$4.20	\$0.00
Multiquip Roller		\$9.00	\$0.00
Rammax Roller		\$10.38	\$0.00
Cat 314CL CRCF Excav.		\$59.94	\$0.00
Cat VIB COMP40		\$8.75	\$0.00
Cat H115 Hyd. Breaker		\$30.17	\$0.00
Komostu PC300LC Excav	10.0	\$118.18	\$1,181.80
John Deere 644H Loader	10.0	\$64.32	\$643.20
Komatsu PC400LC-6 Excav	10.0	\$161.83	\$1,618.28
I/R SD70D Roller	10.0	\$35.38	\$353.80
8x8 Manhole Box		\$6.68	\$0.00
8x20 Trench Box		\$4.96	\$0.00
10x20 Trench Box	10.0	\$6.59	\$65.90
6x8 Trench Box (4ea)		\$3.54	\$0.00
Stone Miser		\$1.99	\$0.00
Cat 930 Loader		\$55.00	\$0.00
8x24 w/ 6' spreader rental		\$20.00	\$0.00
Cat 318 Excavator		\$70.00	\$0.00
Cat 312 Excavator		\$55.00	\$0.00
Equipment Cost Subtotal			\$4,147.23

Vendor / Sub	Description	Amount
Sub		
	Subcontractor Costs Subtotal:	\$0.00
Vendor	40' of 30" RCP Pipe	\$1,018.64
	5' Sediment Basin Manhole @ established 5' manhole price	\$2,000.00
	Type III Rip Rap @ \$18/TN	\$216.00
	#57 Pipe Bedding @ 5.19 TN @ \$14.25/TN	\$73.89
	Material Costs Subtotal:	\$3,308.53

Description	As Required	Subtotal
Small Tools and Supplies (5% of Labor)		\$139.12
Travel and Subsistence Expenses		\$436.25
Miscellaneous Costs Subtotal		\$575.37

Labor Costs Subtotal	\$2,782.00
Equipment Costs Subtotal	\$4,147.00
Material Costs Subtotal	\$3,309.00
Subcontractor Costs Subtotal	\$0.00
Miscellaneous Costs Subtotal	\$575.00
Subtotal	\$10,813.00
Contractor's Fee (15% of Labor, Equip, Material, Subs)	\$1,621.95
Total	\$12,434.95

Contract Extension (days) resulting from extra work performed 0



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Approve Cost Sharing Concept with ADP**

Department:	Utilities
Caption:	Approve concept of a Cost Sharing Agreement between Automatic Data Processing (ADP) and AUD to share 50% of the construction cost for a sewer line to serve ADP and surrounding properties on Interstate Parkway.
Background:	In Winter 2008, ADP announced plans to expand business operations in Augusta. At the time, Augusta Utilities Department (AUD) met with ADP and determined that a sanitary sewer was in place that would allow service to their site. Subsequently, ADP and AUD determined that the sewer would have to be extended to reach ADP's property. Therefore, ADP and AUD met and determined that based on their design, the sewer would have to be extended approximately 750 feet to ADP's property. AUD and ADP determined that a 50% cost-share was appropriate based on previous cost-sharing agreements and number of property owners involved. ADP will receive sealed bids for the work.
Analysis:	This agreement is a for a 50% cost-share of fees to extend the sewer along Interstate Parkway to ADP's site. The preconstruction estimate is approximately \$125,000.00.
Financial Impact:	Approximately \$62,500.00
Alternatives:	None Given.
Recommendation:	We recommend approving the Concept of a Cost Sharing Agreement between Automatic Data Processing (ADP) and AUD to share 50% of the construction cost for a sewer line to serve ADP and surrounding properties on Interstate Parkway.

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

None at Present Time

REVIEWED AND APPROVED BY:

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



Engineering Services Committee Meeting

5/12/2008 11:35 AM

Approve final deductive change order to Upper Butler Creek Sanitary Sewer Extension

Department:	Utilities
Caption:	Approve final Deductive Change Order for Eagle Utility Contracting in the amount of (\$43,782.60) for the Upper Butler Creek Sanitary Sewer, Project #50128.
Background:	Eagle Utility Contracting was awarded a contract to extend the sanitary sewer for the Upper Butler Basin in March 06. The project included the installation of approximately 14,000 L.F. of sanitary sewer and associated components. Eagle Utility Contracting has met all contract requirements by successfully installing, testing and performing surface restoration associated with this project.
Analysis:	Revise contract/project to state the final quantities and final contract amount have been adjusted to match the final installed quantities and amount.
Financial Impact:	Deductive amount of (\$43,782.60) to the 2002 Bond Issue, under account number 507-04-3420-54-25210/80250128-54-25210.
Alternatives:	None
Recommendation:	Recommend approving the final deductive change order for Eagle Utility Contracting, as a deduction of (\$43,782.60) in association with the Upper Butler Creek Sanitary Sewer, Project #50128.

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

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Administrator.

Clerk of Commission

Item	Description	Qty	Unit	Unit Price	Scheduled Value	Final Qty.	Final Value	Difference (Change)
SANITARY SEWER								
S-5C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 12' to 14', including Type II (No. 67 stone) bedding material	1612	LF	\$44.00	\$70,928.00	3,478.00	\$153,032.00	-\$82,104.00
S-6C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 14' to 16', including Type II (No. 67 stone) bedding material	800	LF	\$46.00	\$36,800.00	445.00	\$20,470.00	\$16,330.00
S-7C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 16' to 18', including Type II (No. 67 stone) bedding material	1297	LF	\$48.00	\$62,256.00	345.00	\$16,560.00	\$45,696.00
S-8C	12" diameter PVC sanitary sewer pipe SDR 26, Depth 18' to 20', including Type II (No. 67 stone) bedding material	350	LF	\$56.00	\$19,600.00	400.00	\$22,400.00	-\$2,800.00
	12" diameter PVC sanitary sewer pipe SDR 26, Depth 20' to 22', including Type II (No. 67 stone) bedding material	684	LF	\$60.00	\$41,040.00	150.00	\$9,000.00	\$32,040.00
S-16C	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 18' to 20', including Type II (No. 67 stone) bedding material	243	LF	\$75.00	\$18,225.00	300.00	\$22,500.00	-\$4,275.00
S-20A	Pre-cast sanitary manhole, GA DOT STD 1011A, Type 1, Depth 0' to 6' (48" Diameter)	15	EA	\$1,750.00	\$26,250.00	16.00	\$28,000.00	-\$1,750.00
S-21A	Additional sanitary manhole depth, Type 1, Depth Class 1 (48" Dia.)	2	VF	\$175.00	\$350.00	-	\$0.00	\$350.00
S-22A	Additional sanitary manhole depth, Type 1, Depth Class 2 (48" Dia.)	115	VF	\$175.00	\$20,125.00	144.60	\$25,305.00	-\$5,180.00
S-22G	Additional sanitary manhole depth, Type 1, Depth Class 3 (48" Dia.)	15	VF	\$175.00	\$2,625.00		\$0.00	\$0.00
		2900	LF	\$16.45	\$47,705.00	2,900.00	\$47,705.00	\$0.00
		1	EA	\$1,850.00	1850	1.00	1850	0
		1	EA	\$2,200.00	\$2,200.00			\$0.00
		1	EA	\$12,500.00	\$12,500.00	1.00	\$12,500.00	\$0.00
	Install Tracom metering manhole	1	EA	\$6,550.00	\$6,550.00	1.00	\$6,550.00	\$0.00
S-33	Tie new sanitary sewer to existing manholes, diameter varies	1	EA	\$5,500.00	\$5,500.00	2.00	\$11,000.00	-\$5,500.00
					\$374,504.00		\$376,872.00	-\$2,368.00
								-\$9,561.00
MISCELLANEOUS								
M-9	Class A Concrete	10	CY	\$75.00	\$750.00	-	\$0.00	\$750.00
M-2	Rock excavation	100	CY	\$25.00	\$2,500.00	-	\$0.00	\$2,500.00
M-3	Foundation backfill, GA DOT Type II, for additional unclassified excavation	1000	CY	\$3.50	\$3,500.00	578.00	\$2,023.00	\$1,477.00
M-4	Clearing and Grubbing	6.9	ACRE	\$6,000.00	\$41,400.00	6.90	\$41,400.00	\$0.00
					\$48,150.00		\$43,423.00	\$4,727.00
LUMP SUM								
LS-1	Lump sum construction (includes but is not limited to the listing continued below)	1	LS	\$62,500.00	\$62,500.00	1.00	\$62,500.00	\$0.00
					\$485,154.00			

Item	Description	Qty	Unit	Unit Price	Scheduled Value	Final Qty.	Final Value	Difference (Change)
SANITARY SEWER								
S-1C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 0' to 6', including Type II (No. 67 stone) bedding material	130	LF	\$39.54	\$5,140.20	765.00	\$30,248.10	-\$25,107.90
S-1G	24" diameter PVC sanitary sewer pipe SDR 26, Depth 0' to 6', including Type II (No. 67 stone) bedding material	370	LF	\$79.00	\$29,230.00	261.00	\$20,619.00	\$8,611.00
S-2C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 6' to 8', including Type II (No. 67 stone) bedding material	1470	LF	\$39.00	\$57,330.00	1,435.00	\$55,965.00	\$55,895.00
S-2E	18" diameter PVC sanitary sewer pipe SDR 26, Depth 6' to 8', including Type II (No. 67 stone) bedding material	440	LF	\$62.50	\$27,500.00	761.00	\$47,562.50	-\$20,062.50
S-2G	24" diameter PVC sanitary sewer pipe SDR 26, Depth 6' to 8', including Type II (No. 67 stone) bedding material	240	LF	\$81.00	\$19,440.00	821.00	\$66,501.00	-\$47,061.00
S-3C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 8' to 10', including Type II (No. 67 stone) bedding material	1900	LF	\$41.75	\$79,325.00	1,342.00	\$56,028.50	\$23,296.50
S-3E	18" diameter PVC sanitary sewer pipe SDR 26, Depth 8' to 10', including Type II (No. 67 stone) bedding material	2010	LF	\$62.50	\$125,625.00	1,839.00	\$114,937.50	\$10,687.50
S-3G	24" diameter PVC sanitary sewer pipe SDR 26, Depth 8' to 10', including Type II (No. 67 stone) bedding material	1759	LF	\$81.00	\$142,479.00	1,491.00	\$120,771.00	\$21,708.00
S-4C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 10' to 12', including Type II (No. 67 stone) bedding material	570	LF	\$44.00	\$25,080.00	620.00	\$27,280.00	-\$2,200.00
S-4E	18" diameter PVC sanitary sewer pipe SDR 26, Depth 10' to 12', including Type II (No. 67 stone) bedding material	550	LF	\$66.50	\$36,575.00	422.00	\$28,063.00	\$8,512.00
S-4G	24" diameter PVC sanitary sewer pipe SDR 26, Depth 10' to 12', including Type II (No. 67 stone) bedding material	838	LF	\$88.00	\$73,744.00	609.00	\$53,592.00	\$20,152.00
S-5C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 12' to 14', including Type II (No. 67 stone) bedding material	360	LF	\$44.00	\$15,840.00	240.00	\$10,560.00	\$5,280.00
S-5E	18" diameter PVC sanitary sewer pipe SDR 26, Depth 12' to 14', including Type II (No. 67 stone) bedding material	60	LF	\$66.50	\$3,990.00	40.00	\$2,660.00	\$1,330.00
S-5G	24" diameter PVC sanitary sewer pipe SDR 26, Depth 12' to 14', including Type II (No. 67 stone) bedding material	377	LF	\$88.00	\$33,176.00	442.00	\$38,896.00	-\$5,720.00
S-6C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 14' to 16', including Type II (No. 67 stone) bedding material	310	LF	\$46.00	\$14,260.00	375.00	\$17,250.00	-\$2,990.00
S-6G	24" diameter PVC sanitary sewer pipe SDR 26, Depth 14' to 16', including Type II (No. 67 stone) bedding material	270	LF	\$90.00	\$24,300.00	119.00	\$10,710.00	\$13,590.00
S-7C	12" diameter PVC sanitary sewer pipe SDR 35, Depth 16' to 18', including Type II (No. 67 stone) bedding material	130	LF	\$48.00	\$6,240.00	100.00	\$4,800.00	\$1,440.00
S-7G	24" diameter PVC sanitary sewer pipe SDR 26, Depth 16' to 18', including Type II (No. 67 stone) bedding material	60	LF	\$92.00	\$5,520.00	60.00	\$5,520.00	\$0.00
S-8G	24" diameter PVC sanitary sewer pipe SDR 26, Depth 18' to 20', including Type II (No. 67 stone) bedding material	20	LF	\$97.00	\$1,940.00	200.00	\$19,400.00	-\$17,460.00
S-9F	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 0' to 6', including Type II (No. 67 stone) bedding material	30	LF	\$84.00	\$2,520.00	-	\$0.00	\$0.00
S-9H	24" diameter ductile iron sanitary sewer pipe Class XXX, Depth 0' to 6', including Type II (No. 67 stone) bedding material	475	LF	\$107.00	\$50,825.00	460.00	\$49,220.00	\$1,605.00
S-10H	24" diameter ductile iron sanitary sewer pipe Class XXX, Depth 6' to 8', including Type II (No. 67 stone) bedding material	60	LF	\$107.00	\$6,420.00	50.00	\$5,350.00	\$1,070.00
S-11F	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 8' to 10', including Type II (No. 67 stone) bedding material	426	LF	\$86.00	\$36,636.00	408.00	\$35,088.00	\$1,548.00
S-11H	24" diameter ductile iron sanitary sewer pipe Class XXX, Depth 8' to 10', including Type II (No. 67 stone) bedding material	282	LF	\$109.00	\$30,738.00	333.00	\$36,297.00	-\$5,559.00
S-12F	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 10' to 12', including Type II (No. 67 stone) bedding material	130	LF	\$88.00	\$11,440.00	137.00	\$12,056.00	-\$616.00
S-12H	24" diameter ductile iron sanitary sewer pipe Class XXX, Depth 10' to 12', including Type II (No. 67 stone) bedding material	153	LF	\$112.00	\$17,136.00	130.00	\$14,560.00	\$2,576.00
S-13F	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 12' to 14', including Type II (No. 67 stone) bedding material	170	LF	\$90.00	\$15,300.00	170.00	\$15,300.00	\$0.00
S-13H	24" diameter ductile iron sanitary sewer pipe Class XXX, Depth 12' to 14', including Type II (No. 67 stone) bedding material	93	LF	\$114.00	\$10,602.00	90.00	\$10,260.00	\$342.00
S-14F	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 14' to 16', including Type II (No. 67 stone) bedding material	30	LF	\$95.00	\$2,850.00	50.00	\$4,750.00	-\$1,900.00
S-14H	24" diameter ductile iron sanitary sewer pipe Class XXX, Depth 14' to 16', including Type II (No. 67 stone) bedding material	10	LF	\$121.50	\$1,215.00	-	\$0.00	\$0.00
S-15F	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 16' to 18', including Type II (No. 67 stone) bedding material	30	LF	\$97.00	\$2,910.00		\$0.00	\$0.00
S-15H	24" diameter ductile iron sanitary sewer pipe Class XXX, Depth 16' to 18', including Type II (No. 67 stone) bedding material	10	LF	\$126.00	\$1,260.00	20.00	\$2,520.00	-\$1,260.00

S-16F	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 18' to 20', including Type II (No. 67 stone) bedding material	70	LF	\$96.00	\$6,720.00	70.00	\$6,720.00	\$0.00
S-16F (MOD)	18" diameter ductile iron sanitary sewer pipe Class XXX, Depth 20' plus, including Type II (No. 67 stone) bedding material	150	LF	\$101.00	\$15,150.00	151.00	\$15,251.00	-\$101.00
S-16H (Mod)	20" diameter ductile iron sanitary sewer pipe Class XXX, Depth 20' plus, including Type II (No. 67 stone) bedding material	420	LF	\$147.00	\$61,740.00	412.00	\$60,564.00	\$1,176.00
S-16H	24" diameter ductile iron sanitary sewer pipe Class XXX, Depth 18' to 20', including Type II (No. 67 stone) bedding material	10	LF	\$136.00	\$1,360.00	18.00	\$2,448.00	-\$1,088.00
S-18	Select backfill, GA DOT Type I, Class I & II (Sand/Clay) – Measured by in-place volume.	12000	CY	\$3.50	\$42,000.00	12,100.00	\$42,350.00	-\$350.00
S-20A	Pre-cast sanitary manhole, GA DOT STD 1011A, Type 1, Depth 0' to 6' (48" Diameter)	48	EA	\$1,750.00	\$84,000.00	48.00	\$84,000.00	\$0.00
S-21A	Additional sanitary manhole depth, Type 1, Depth Class 1 (48" Dia.)	26	VF	\$175.00	\$4,550.00	5.00	\$875.00	\$3,675.00
S-22A	Additional sanitary manhole depth, Type 1, Depth Class 2 (48" Dia.)	390	VF	\$175.00	\$68,250.00	322.60	\$56,455.00	\$11,795.00
S-22G	Additional sanitary manhole depth, Type 1, Depth Class3 (48" Dia.)	20	VF	\$175.00	\$3,500.00		\$0.00	\$0.00
S-33	Tie new sanitary sewer to existing manholes, diameter varies	1	EA	\$5,500.00	\$5,500.00	1.00	\$5,500.00	\$0.00
					\$1,209,356.20		\$1,190,927.60	\$18,428.60
MISCELLANEOUS								\$81,242.20
M-7	Arsl Creek Crossing	1	EA	\$28,000.00	\$28,000.00	1.00	\$28,000.00	\$0.00
M-9	Class A Concrete	300	CY	\$75.00	\$22,500.00	12.00	\$900.00	\$21,600.00
M-2	Rock excavation	150	CY	\$25.00	\$3,750.00	381.00	\$9,525.00	-\$5,775.00
M-3	Foundation backfill, GA DOT Type II, for additional unclassified excavation	4000	CY	\$3.50	\$14,000.00	3,900.00		\$350.00
							\$13,650.00	
M-4	Clearing and Grubbing	13.3	ACRE	\$6,000.00	\$79,800.00	13.30	\$79,800.00	\$0.00
M-6	Anchor Collars for crossing	4	EA	\$1,850.00	\$7,400.00	4.00	\$7,400.00	\$0.00
					\$155,450.00		\$139,275.00	\$16,175.00
LUMP SUM								
LS-1	Lump sum construction (includes but is not limited to the listing continued below)	1	LS	\$135,000.00	\$135,000.00	1.00	\$135,000.00	\$0.00
					\$1,499,806.20		\$1,465,202.60	
C.O. #1	Soil Removal	1	EA	16429			\$9,609.00	\$6,820.00



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Atlanta Gas Light Easement Option and Deed for AUD Project 10158**

Department: Augusta Utilities Department

Caption: Motion to approve and accept the AGL Option and Deed for an easement on AUD Project 10158.

Background: The construction of AUD Project 10158, the Doug Barnard Parkway Water Main, requires acquisition of an easement from AGL.

Analysis: AGL owns the property in question and has agreed to sell AUD an easement for the appraised value.

Financial Impact: \$512.00

Alternatives:

Recommendation: Approve motion to approve and accept the AGL Option and Deed for an easement on AUD Project 10158.

Funds are Available in the Following Accounts: G/L 510043410-5411120 J/L 80210158-5411120

REVIEWED AND APPROVED BY:

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

**AUGUSTA, GEORGIA
OPTION FOR EASEMENT**

PROJECT: 10158 – Doug Barnard Water Main
Augusta Utilities Department

PARCEL IDENTIFICATION NUMBER: 111-0-021-02-0 **ADDRESS:** 1605 Doug Barnard Pkwy.

THIS INDENTURE made and entered into this ____ day of _____, 2007, between **Atlanta Gas Light Company**, hereinafter referred to as AGL, and **Augusta, Georgia**, a political subdivision under the laws of Georgia, hereinafter referred to as AUGUSTA;

WITNESSETH, that AGL, for and in consideration of ONE DOLLAR (\$1.00), the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by said Southern from the Project mentioned herein, Southern agrees to be bound, and to bind their representatives, assigns and heirs as follows:

If Augusta shall, within one hundred and twenty (120) days from the date first written above, pay the sum of **\$512.00** to AGL, AGL agrees to execute and deliver to Augusta easements to the hereinafter described parcel of land.

Permanent utility, access and maintenance easement as follows:

To FIND the point of beginning, commence at the intersection of the western right-of-way of Doug Barnard Parkway and the southeastern most right-of-way of Lumpkin Road; thence turning and traveling S 26°-46'-24" E for a distance of 6.89 feet to a point; thence turning and traveling S 55°-40'-15" W for a distance of 2.57 feet to the **Point Of Beginning**; thence turning and traveling S 25°-48'-03" E for a distance of 109.56 feet to a point; thence turning and traveling along a curve having an arc length of 110.82 feet, radius of 4,032.88 feet, chord bearing S 26°-02'-41" E and a chord length of 110.83 feet to a point; thence turning and traveling S 03°-49'-53" E for a distance of 39.06 feet to a point; thence turning and traveling S 29°-32'-22" E for a distance of 18.17 feet to a point; thence turning and traveling S 55°-44'-56" W for a distance of 15.05 feet to a point; thence turning and traveling N 29°-32'-22" W for a distance of 22.83 feet to a point; thence turning and traveling N 03°-49'-53" W for a distance of 38.31 feet to a point; thence turning and traveling N 25°-48'-03" W for a distance of 215.76 feet to a point; thence turning and traveling N 69°-19'-53" W for a distance of 0.77 feet to a point; thence turning and traveling N 55°-40'-15" E for a distance of 15.70 feet back to the Point of Beginning and said permanent utility, access and maintenance easement contains 4,189 square feet (0.10 Ac.) as substantially shown on a plat prepared for the Augusta-Richmond County Commission Augusta, Georgia, prepared by W.R. Toole Engineers, Inc., dated April 10, 2006, revised November 17, 2006, which is attached hereto and incorporated herewith. Said easement being for the purpose of laying, relaying, installing, adding, expanding, extending, operating, repairing and maintaining pipelines transporting and carrying utility services.

AGL will also grant unto Augusta a temporary easement consisting of 4,818 Square Feet, as shown on said plat. Said easement is granted together with the right to dig such trenches in said parcel of land 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 parcel of land. Said temporary easement shall expire at the completion and final acceptance of the pipelines by Augusta.

And no agreement that would adversely affect these rights has been, or will be, made within the option period.

STIPULATIONS:

1. Augusta shall give AGL at least seventy-two (72) hours' advance notice before entry upon the property for this project and all future maintenance by contacting Harold D. Saunders, whose telephone number is 404-584-4703.

2. AGL shall give Augusta at least seventy-two (72) hours' advance notice before entry upon the property to work on its pipelines, or other facilities, near Augusta's pipelines, by calling 800-482-7411.

3. Augusta will not permanently remove any cover from AGL's pipelines.

4. Augusta's pipeline is to cross AGL's pipelines as near to ninety (90) degrees as practical. In the event that AGL's gas pipeline(s) is moved, or replaced, said pipeline(s) will be moved, or replaced, in such a manner so as to cross Augusta's pipeline as near to ninety (90) degrees as practical.

5. If boring under AGL's gas pipelines is necessary, said gas pipelines must be exposed by hand and a representative of AGL's local district office must be present prior to the commencement of the bore operation.

6. If boring under Augusta's pipelines is necessary, said pipelines must be exposed by hand and a representative of the Augusta Utilities Department must be present prior to the commencement of the bore operation.

7. Both parties agree that, whether Augusta's pipelines cross under or over AGL's gas pipelines, a 24-inch separation shall be maintained between Augusta's pipelines and AGL's pipelines.

8. Both parties agree that neither party shall install, or move, their respective pipelines so that the joints of any of the pipelines come within a five (5) foot radius of another pipeline.

IN WITNESS WHEREOF, AGL has set its hand and seal, the day and year first above written.

Signed, Sealed and Delivered in the presence of:

Carolyn Pointer
WITNESS

Deane Sander
NOTARY PUBLIC

My Commission Expires: 12-10-2008

WITNESS

Notary Public,

My Commission Expires: _____

ATLANTA GAS LIGHT COMPANY

Attachment number 1
Page 2 of 6

By: [Signature]

As Its: President

Attest: _____

As Its: _____

AUGUSTA, GEORGIA

By: _____

Attest: _____

As Its: _____

**AUGUSTA, GEORGIA
EASEMENT DEED**

Attachment number 1
Page 3 of 6

PARCEL IDENTIFICATION NUMBER: 111-0-021-02-0 **ADDRESS:** 1605 Doug Barnard Pkwy

THIS INDENTURE made and entered into this 7th day of March 2008, between **Atlanta Gas Light Company**, hereinafter referred to as AGL, and **Augusta, Georgia**, a political subdivision under the laws of Georgia, hereinafter referred to as AUGUSTA;

WITNESSETH, that AGL, for and in consideration of the sum of ONE DOLLAR (\$1.00) in hand and truly paid by Augusta at and before the sealing and delivery of these presents, and other valuable consideration, the receipt whereof is hereby acknowledged, has granted, bargained, sold, conveyed and confirmed, and by these presents does grant, bargain, sell, convey and confirm unto Augusta, its successors and assigns, an exclusive utility, maintenance and access easement in perpetuity under, across and through the hereinafter described parcel of land.

To FIND the point of beginning, commence at the intersection of the western right-of-way of Doug Barnard Parkway and the southeastern most right-of-way of Lumpkin Road; thence turning and traveling S 26°-46'-24" E for a distance of 6.89 feet to a point; thence turning and traveling S 55°-40'-15" W for a distance of 2.57 feet to the **Point Of Beginning**; thence turning and traveling S 25°-48'-03" E for a distance of 109.56 feet to a point; thence turning and traveling along a curve having an arc length of 110.82 feet, radius of 4,032.88 feet, chord bearing S 26°-02'-41" E and a chord length of 110.83 feet to a point; thence turning and traveling S 03°-49'-53" E for a distance of 39.06 feet to a point; thence turning and traveling S 29°-32'-22" E for a distance of 18.17 feet to a point; thence turning and traveling S 55°-44'-56" W for a distance of 15.05 feet to a point; thence turning and traveling N 29°-32'-22" W for a distance of 22.83 feet to a point; thence turning and traveling N 03°-49'-53" W for a distance of 38.31 feet to a point; thence turning and traveling N 25°-48'-03" W for a distance of 215.76 feet to a point; thence turning and traveling N 69°-19'-53" W for a distance of 0.77 feet to a point; thence turning and traveling N 55°-40'-15" E for a distance of 15.70 feet back to the Point of Beginning and said permanent utility, maintenance and access easement contains 4,189 square feet (0.10 Ac.) as substantially shown on a plat prepared for the Augusta-Richmond County Commission Augusta, Georgia, prepared by W.R. Toole Engineers, Inc., dated April 10, 2006, revised November 17, 2006, which is attached hereto and incorporated herewith. Said easement being for the purpose of laying, relaying, installing, adding, expanding, extending, operating, repairing and maintaining pipelines transporting and carrying utility services.

AGL does also grant unto Augusta a temporary easement consisting of 4,818 Square Feet, as shown on said plat. Said easement is granted together with the right to dig such trenches in said parcel of land 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 parcel of land. Said temporary easement shall expire at the completion and final acceptance of the pipelines by Augusta.

AGL does also grant, bargain, sell and convey unto Augusta, its successors and assigns, the right, but not the duty to clear, and keep clear, all trees, undergrowth and other obstructions ^{Attachment number 1} ~~Page 4 said~~ permanent easement, along with the free right of ingress and egress to and from said permanent easement for this purpose and all other purposes set forth herein.

AGL does agree that no other utility may be constructed within the aforesaid easement in perpetuity except by written permission of the Augusta Utilities Department.

AGL, its successors, heirs, assigns and legal representatives, after the completion of this Project, shall have the right to use said parcel of land in any manner not inconsistent or interfering with the rights herein granted, excluding, however, the right to plant thereon any trees or other vegetation that may interfere with the laying, relaying, installing, extending, operating, repairing and maintaining of pipelines transporting and carrying utility services and the right to erect, construct or maintain thereon any buildings, structures, or other permanent improvements.

TO HAVE AND TO HOLD the aforesaid rights, ways, easements, privileges and appurtenances unto Augusta, its successors and assigns, in perpetuity.

PROVIDED, however, that this conveyance is made by AGL upon the following conditions:

1. Augusta shall give AGL at least seventy-two (72) hours' advance notice before entry upon the property for this project and all future maintenance by contacting Harold D. Saunders whose telephone number is 404-584-4703.
2. AGL shall give Augusta at least seventy-two (72) hours' advance notice before entry upon the property to work on its pipelines, or other facilities, near Augusta's pipelines, by calling 800-482-7411.
3. Augusta will not permanently remove any cover from AGL's pipelines.
4. Augusta's pipeline is to cross AGL's pipelines as near to ninety (90) degrees as practical. In the event that AGL's gas pipeline(s) is moved, or replaced, said pipeline(s) will be moved, or replaced, in such a manner so as to cross Augusta's pipeline as near to ninety (90) degrees as practical.
5. If boring under AGL's gas pipelines is necessary, said gas pipelines must be exposed by hand and a representative of AGL's local district office must be present prior to the commencement of the bore operation.
6. If boring under Augusta's pipelines is necessary, said pipelines must be exposed by hand and a representative of the Augusta Utilities Department must be present prior to the commencement of the bore operation.

7. Both parties agree that, whether Augusta's pipelines cross under or over AGL's gas pipelines, a 24-inch separation shall be maintained between Augusta's pipelines and AGL's pipelines. Attachment number 1
Page 5 of 6

8. Both parties agree that neither party shall install, or move, their respective pipelines so that the joints of any of the pipelines come within a five (5) foot radius of another pipeline.

IN WITNESS WHEREOF, AGL has set its hand and seal, the day and year first above written.

Signed, Sealed and Delivered in the presence of:

Carolyn Pointer

WITNESS

Walter J. Jumper

NOTARY PUBLIC

My Commission Expires: 12-10-2008

WITNESS

NOTARY PUBLIC

My Commission Expires: _____

ATLANTA GAS LIGHT COMPANY

By: [Signature]

As Its: President

Attest: _____

As Its: _____

AUGUSTA, GEORGIA

By: _____

Attest: _____

As Its: _____



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Atlanta Gas Light Encroachment Agreement for AUD Project 60107**

Department: Augusta Utilities Department

Caption: Motion to approve and accept the Atlanta Gas Light Encroachment Agreement for AUD Project 60107.

Background: AUD will be crossing an existing AGL easement, during the construction of AUD Project 60107.

Analysis: An encroachment agreement is needed, between AGL and AUD, defining the rights and obligations of each party.

Financial Impact: None

Alternatives:

Recommendation: Approve the motion to approve and accept the Atlanta Gas Light Encroachment Agreement for AUD Project 60107.

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

REVIEWED AND APPROVED BY:

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

ENCROACHMENT AGREEMENT

Atlanta Gas Light Company, hereinafter called Grantor, hereby consents for **THE CITY of AUGUSTA, GEORGIA**, a political subdivision of the State of Georgia, hereinafter called Grantee, to use an area within Grantor's right of way (10" B. F Goodrich Line) described as being forty (40') feet in width and extending in part through G.M. District 123, Richmond County, Georgia, as shown on Exhibit "A", a copy of said Exhibit being attached hereto and made a part hereof.

The use of the area by Grantee of Grantor's right of way, pursuant to this consent shall be limited to the construction, installation, and maintenance of one (1) 42" inch DIP sanitary sewer for the Butler Creek Interceptor upgrade. Said sanitary sewer main shall maintain a minimum of two feet (2') separation from the above said gas main. It is specifically understood that no buildings or any other obstructions of any type will be permitted on the subject right of way.

The plans and specifications as submitted by Grantee meet Grantor's approval provided Grantee conforms to the following terms and conditions:

1. Grantee agrees to obtain all necessary rights from the owners of the lands crossed by Grantor's right of way in the event Grantor does not own said lands and rights.
2. Grantee agrees to use said area within Grantor's right of way in such a manner as will not interfere with Grantor's facilities installed thereon. Grantee shall install said encroachment in compliance with the minimum cover and or clearance specifications required by Grantor's Inspector.
3. Grantee agrees that the use of Grantor's right of way as herein provided shall in no way affect the validity of Grantor's easements and shall in no way modify or restrict the use or rights of Grantor, its successors or assigns, in and to the area to be used. Grantee acknowledges Grantor's right and title to said easements and the priority of Grantor's right of use and hereby agrees not to resist or assail said priority.
4. The use of said area within said right of way by Grantee shall be at the sole risk and expense of Grantee, and Grantor is specifically relieved of any responsibility for damage to the encroaching facilities resulting or occurring from the use of said right of way by Grantor. Grantee covenants not to sue Grantor in that instance.
5. Grantee hereby agrees and covenants not to use and will prohibit agents, employees and contractors of Grantee from using on said right of way any tools, equipment or machinery in such a manner as will do damage to Grantor's facilities.
6. Notwithstanding anything contained herein, the Grantee agrees to reimburse Grantor for all cost and expense for any damage to Grantor's facilities resulting from the use by Grantee of said area within said right of way. Also, Grantee agrees that if in the opinion of Grantor, it becomes necessary, as a result of the exercise of the permission herein granted, to relocate, rearrange, change, raise or lower any of Grantor's facilities, to promptly reimburse Grantor for all cost and expense involved in such relocation, rearrangement, change, raising or lowering, of said facilities.

7. Grantee shall restore all areas affected by the construction within said area to as near as possible to the conditions and original lay of the land prior to said activities.
8. Grantee agrees to notify, or have its contractor notify, Jack Hewitt at 678-409-3313 or Grantor's Right of Way Department at 404-584-4703, whose offices are located at 10 Peachtree Place N. E., Atlanta Georgia 30309. A minimum of two days (2) is required for the area Right of Way Inspector to schedule any construction on Grantor's right of way.
9. "To the extent allowable by Law", Grantee hereby agrees to defend, indemnify, and hold harmless the Grantor from the payment of any sum of money to any person whomsoever on account of claims or suits growing out of injuries to persons (including death) or damage to property (including damage to property of Grantor) attributable to or arising out of the use of said rights of way by Grantee, its agents, employees, contractors or any combination of these including but without limitation all liens, garnishments, attachments, claims, suits, judgments, costs, attorney's fees, cost of investigation and of defense. Provided, however, that the Grantee shall not be responsible to defend, indemnify or hold harmless the Grantor for losses or damages caused by or resulting from the sole negligence of the Grantor, its agents or employees. Grantor shall have the right, but not the obligation, to defend any suit against Grantor for which Grantee is obligated to indemnify Grantor. Grantee hereby agrees to cooperate with such defense. Upon Grantor's request, Grantee shall attend hearings and trials and shall assist in effecting settlements, securing and giving evidence, obtaining the attendance of witnesses and in the conduct of any such suit.

[Signatures on the following Page]

ATLANTA GAS LIGHT COMPANY

By: _____
Harold D. Saunders
Sr. Right of Way Agent

Date: _____

Grantee hereby accepts the foregoing consent subject to the terms and conditions set forth above and in the event Grantee fails to perform as herein provided or fails to fully execute this document by **March 28, 2008**, this agreement shall become void and no use of Grantor's right of way as herein provided for shall be made.

The CITY of AUGUSTA, GEORGIA
a political subdivision of the State of Georgia

By: _____

Title: _____

Date: _____

T.C.E. TO BE ACQUIRED
 PERM. U.S. EASEMENT TO BE ACQUIRED
 EXISTING EASEMENT

NOTE: THIS EASEMENT MAP MAY NOT SHOW ALL
 EASEMENTS.

NOTE: THIS EASEMENT MAP MAY NOT SHOW ALL EASEMENTS THAT ENCUMBER THIS PROPERTY.

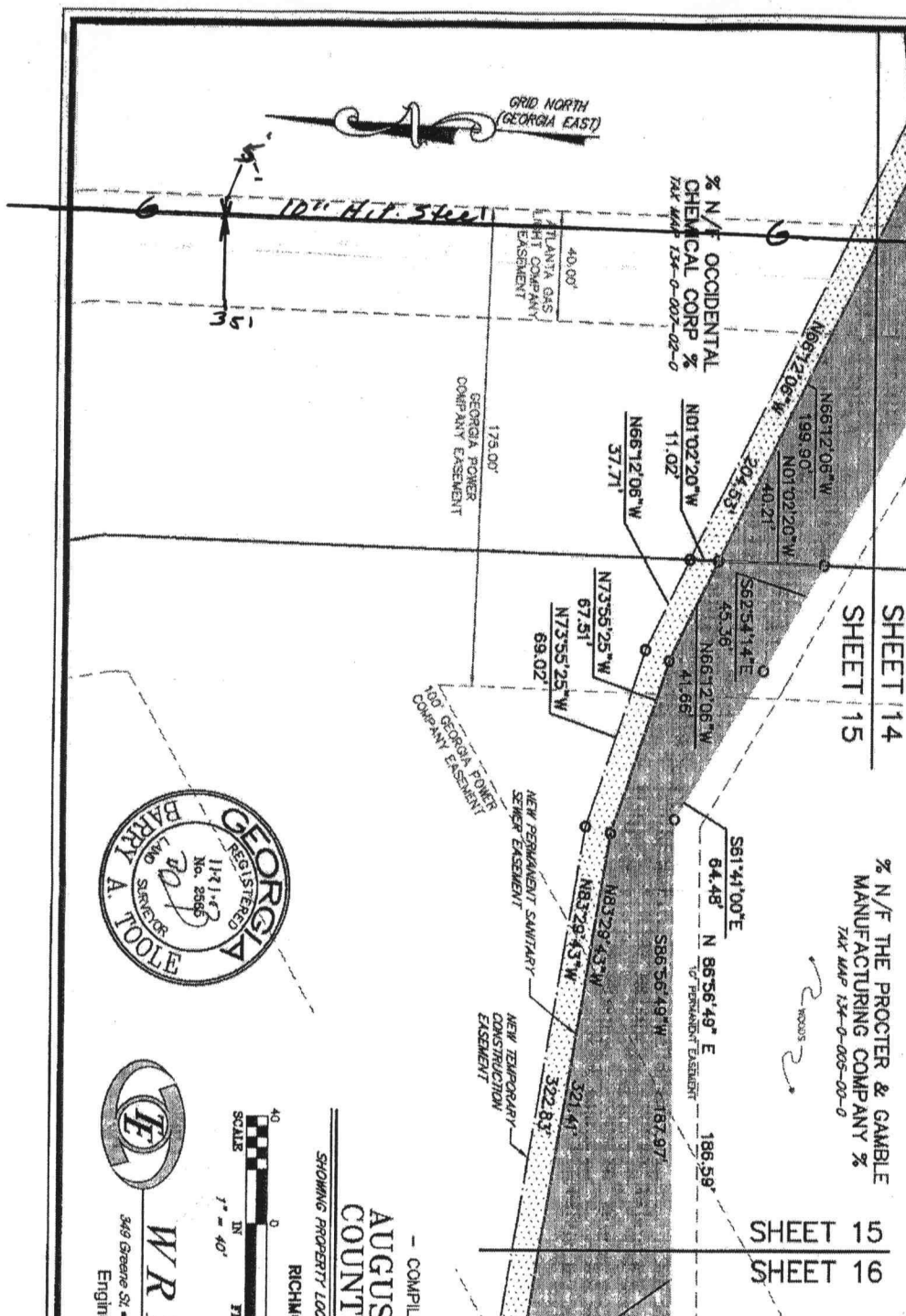


EXHIBIT "A"

Richmond County
G.M. District 123
Denotes A/G 40' Esmt.
Denotes Encroachment

- COMPILED EASEMENT MAP FOR -

**AUGUSTA-RICHMOND
COUNTY COMMISSION**

SHOWING PROPERTY LOCATED IN 85th C.M.D., IN AUGUSTA, GEORGIA.

RICHMOND COUNTY, GEORGIA

DATE _____

AUGUST 22, 2007

- PREPARED BY -

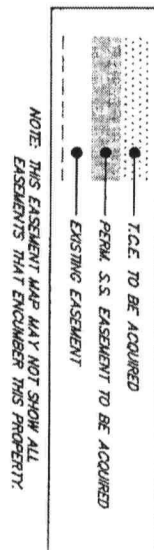
W R Toole Engineers, Inc.

Engineers • Consultants • Planners
Augusta, Ga. 30901 • 706.722.4114 • www.wrtiade.com

JOE JOSEPH SMITH, D.D.

SHEET #15

PROPERTIES INFORMATION:			
OWNER	TAX MAP	PARCEL	T.C.E. TO BE ACQUIRED
OCCIDENTAL CHEMICAL CORP.	134	7-2	8,594 SQ. FT., 0.19 ACRES
ATLANTA GAS LIGHT COMPANY	N/A	N/A	441 SQ. FT., 0.01 ACRES
GEORGIA POWER COMPANY	N/A	N/A	1,910 SQ. FT., 0.04 ACRES
			15,275 SQ. FT., 0.35 ACRES



SHEET 13
SHEET 14



% N/F OCCIDENTAL
CHEMICAL CORP %
TAX MAP 134-0-001-02-0



W R Toole Engineers, Inc.
348 Greene St. • Augusta, Ga. 30901 • 706.722.4114 • www.wrtoole.com
Engineers • Consultants • Planners



— PREPARED BY —

DATE
AUGUST 22, 2007

— COMPILED EASEMENT MAP FOR —
**AUGUSTA-RICHMOND
COUNTY COMMISSION**
SHOWING PROPERTY LOCATED IN 65th G.M.D., IN AUGUSTA, GEORGIA.
RICHMOND COUNTY, GEORGIA

SHEET 14
SHEET 15

SHEET #14



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Augusta Canal FERC Licensing Process - SHPO Agreement**

Department: Utilities

Caption: Authorize the Cultural Resources Management services related to the Archeological Site 9R1158 (aka The Pig Pen Site) with R. S. Webb & Associates in the amount of \$90,142.00.

Background: Augusta is in the process on having the Augusta Canal licensed through the Federal Energy Regulatory Commission (FERC). Recently, Augusta entered into an agreement with FERC, Georgia State Historic Preservation Office, and the South Carolina Historic Preservation Office which included principles and procedures of treatment of historic properties. The Augusta Canal is listed on the National Registrar as a Historic Landmark District. The Augusta Canal FERC License 11810 project area is within the Historic Landmark District and the recent agreements with SHPO included principles and procedures for treatment of historic properties. One of these archeologically significant sites is partially located within the Augusta Canal Historic Landmark District. Archeological Site 9R1158 (aka The Pig Pen Site) is recognized as being an important archeological site that was occupied during prehistoric and historic times.

Analysis: Attached to the agenda item as backup is the agreement between Augusta and R. S. Webb & Associates which includes the scope of the services by task and the costs associated with the work for the archeological recovery of the site.

Financial Impact: Funds for the project requested to come from the 2002 Bond Capital Improvements Program account number: 510043410-5213119/80110250-5213119

Alternatives: No alternatives are recommended.

Recommendation: We recommend the Commission authorize the execution of the agreement between Augusta and R. S. Webb for Cultural Resources Management Services for Archeological Site 9R1158 in the amount of \$90,142.00.

**Funds are
Available in the
Following
Accounts:** 510043410-5213119/80110250-5213119

REVIEWED AND APPROVED BY:

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

R.S. Webb & Associates

Cultural Resource Management Consultants
2800 Holly Springs Parkway, Suite 200 • P.O. Drawer 1319
Holly Springs, Georgia 30142
Phone: 770-345-0706 • Fax: 770-345-0707

February 11, 2008

Mr. Doug Mooneyhan
ENTRIX, Inc.
500 Glenlake Parkway, Suite 600
Atlanta, Georgia 30328

Subject: **Proposal to Conduct Phase III Cultural Resources Management Services
Archeological Site 9RI158 (aka The Pig Pen Site)
Augusta Canal Industrial District
Augusta-Richmond County, Georgia
R.S. Webb & Associates No. 08-198-006p**

Dear Mr. Mooneyhan:

BACKGROUND

R.S. Webb & Associates (RSWA) is pleased to present this proposal to ENTRIX, ZEL Engineers (ZEL), and the City of Augusta-Richmond County (CITY) for Phase III cultural resources management services related to the treatment of Archeological Site 9RI158 (aka The Pig Pen Site). This site is recognized as being an important archeological site that was occupied during prehistoric and historic times. The site is partially located within the Augusta Canal Industrial District in Augusta, Georgia.

A review of ZEL's most recent yard piping plan, indicates that approximately 31,663 square feet (0.73 acre) of Site 9RI158 will be impacted by the excavation of two waterline corridors (approximately 725 linear feet of pipe; two partially overlapping 60-foot wide corridors). Several smaller utility lines will be installed as well, but only small portions of these (approximately 120 linear feet; 6-foot wide corridors) will be outside the larger 60-foot wide corridors. The primary goal of the current project is to document portions of Site 9RI158 (through Phase III excavations) that will be affected by waterline construction. Another goal is to provide the CITY with recommendations for the management and/or preservation of the remaining portions of Site 9RI158.

Based on recent conversations with ZEL, we assume that the proposed Phase III archeological work is a private undertaking on private property. Because of this, RSWA further assumes there is no requirement for Section 106 consultation, and/or consultation with the Georgia Historic Preservation Office, the National Park Service, or the Augusta Canal Authority. If a need for such consultation arises, RSWA will need to re-evaluate the Scope-Of-Services described in this proposal and determine if changes in the scope are required. If changes are necessary, the project budget and schedule may require adjustment.

SCOPE OF SERVICES

Task 1 - Treatment Plan for Site 9RI158

Prior to initiating fieldwork, a treatment plan will be developed for Site 9RI158 and submitted to ENTRIX and ZEL/CITY for review and approval. This plan will provide recommendations on how

the site will be managed before, during, and after excavations. The plan will address tree/debris/surface vegetation removal, delineation of work areas, site security, and preservation of the remainder of the site once excavations are completed.

Task 2 - Archeological Data Recovery Excavations

Site Preparation: It is understood that the CITY or its representatives will remove trees, debris and surface vegetation from the impact area (and perhaps other clearing zones), per the treatment plan. The limits of the impact area will be defined and marked with silt fencing; work areas will be defined and marked within the impact area. If sediment/erosion control measures are required for the overall undertaking, it is assumed that the CITY will provide the appropriate sediment/silt fencing.

A transit-based grid will be set up within the impact area to facilitate the mapping of shovel tests, excavation units, strip blocks, and archeological features, and to prepare a site-specific topographic map (if one is not available). Once the grid is in place, shovel tests will be excavated at 5.0 m (meter) intervals to determine the depths of plowzone/subplowzone deposits and artifact density/diversity within the impact area. Each shovel test will be 50-centimeters (cm) square and be excavated to sterile subsoil. Shovel test soils will be passed through 0.64 cm hardware cloth to enhance the recovery of artifacts. Artifacts will be bagged by individual shovel test location and information on soil color/textures and depths of deposits/artifacts will be recorded. Artifact density/diversity and soil color/texture data will be used to develop artifact density maps and to determine the locations of excavation units and mechanical strip blocks.

Unit Excavations at Site 9RI158: Based on shovel testing data, the equivalent of up to 25 square meters will be excavated in one more areas where midden deposits are present beneath the plowzone. This will be done to collect samples of artifacts and other anthropogenic materials (floral/faunal remains) from prehistoric living zones/surfaces. Each unit excavation will be partitioned into 1.0 by 1.0 m lots, the plowzone removed in bulk, and the midden excavated in 10-cm arbitrary levels unless natural stratigraphy offers finer resolution within a level. Soils from each level will be described and recorded using USDA-SCS soils texture classes and Munsell soil color charts. Matrix soils will be screened through 0.64-cm hardware cloth to enhance artifact recovery. Artifacts will be bagged by provenience. Block profiles will be mapped and photo-documented. Excavation will be terminated when undisturbed clay subsoil/substrate is encountered.

Mechanical Stripping: Depending on what is found during the shovel testing and unit excavations, one or more blocks will mechanically stripped by a backhoe with a smooth bucket. The purpose of stripping is to search for and expose features and patterns of features that document the various occupations at 9RI158. Backhoe stripping will be monitored by the Principal Archeologist or the Field Director. The blocks will be stripped down to midden deposits or to subsoil clay so that midden deposits can be sampled and/or archeological features can be clearly defined. As soon as features are observed they will be shovel-shaved and/or troweled, and marked with numbered pin flags. Features will be treated as described below.

The cost of the backhoe and operator is included in the budget. The exact sizes/configurations of the strip blocks are not known and will be determined by the spatial extent of midden deposits and/or archeological features; however, the total amount of stripping is not expected to exceed the equivalent of 10 by 70 m.

Treatment of Diagnostic Artifacts, Features and Samples: When detected during excavation or stripping, prehistoric diagnostic artifacts will be piece-plotted and mapped before removal. Features (e.g., posts, pits, hearths, artifact clusters, etc.) will be plotted on the site plan, individually mapped, and photographed in plan view. Features will then be half-sectioned, drawn, photographed in profile view, then the other half of the feature excavated. Depending on the volume, fill from excavated features will be set aside for flotation, pollen analysis and/or fine screening. For large features, a 20-liter flotation sample will be collected and the remainder screened through 0.64-cm hardware cloth. Soils from small features such as post holes will be set aside for flotation.

Radiometric dating samples will be collected (and piece-plotted) as available from prehistoric features and secured buried contexts. Macrobotanical, pollen, and zooarcheological samples will be collected from half-sectioned feature profiles. As considered necessary, samples will be taken from midden deposits encountered during unit excavations and/or stripping.

Site Plan: A site plan will be drawn, showing stripped areas, archeological features, and surface features (e.g., trees, roads, disturbances, etc.). If a detailed topographic base map of the site is not available, then one will be prepared based on recorded surface elevations.

Task 3 - Data Analysis and Curation

Artifact and Data Treatment: Data analysis will include the processing and identification of artifacts, tabulation of artifact data, transcription of field data to graphic media, special analyses (i.e., radiometric dating, faunal/floral analyses, etc.), artifact photography, and preparation of an updated Georgia archeological site form. Artifacts will be identified using published typologies and technological paradigms.

Sample Processing and Special Analyses: Flotation samples from midden deposits and/or features will be volumetrically measured and processed at RSWA using a high-volume, water-flow system with tap-water pressure for agitation. The floral and faunal remains will be sorted and bagged appropriately for analysis.

Preservation of faunal remains appears to range from poor to good, based on work conducted in other areas of 9RI158 in the 1980s; however, many of the faunal remains are historic. Most of the prehistoric remains are small, burned and/or fragmentary. As detected, faunal remains will be collected from the flotation samples and studied by the Project Zooarcheologist. Zooarcheological materials will be analyzed to the extent possible based on size and state of preservation. At minimum these remains will be counted, weighed and subjected to a general analysis (i.e., mammal, bird, fish; long bone versus cranial; unmodified versus burned; etc.).

Previous work suggests poor to fair preservation of ethnobotanical remains. It appears likely that plant remains will be comprised mostly of the more resistant elements such as nut shells and dense pits/seeds. The heavy and light fraction materials from block samples and feature fill flotation analyzed by the Project Paleobotanist along with other botanical remains collected.

Radiometric samples will be packaged and shipped to Beta Analytical for dating. Radiometric samples will be selected based on their association with diagnostic artifact types, food remains, structural remains, and other entities that are likely to assist in further definition of archeological phase characteristics.

If promising samples for pollen analysis are recovered, pollen samples will be submitted to the UGA Palynology Laboratory for quick-scan analysis. If these samples produce viable results, up to four additional samples will be processed for pollen; otherwise, no additional pollen analysis will be conducted.

Curation Arrangements: Artifacts and project documentation will be prepared for curation. For this proposal RSWA assumes that 15 boxes (1.0 cubic feet/box) of project artifacts and documentation will be produced by data recovery activities. Once the project is complete, the materials will be shipped to ENTRIX or the CITY for permanent storage, to the Riverbend Research Laboratory (RRL), University of Georgia, Athens, or to a facility selected by ENTRIX or the CITY. If the materials are shipped to the RRL or other curation facility, then there will be an institutional curation fee. The RRL charges \$220/box. Curation fee are not included in RSWA's project budget.

Task 4 - Reporting

Completion of Fieldwork Report: When fieldwork and basic data analysis is completed, a "completion of fieldwork letter report" will be submitted to ENTRIX and ZEL/CITY for review. The purpose of this report is to inform ZEL/CITY that the proposed fieldwork have been completed and to satisfy the CITY that the fieldwork was conducted following the methods described under Task 2. The completion report also provides notification that no further archeological work is needed in the impact area and the CITY can proceed with waterline construction in this area. RSWA will proceed with the preparation of the draft data recovery report

Data Recovery Reporting: Information collected and compiled during excavation and analysis will be included in the data recovery report. The draft report will discuss methodology, appropriate environmental and cultural contexts, results and interpretations. Copies of the draft report will be forwarded to ENTRIX and ZEL/CITY for review. RSWA will respond to one set of review comments from ENTRIX and ZEL/CITY. Upon receipt of review comments, RSWA address the review comments and prepare a final report under this task.

Task 5 - Interpretive Display (Optional)

Depending on what is recovered during excavations at 9RI158, the CITY may determine that the preparation of an interpretive display is appropriate. If determined appropriate, preparation of the display would include securing a display case, preparing verbiage, and preparing the layout for the display. The CITY would be responsible for securing/constructing the display case(s) and providing a secure environment for the display case(s). The need for Task 5 will be determined after reporting is complete.

Task 6 - Additional Services

RSWA personnel will provide additional services as authorized by ENTRIX or ZEL/CITY. Additional Services typically include but are not limited to, off-site or out-of-office meetings (at your request) to discuss project issues. At present, it is not possible to determine if Additional Services will be required; therefore, no budget has been prepared. The costs of professional services and expenses associated with this task will be determined if the need for such services arises.

COST

The not-to-exceed cost for completing the work described in Tasks 1 through 4 is \$90,141. The CITY will only be billed for work conducted. The budget outlined below includes the labor and expenses required to complete Tasks 1 through 4. This cost estimate is valid until August 11, 2008. The cost of artifact curation at a recognized facility is not in the budget. Likewise, the costs of preparing an interpretive display (Task 5) and Additional Services (Task 6) are not included.

Project Budget**Task 1 - Preparation of Treatment Plan**

Labor (14 hrs)	\$ 978
Expenses	\$ 65
Subtotal	\$ 1,043

Task 2 - Archeological Data Recovery Excavations

Labor (904 hrs)	\$ 34,291
Expenses	\$ 20,650
Subtotal	\$ 54,941

Task 3 - Data Analysis

Labor (420 hrs)	\$ 17,240
Expenses	\$ 2,800
Subtotal	\$ 20,040

Task 4 - Reporting

Labor (304 hrs)	\$ 13,168
Supplies/Copies	\$ 950
Subtotal	\$ 14,118

Total	\$ 90,142
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SCHEDULE

Task 1 will begin within three working days after receipt of notice to proceed from ENTRIX/ZEL/CITY. Task 2 will begin within five working days after the impact area has been cleared of trees, debris, and surface vegetation. It is anticipated that Task 2 will be completed with approximately 30 working days; however, this schedule is contingent upon weather, soil conditions, and the number of archeological features encountered. The completion of fieldwork report will be submitted to ENTRIX/ZEL within 20 working days after completion of fieldwork. It is estimated that the full draft report will be completed within 45 to 55 working days after completion of fieldwork. We will address comments within 15 working days after receipt of review comments and submit the final report. After approval of the final report, the artifacts and project documentation will be shipped to the selected repository (e.g., the CITY or a selected curation facility).

DELIVERABLES

The deliverables for the project include:

- Communications with ENTRIX and ZEL/CITY throughout the project
- An estimated 15 boxes of project artifacts and documentation, shipped to the selected curation facility (Task 3)
- Submission of a completion of fieldwork report (five copies) (Task 4)
- Submission of a data recovery report for Site 9RI158 (four draft copies; eight final copies) (Task 4)

Proposal - Phase III Cultural Resources Management Services, Site 9RI158 (The Pig Pen Site)
February 11, 2008

Page 6

- Preparation of an interpretive display, if requested by you or your representative (Task 5)
- Additional services by RSWA personnel, as requested by you or your representative (Task 6)

PERSONNEL

Mr. Steve Webb will serve as the Principal Investigator for the data recovery project. Mr. Webb will be assisted by supervisory and technical staff members as need to complete project tasks.

PAYMENT

You will be invoiced once a month during active periods of the project. Payment for services should be made to R.S. Webb & Associates and is due within 30 days.

PROJECT AUTHORIZATION

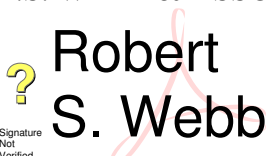
If the terms of our proposal are acceptable, please sign in the space provided below and return a completed original to us. If you wish begin the project immediately you may fax the executed proposal to us at 770-345-0707, or e-mail it to Mr. Webb at rswebb@alltel.net.

CLOSING COMMENTS

Mr. Mooneyhan, we appreciate the opportunity to provide you with this proposal and look forward to performing these cultural resources services for ENTRIX, ZEL Engineers, and the City of Augusta-Richmond County. Please contact Mr. Steve Webb 770-345-0706 if you have any questions concerning our proposal.

Sincerely,

R.S. WEBB & ASSOCIATES

 **Robert S. Webb**
Signature Not Verified

Digitally signed by Robert S. Webb
DN: cn=Robert S. Webb, o=R.S. Webb Associates, c=US
Date: 2008.02.11 13:50:13 -05'00'

Robert S. (Steve) Webb
President and Senior Principal Archeologist

ACCEPTED AND AGREED TO:

ENTITY (Print Name): _____

BY (Print Name): _____

AS ITS (Print Title): _____

SIGNATURE: _____

DATE: _____



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Augusta Convention and Visitors Bureau**

Department: Clerk of Commission

Caption: Approve a Memo of Understanding designating the Augusta Convention and Visitors Bureau as the managing entity of the wayfinding sign system.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

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

REVIEWED AND APPROVED BY:

Clerk of Commission

AGENDA ITEM REQUEST FORM

Commission/Committee: (Please check one)

☐ Commission
☐ Public Services Committee
☐ Administrative Services Committee
☒ Engineering Services Committee
☐ Finance Committee
☐ Public Safety Committee

Contact Information for Individual/Presenter Making the Request:

Name: Jennifer Bowen for Barry White, President & CEO, Augusta Convention & Visitors Bureau
Address: 1450 Greene Street, Ste 110, Augusta, GA 30901
Telephone Number: 706-823-6600
Fax Number: 706-823-6609
E-Mail Address: jbowen@augustaga.org

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

1. Approve a Memo of Understanding designating the Augusta Convention & Visitors Bureau as the managing entity of the wayfinding sign system.

Please send this request form to the following address:

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

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

Commission meetings are held on the first and third Tuesdays of each month at 2:00 p.m. Committee meetings are held on the second and last Mondays of each month from 12:30 to 3:30 p.m.



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Award bid for Ashley Drive Storm Water Pipe Replacement**

Department: Public Services Department Maintenance Division

Caption: Approve request to award bid for Ashley Drive Storm Water Pipe Replacement to low bidder, Beam's Contracting, in the amount of \$104,075.

Background: There were three companies that showed an interest in this project, however two of the bidders were non-compliant.

Analysis: This 300 foot corrugated metal pipe has completely failed, creating further sinkholes and potential safety hazards to residents.

Financial Impact: Further delay in removing/replacing this pipe could result in further damage to private property.

Alternatives: 1. Approve request to award bid for Ashley Drive Storm Water Pipe Replacement to low bidder, Beam's Contracting, in the amount of \$104,075. 2. Do not replace pipe, but continue attempting to repair deteriorated pipe.

Recommendation: #1. Approve request to award bid for Ashley Drive Storm Water Pipe Replacement to low bidder, Beam's Contracting, in the amount of \$104,075.

Funds are Available in the Following Accounts: Funds are available in in account #324-04-1110/201-82-4021.

REVIEWED AND APPROVED BY:

Finance.
Administrator.
Clerk of Commission



Engineering Services Committee Meeting
5/12/2008 11:35 AM
Change Order #1 for the 630 36" Water Main Phase I Project (10150)

Department: Utilities

Caption: Approve Change Order #1 to DS Utilities Company Inc. to make final quantity adjustments (deductions and overruns) in accordance with the terms of the unit price contract as well as add two new unit price line items to the contract.

Background: After construction was completed there were line items that were not utilized or fully billed and were removed from the contract. There were also some line items that did exceed the contract quantities but ultimately did not cause the project to exceed the original budget. These items will serve to improve the water systems and roadways in the area.

Analysis: Approving this change order will adjust the final contract quantities to match the actual final quantities in accordance with the provisions of the unit price contract.

Financial Impact: (\$365,322.93) credited to the 2000 Bond Issue, under account number 511043410-5425110/ 80310150-5425110

Alternatives: Disapprove this change order and risk delays in contract close out and potential claim from the Contractor.

Recommendation: Approve Change Order #1 in the deductive amount of (\$365,322.93) to DS Utilities Company Inc. on the 630 36" Water Main Phase I Project.

Funds are Available in the Following Accounts: Funds are available in the following accounts: 511043410-5425110/ 80310150-5425110

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Administrator.

Clerk of Commission

Augusta Utilities Department
630 36" Water Main Extension Project (10150)
Change Order No. 1 (Final) Summary

Item No.	Description of Work	Original Qty	Unit	Unit Price	Original Scheduled Value	Final Qty	Final Value	Difference (CO Value)
1	36" Class 200 DIP Standard Joint Pipe	5300	L.F.	\$156.00	\$826,800.00	4803	\$749,268.00	-\$77,532.00
2	18" Class 250 DIP Restrained Joint Pipe	20	L.F.	\$120.50	\$2,410.00	12	\$1,446.00	-\$964.00
3	36" Class 200 DIP Restrained Joint Pipe	2900	L.F.	\$204.00	\$591,600.00	2395	\$488,580.00	-\$103,020.00
4	Jack and Bore 50" Casing, Incl. 36" RJ DIP and endseals	100	L.F.	\$860.00	\$86,000.00	100	\$86,000.00	\$0.00
5	Select Backfill - Sand/Clay	10000	C.Y.	\$0.01	\$100.00	0	\$0.00	-\$100.00
6	Miscellaneous Ductile Iron Fittings	45000	L.B.	\$0.01	\$450.00	45000	\$450.00	\$0.00
7	Air Release Fire Hydrant	5	EA	\$1,500.00	\$7,500.00	4	\$6,000.00	-\$1,500.00
8	Flushing Fire Hydrant	2	EA	\$1,500.00	\$3,000.00	1	\$1,500.00	-\$1,500.00
9	36" BFV, Including 84" Manhole	3	EA	\$30,860.00	\$92,580.00	3	\$92,580.00	\$0.00
10	18x18 Tapping Sleeve & Valve	1	EA	\$22,160.00	\$22,160.00	1	\$22,160.00	\$0.00
11	1" Air Release Valve, Incl. Manhole	5	EA	\$1,000.00	\$5,000.00	0	\$0.00	-\$5,000.00
11	Polyethylene Wrap of 36" DIP	2500	L.F.	\$1.67	\$4,175.00	631	\$1,053.77	-\$3,121.23
12	Tie into existing line	1	EA	\$2,890.00	\$2,890.00	1	\$2,890.00	\$0.00
14	Miscellaneous Class A Concrete	75	C.Y.	\$75.00	\$5,625.00	0	\$0.00	-\$5,625.00
15	Asbestos Cement or Cast Iron Water Main Crossings	2	EA	\$9,400.00	\$18,800.00	0	\$0.00	-\$18,800.00
16	Clay Pipe Sewer Crossings	2	EA	\$1,285.00	\$2,570.00	0	\$0.00	-\$2,570.00
17	Asphalt Overlay, Type F, 1.5" Thick	15800	SY	\$7.50	\$118,500.00	2933	\$21,997.50	-\$96,502.50
18	Pavement Patch, Including stone base and asphalt	2300	SY	\$45.50	\$104,650.00	2120	\$96,460.00	-\$8,190.00
19	Asphalt Leveling	100	TN	\$93.10	\$9,310.00	0	\$0.00	-\$9,310.00
13	Milling 0"-1.5"	3200	SY	\$9.10	\$29,120.00	0	\$0.00	-\$29,120.00
20	6" Thick Concrete Driveway, 3000 PSI Mix	50	SY	\$114.50	\$5,725.00	0	\$0.00	-\$5,725.00
23	2" Asphalt Pavement Replacement, Including 6" Stone Base	1150	SY	\$16.60	\$19,090.00	3800	\$63,080.00	\$43,990.00
21	24" Concrete Curb and Gutter, Remove and Replace	250	L.F.	\$22.50	\$5,625.00	71	\$1,597.50	-\$4,027.50
32	Asphalt Raised Edge	800	L.F.	\$5.35	\$4,280.00	200	\$1,070.00	-\$3,210.00
34	4" Aggregate Base Course, 6' Wide (ASU)	1675	SY	\$2.70	\$4,522.50	0	\$0.00	-\$4,522.50
22	1.5" Asphalt Path, 6' Wide (ASU)	1675	SY	\$11.80	\$19,765.00	1486	\$17,534.80	-\$2,230.20

Item # 12

[illegible]



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Confederate Powder Works Chimney**

Department: Clerk of Commission

Caption: Consider a request from the Brigadier General E. Porter Alexander Camp #158, Sons of Confederate Veterans, for permission to perform restoration work on the Confederate Powder Works Chimney located at Sibley Mill on Goodrich Street.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

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

REVIEWED AND APPROVED BY:

Clerk of Commission

Nancy Morawski

From: Natasha L. McFarley
Sent: Friday, April 25, 2008 9:15 AM
To: Nancy Morawski
Subject: FW: Restoration of the Confederate Powder Works Chimney

Natasha McFarley
Administrative Assistant
Mayor Deke Copenhaver
706.821.1831 office
706.821.1835 fax
nmcfarley@augustaga.gov

From: Nick Posey [mailto:nicholasposey@comcast.net]
Sent: Thursday, April 24, 2008 11:37 PM
To: Natasha L. McFarley
Subject: Restoration of the Confederate Powder Works Chimney

Natasha,

I need for you to do me a small favor.

I've spoken with Mayor Copenhaver on a number of occasions about restoration of the Confederate Powder Works Chimney located at Sibley Mill. He has spoken to the state legislators on our behalf to assist us in obtaining some of the funding needed for this project from the state of Georgia.

We are in the process of applying for \$42,000.00 in funds from the Georgia Division Sons of Confederate Veterans, our organization on the state level. One of the requirements for submitting the funding application is that we need permission to perform the work from the entity that owns the historic structure we are seeking to restore. In the case of ownership the chimney that entity is the city of Augusta.

I need a brief letter from Mayor Copenhaver stating that the city of Augusta gives permission to Brigadier General E. Porter Alexander Camp #158, Sons of Confederate Veterans, to perform restoration work on the Confederate Powder Works Chimney located at Sibley Mill on Goodrich Street in Augusta, Georgia.

Sincerely,
Nick Posey
Commander
Brigadier General E. Porter Alexander Camp #158
Sons of Confederate Veterans
Augusta, Georgia



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Good News Church Storm Replacement Contract Award**

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

Caption: Approve award of Construction Contract to CBH Construction in the amount of \$61,079.00 for the Storm Pipe Replacement at Good News Baptist Church (CPB#322-041110-206822001), subject to receipt of signed contracts and proper bonds. Also approve Change Number One in the amount of \$10,000 to be funded from One Percent Sales Tax, Phase II Recapture as requested by the Engineering Department.

Background: Currently, there is an existing 30" corrugated metal pipe that extends from the Warren Road right-of-way through the parking lot of GoodNewsBaptistChurch and terminates at the Georgia Department of Transportation (GDOT) right-of-way. The existing pipe and subgrade is currently failing and causing the church parking lot to sink and fail. The existing 30" pipe is currently receiving at least 75% of the stormwater from Augusta-RichmondCounty's stormwater facilities. The proposed improvements will alleviate the drainage and subgrade problem.

Analysis: Bids were received on March 4, 2008 with CBH Construction being the low bidder. Bid results are as follow: CONTRACTORS BID 1. CBH Construction \$61,079.00 2. Blair Construction \$94,664.79 3. Mabus Brothers Construction \$99,986.00 4. Payne Construction Commercial \$134,121.00 5. Beam's Construction \$196,290.16 It is the Engineering Department recommendation to award this project to the Low bidder CBH Construction.

Financial Impact: Upon Commission approval, Funds will be available in the project construction budget.

Alternatives: 1) Approve award of Construction Contract to CBH

Construction in the amount of \$61,079.00 for the Storm Pipe Replacement at Good News Baptist Church (CPB#322-041110-206822001), subject to receipt of signed contracts and proper bonds. Also approve Change Number One in the amount of \$10,000 to be funded from One Percent Sales Tax, Phase II Recapture as requested by the Engineering Department. 2) Do not approve and deny completion of a funded project.

Recommendation: Approve Alternative Number One.

**Funds are
Available in the
Following
Accounts:** 322-041110-6011110/292822333-6011110

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

Augusta-Richmond County, Georgia

CPB#322-04-206822001

**CAPITAL PROJECT BUDGET
STORM PIPE REPLACEMENT AT GOOD NEWS BAPTIST CHURCH**

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

Section 1: The project is authorized to CPB# 322-04-206822001. Funding of the proposes to replace the existing pipe and subgrade which is currently failing and causing the church parking lot to sink and fail. The proposed improvements will alleviate the drainage and subgrade problem

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

Special 1% Sales Tax, Phase II Recapture	<u>\$56,872</u>
	\$56,872

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

	<u>By Basin</u>	<u>By District</u>
Varies	\$56,872	\$56,872

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

Augusta-Richmond County, Georgia

CPB#322-04-206822001

**CAPITAL PROJECT BUDGET
STORM PIPE REPLACEMENT AT GOOD NEWS BAPTIST CHURCH**

Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#322-04-206822001

CAPITAL PROJECT BUDGET
STORM PIPE REPLACEMENT AT GOOD NEWS BAPTIST CHURCH

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT</u> <u>CPB</u>	<u>CPB</u> <u>CHANGE</u>
SALES TAX PHASE II RECAPTURE 322-0411110-6011110-292822333	(\$56,872)	
SPECIAL 1% SALES TAX, PHASE II 322-0411110-6011110-292822333		
TOTAL SOURCES:	(\$56,872)	\$0
<u>USE OF FUNDS</u>		
CONSTRUCTION 322-04-1110-5414110-206822001	\$54,164	
CONTINGENCY 322-04-1110-6011110-206822001	\$2,708	
TOTAL USES:	\$56,872	\$0

3
m.

NEW
CPB

\$0

\$0

Augusta-Richmond County, Georgia

CPB#322-041110-206822001

**CAPITAL PROJECT BUDGET
STORM PIPE REPLACEMENT AT GOOD NEWS BAPTIST CHURCH
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: The project is authorized to CPB# 322-041110-206822001. Funding of the proposes to replace the existing pipe and subgrade which is currently failing and causing the church parking lot to sink and fail. The proposed improvements will alleviate the drainage and subgrade problem.

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

Special 1% Sales Tax, Phase II Recapture	\$56,872
Special 1% Sales Tax, Phase II Recapture	<u>\$10,000</u>
	\$66,872

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

	<u>By Basin</u>	<u>By District</u>
Varies	\$66,872	\$66,872

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#322-041110-206822001

**CAPITAL PROJECT BUDGET
STORM PIPE REPLACEMENT AT GOOD NEWS BAPTIST CHURCH
CHANGE NUMBER ONE**

Augusta-Richmond County, Georgia

CPB#322-041110-206822001

**CAPITAL PROJECT BUDGET
STORM PIPE REPLACEMENT AT GOOD NEWS BAPTIST CHURCH
CHANGE NUMBER ONE**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SALES TAX PHASE II RECAPTURE 322-041110-6011110-292822333	(\$56,872)		(\$56,872)
SPECIAL 1% SALES TAX, PHASE II 322-041110-6011110-292822333		(\$10,000)	(\$10,000)
TOTAL SOURCES:	(\$56,872)	(\$10,000)	(\$66,872)

USE OF FUNDS

CONSTRUCTION 322-04-1110-5414110-206822001	\$54,164	\$10,000	\$64,164
CONTINGENCY 322-04-1110-6011110-206822001	\$2,708		\$2,708
TOTAL USES:	\$56,872	\$10,000	\$66,872



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Juvenile Court Building Location**

Department: Administrator

Caption: Discuss building location for Juvenile Court.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

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

REVIEWED AND APPROVED BY:

**Administrator.
Clerk of Commission**



**Engineering Services Committee Meeting
5/12/2008 11:35 AM**

**Property Condemnation - Easements - Darnell Warren as Administrator for the Estate of Mattie
L. Warren**

Department: Attorneys

Caption: Motion to authorize condemnation of a portion of a property owned by Darnell Warren as Administrator for the Estate of Mattie of Mattie L. Warren; 9948 square feet of permanent easement and 9341 square feet of temporary construction easement, PIN: 099-0-070-00-0, property address: 2417 Doug Barnard Parkway.

Background: The project has to proceed according to schedule and it is necessary to condemn a portion of subject property to clear the title. The appraised value of the easements is \$2,658.00.

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

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

Alternatives: None, action is necessary to avoid delays in the project and associated costs.

Recommendation: Approve the authorization to condemn

Funds are Available in the Following Accounts: 510043420-5411120 80200007-5411120

REVIEWED AND APPROVED BY:

Administrator.

Cover Memo

Item # 16

Clerk of Commission



**Engineering Services Committee Meeting
5/12/2008 11:35 AM**

Property Condemnation–Permanent and Temporary Construction Easements Sheila Ann Mitchell

Department: Attorneys

Caption: Motion to authorize condemnation of a portion of a property owned by Sheila Ann Mitchell; 1,618 square feet of permanent access, utility and maintenance easement and 2,015 square feet of temporary construction easement. PIN: 132-0-447-00-0, property address: 3490 Monte Carlo Drive.

Background: The project has to proceed according to schedule and the City has been unable to purchase the required easements due to title issues. In order to proceed and avoid the resulting delays and costs, it is necessary to condemn a portion of subject property. The appraised value of the easements is \$600.00.

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

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

Alternatives: None, action is necessary to avoid delays in the project and the associated costs.

Recommendation: Approve the authorization to condemn

Funds are Available in the Following Accounts: 510043420-5411120 80260107-5411120

REVIEWED AND APPROVED BY:

Administrator.
Clerk of Commission



**Engineering Services Committee Meeting
5/12/2008 11:35 AM**

Purchase of Wide Format Printer / Copier / Scanner for Augusta Utilities

Department: Utilities

Caption: Approve the purchase of a KIP 5202 Large Document Color Scanner/Copier/Printer System and Accessories in the amount of \$35,078.75.

Background:

Analysis: AUD's current Large Document Scanner/Copier/Printer system is outdated obsolete and unsupported. Our efforts to generate the digital/electronic database and provide a faster and more efficient Archive Retrieval System cannot be accomplished with our current equipment.

Financial Impact: \$35,078.75 from account 506043110-5424510

Alternatives: None

Recommendation: Augusta Utilities recommends the purchase of the KIP 5202 Large Document Color Scanner/Copier/Printer System and Accessories in the amount of \$35,078.75 from Imaging Technologies of Augusta GA. This recommendation is based upon the competitive bid results from BID Item 08-061 and evaluation of initial equipment purchase plus subsequent monthly maintenance costs for a period of one year following warranty expiration.

Funds are Available in the Following Accounts: \$35,078.75 from account 506043110-5424510

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Administrator.

Clerk of Commission



UTILITIES DEPARTMENT

N. Max Hicks, P.E., RLS, Director
Wes Byne, P.E., Assistant Director

Engineering and Construction Division
360 Bay Street, Suite 180 – Augusta, GA 30901
Office (706) 312-4132 – Fax (706) 312-4133
www.augustaga.gov

March 14, 2008

Geri Sams, Director
Procurement Department

Ref: Bid Item #08-061 Wide Format Printer / Copier / Scanner for Augusta Utilities

Ms. Sams:

After thorough review of the bids received in the above referenced bid item 08-061, Augusta Utilities recommends the bid to be awarded to Imaging Technologies.

Our criteria for selecting a vendor is based on a combination of the price of the equipment and accompanying maintenance costs for one year following the expiration of the warranty.
Please see the table below:

Vendor	Model	Equipment Price	Maintenance (1 Yr)	Total
Pollock Company	KIP 5202	\$32,734.00	\$180 per mo base Plus .06 per sq ft @ 4,500 sq ft per month (\$5,400.00)	\$38, 134.00
Imaging Technologies	KIP 5202	\$33,058.75	\$165 per mo @ 4,500 sq ft (\$1,980.00)	\$35, 038.75
Digital Blueprint	KIP 5202	\$33,995.00	\$210 per mo @ 4,500 sq ft (\$2,520.00)	\$36,515.00

Although Pollock Company's bid for the KIP 5202 was the lowest, they are actually highest in total cost over a 1 year period when you add monthly maintenance fees. Their "base" rate is \$180.00 per month but their sq ft usage is \$.06 per sq ft (this equals \$2,160 for the base rate plus \$3,240 for 4,500 sq ft of usage for a total of \$5,400). Digital Blueprint is 2nd lowest overall within \$450.00 of Imaging Technologies. ACME and IKON were not considered based on their exceptions and of not bidding an acceptable equivalent.

Thank you for your attention to this matter. Please contact me if there are any questions regarding this bid item.

Sincerely,

Jerry Philpot, Systems Program Manager
Augusta Utilities Department

cc: **N. Max Hicks, P.E., RLS**, Director
Wes Byne, P.E., Assistant Director
Reggie Horne, Information Technology

2/21/2008
9:58 AM

Bid #08-061				
Wide Format Printer/Copier/Scanner				
Augusta Utilities Department				
RFQ Opening Date: Thursday, February 14, 2008 @ 3:00 p.m.				
Vendors:	Model	Price	Comments	Maintenance
Pollock Company 1711 Central Ave. Augusta, GA 30904	KIP 5202	\$32,734.00	90 days on-site warranty all parts and labor	\$180.00/mt - all copies/print @ .06 per sq ft - all parts, labor, and consumables supply items excluding paper - local service support and supplies - 4 factory trained stall technicians
	Digital Blue Print 1281 Broad St. Augusta, GA 30901	KIP 5202	\$33,995.00	KIP Systems: Warranty 90 days Parts Folders: 12 month parts replacement Scanner: 24 month optical system
Imaging Technologies 1030 Reynolds St. Augusta, GA 30901	KIP 5202	\$33,058.75	90 day on-site warranty to include 2 factory trained techs with 4 hour response	\$165.00/mt to include 4500 sq ft - .02/sq ft in excess
ACME * 231 Fury's Ferry Rd., Ste 212 Augusta, GA 30907	Ricoh 480W	\$18,630.00		\$792.00/yr to include 2400 lf/qtr - .059/lf in excess - to include all pars, labor, service and all supplies except paper
IKON * 3021 River Watch Parkway Augusta, GA 30907	Ricoh MP W3600	\$16,232.00		Parts and labor \$295.00/qtr to include 4,000 lf - .07/lf in excess - toner, developer masters, paper, & wast toner not included
IKON - noncompliant GA Security and Immigration Forms IKON & Acme - noted exceptions				

Item # 18

Local vendors are
highlighted in blue.

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-08-061-0-2008/PJM**Bid Name** Wide Format Printer/Copier/Scanner

1 Document(s) found for this bid

20 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Archive Supplies, Inc.	2143512183	2143512103	1			Documents
B&H Photo Video	2122397500	2122397740	1			Documents
Buyers Laboratory	2014880404	2014880461	1			Documents
Canon U.S.A., Inc.	7038073183	7030000000	1			Documents
CDW Government, Inc.	8008084239	8473712629	1			Documents
Compass Solutions	7036246677	7033484607	1	1. African American Owned 2. Small Business		Documents
En Pointe Technologies Sales, Inc.	3107255230	3107275536	1			Documents
JPK Micro Supply, Inc.	6269688803	6269688673	1	1. Asian/Hawaiian Owned		Documents
Konica Minolta Business Solutions	2018255633	2018255607	1			Documents
L.A. Computer Center	8006893933	3106719565	1	1. Asian/Hawaiian Owned		Documents

Page 1 of 2 first | previous | **next** | last

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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-08-061-0-2008/PJM

Bid Name Wide Format Printer/Copier/Scanner

1 Document(s) found for this bid

20 Planholder(s) found.

Add Planholder

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
M&M COMPUTERS	7187713455	7187715272	1	1. Small Business		Documents
Micrologic Business Solutions, Inc	6369466681	6369461018	1	1. Small Business		Documents
National Graphic Imaging	8132868300	8132890342	1			Documents
New Tech Solutions, Inc	5103534070	5103534076	1	1. Small Business		Documents
OM OFFICE SUPPLY INC	7177634216	7177634354	1	1. Asian/Hawaiian Owned 2. Small Business 3. Woman Owned		Documents
Onvia, Inc. - Content Department	2063739500	8882637801	1			Documents
Piedmont Plastics Inc	7045841520	0000000000	1			Documents
SAI Computers	2527523694	2527528109	1			Documents
SOUTHERN COMPUTER WAREHOUSE, INC.	7705798927	7705798937	1	1. Small Business		Documents
Zones, Inc.	2532053437	2532052412	1			Documents

Page 2 of 2 [first](#) | [previous](#) | [next](#) | [last](#)Format for Printing ☐ No ☒DemandStar is a product of [Onvia, Inc.](#) (c) 1997-2008. All rights reserved. | [Terms of Use](#) | [Privacy](#)



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Ratify Change Order #2 to New Savannah Rd Water Main**

Department: Utilities

Caption: Ratify Change Order 2 to Daily Rate Construction Program for Emergency Line Replacement on New Savannah Rd. for \$205,000.00.

Background: During the construction of the Main Interceptor, the water line on was not redesigned, and was in conflict with the new sewer. Because of this, water service to a significant service area would be impacted. The extent of this impact was not immediately clear during design. Because AUD is planning to replace this section of line, it was determined to move ahead with an emergency replacement of the existing line. Blair was selected because of the daily rate program. They were tasked with replacing the 12" line with a 16" line on a daily contracted rate based on the bid of that service. In addition, Blair secured materials at a lesser rate than AUD could procure. This was determined to be an emergency due to the number of residents and businesses affected by the outage. The contractor on the Main Interceptor offered a competitive price approximately 1.5 times this fee.

Analysis: This was deemed an emergency line replacement. Procurement was notified because of the emergency nature. Replacing this line saves money in the long run because overlay costs are not spread across two contracts. In addition, service is improved for residents and businesses in South Augusta. The first change order did not include enough funding to adequately address the issues that occurred with replacing the line while another construction contract was occurring. Due to logistical delays, additional expenses were incurred. No engineering fees nor right of way fees were incurred in the design of this line, a savings of approximately \$80,000.00.

Financial Impact: \$200,000.00 from account 50704340-5425110/80600040-5425110

Alternatives: None.

Recommendation: Ratify Change Order to Daily Rate Construction Program for Emergency Line Replacement on New Savannah Rd for \$205,000.00

Funds are Available in the Following Accounts: \$200,000.00 from account 50704340-5425110/80600040-5425110

REVIEWED AND APPROVED BY:

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

Blair Construction, Inc.

INVOICE

P.O. Box 770

Evans, Georgia 30809

Phone (706) 868-1950 Fax (706) 868-1855

To: Augusta Utilities Department
360 Bay Street, Suite 180
Augusta, GA 30901

Attn: Russell Thies

Date: March 6, 2008

Re: New Savannah Road Water Main Extension
for Augusta Utilities Department
Blair Project No. 0754

DESCRIPTION OF WORK (Performed 12/22/08 Thru 3/4/08)	RATE	TOTAL
Equipment and Labor for installation, <u>Lump Sum</u> (see attached supportive data)	\$ 135,918.10	\$ 135,918.10
Materials Used, <u>Lump Sum</u> (see attached supportive data)	\$ 43,100.47	\$ 43,100.47

Total: \$ 179,018.57

Total Performed For Entire Project: \$611,976.44

Total Previously Invoiced: ~~\$432,957.87~~

Paid \$ 410,659.19

Amount Due This Invoice:

~~\$179,018.57~~

\$ 201,317.25

"We Thank You For Your Business"

Please Remit Payment To:

Blair Construction, Inc.
P.O. Box 770
Evans, Georgia 30809

NET 30 Days

Item # 19



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Ratify Emergency Bid for Eisenhower 14" Waterline Replacement**

Department: Utilities

Caption: Ratify Emergency Bid to replace Eisenhower Hospital 14" Water Line.

Background: Fort Gordon contacted AUD to obtain pricing for replacement of a section of 14" water main that is in conflict with current construction on base. AUD contacted Procurement and obtained an emergency bid on the project. Three bidders were contacted. The low bidder was Beams Construction. AUD was asked to hold the award pending review by the Contracting Officer at the Defense Energy Services Center. That review has been completed, and the Army is prepared to proceed. By the time this agenda item is on Committee, the work should have been completed.

Analysis: This was deemed an emergency line replacement. Procurement was notified because of the emergency nature. Fort Gordon and DESC were made aware of the emergency requirements and agreed to notify AUD upon completion of review. AUD received notification on March 13, that the notice to proceed should be issued in the next week. AUD submitted this agenda item assuming that work would be complete by the time the agenda item is reviewed.

Financial Impact: \$ 112,373.23 from account 507043410-5425110/80800005-5425110

Alternatives: None.

Recommendation: Ratify Emergency Bid to Replace Eisenhower Hospital 14" Water Line for \$112,373.23

Funds are

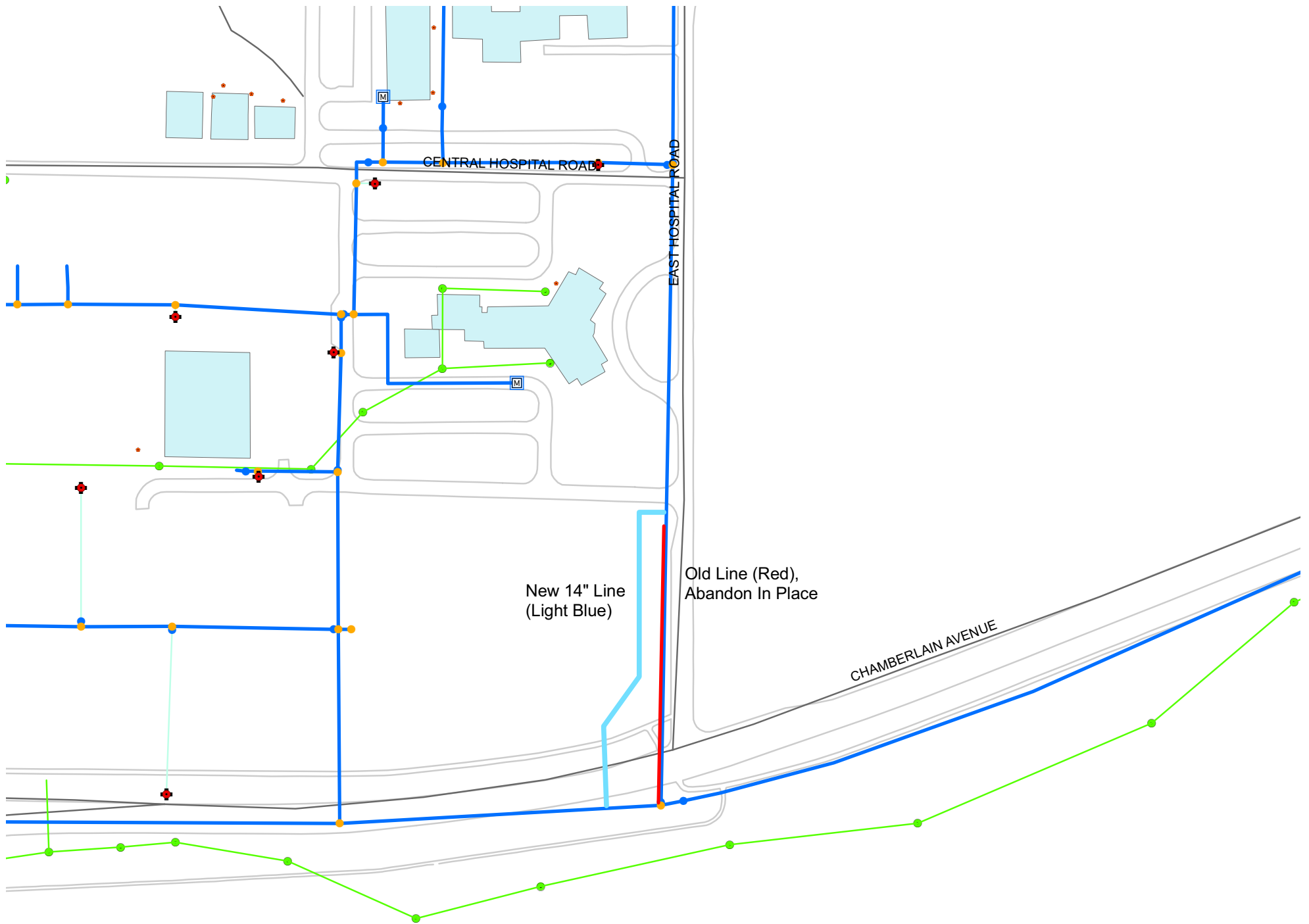
**Available in the
Following
Accounts:**

\$ 112,373.23 from account 507043410-5425110/80800005-5425110

REVIEWED AND APPROVED BY:

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

Augusta Utilities Proposal to Install a 14" line replacement at the
Intersection of Chamberlain and East Hospital Rd
7 Mar 2008



Emergency Bid 08-087 Eisenhower Emergency Waterline Replacement For Augusta Utilities Dept Emergency Bid Opening Date Wednesday, February 27, 2008 @ 3:00 PM				
Vendors	Price	Bid Bond	G&A	Final R & R
Beam's Construction 2355 Atomic Rd Beech Island, SC 29842	83,493	X	34.59%	112373.2287
Blair Construction PO Box 770 Evans, GA 30809	152,617.30	X	34.59%	205407.6241
Eagle Construction 4005 Braswell Rd Blythe, GA 30805	107,122.00	X	34.59%	144175.4998

Emergency Bid #08-087 Eisenhower Emergency Waterline Replacment for the Augusta Utilities Department Emergency Bid Opening Date: Wednesday, February 27, 2008 @ 3:00 p.m.		
Vendors:	Bid Price	Bid Bond
Beam's Construction 2335 Atomic Road Beech Island, SC 29842	\$83,493.00	X
Blair Construction P.O. Box 770 Evans, GA 30809	\$152,617.30	X
Eagle Constructions 4005 Braswell Rd. Blythe, GA 30805	\$107,122.00	X



Procurement Department

Mrs. Geri Sams, Director

FAX

February 21, 2008

EMERGENCY SOLICITATION

TO: Mr. William Mutimer, Pres., Blair Construction Inc. - 706 868-1855
Mr. Tony Highfield, Pres., Eagle Utility Contracting, Inc. - 706 769-1638
Mr. Buddy Rowland, Chief Exe., Beam's Contracting Inc.- 803 827-1868

FR: Ms. Geri Sams, Procurement Director

REF: BID ITEM: 08-087 EISENHOWER EMERGENCY WATERLINE REPLACEMENT

MANDATORY MEETING

Gentlemen:

I apologize for sending this very short notice as it relates to the City's emergency work on the EISENHOWER EMERGENCY WATERLINE REPLACEMENT PROJECT. This is to confirm Mr. Russell Thies' conversation of February 20, 2008 with your office concerning an emergency MANDATORY meeting to discuss the City's needs and specifications concerning the above referenced project. The meeting will be held:

**Thursday, February 21, 2008 at 10:00 AM
At the Intersection of Chamberlin and the
main entrance to the Eisenhower hospital.**

Bid packages will be available for pick up at 1:00 PM today, February 21, 2008 in the Procurement Office – 530 Greene Street – Room 605.

The Submittal Due Date: Wednesday, February 27, 2008 at 3:00 PM
Geri Sams
Procurement Department
530 Greene Street – Room 605
Augusta, Georgia 30901

We are confident that one of the above mentioned firms will be capable of performing the mentioned emergency work. Thank you for your immediate consideration.

CC: Fred Russell
Tameka Allen
Max Hicks
Russell G. Thies

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 # 20



**Engineering Services Committee Meeting
5/12/2008 11:35 AM
Rock Creek Improvements**

Department: Augusta Utilities Department

Caption: Approve proposal for the professional services in the amount of \$86,500 to ZEL Engineering for the plan of study for the Rock Creek basin.

Background: The Rock Creek Sanitary Improvements project involves Infiltration and/or Inflow (I/I) that may exist in the Rock Creek collection system. There is evidence that either the sewer is near its capacity or that excessive infiltration exists that warrant evaluation and correction. The sewer trunk line starts at Lake Olmstead and ends near Stevens Creek Rd.

Analysis: The price for the scope of work listed is \$86,500. Based on projects of similar scope, AUD has reviewed the cost and determine this fee to be fair and reasonable.

Financial Impact: The cost for services from ZEL is \$86,500.00. These funds are available from the following accounts: 507043420-5425210/80800010-5425210

Alternatives: Reject ZEL Proposal, which would delay the design of the project and the construction of the sanitary sewer improvements.

Recommendation: It is recommended to award ZEL in the amount of \$86,500.00

Funds are Available in the Following Accounts: 507043420-5425210/80800010-5425210

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Administrator.

Clerk of Commission

ENGINEERING SCOPE DOCUMENT

THE CITY OF
AUGUSTA, GEORGIA
UTILITIES DEPARTMENT

SEWER
IMPROVEMENTS
ROCK CREEK
BASIN

PLAN OF STUDY

January 14, 2008
PROJECT 2007-P24

ZEL ENGINEERS

Table of Contents

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I. Identify Collection System Problems	2
II. Define Infiltration/Inflow (I/I) Problem.....	3
A. Physical Inspection	3
B. Collection of Rainfall Data	3
C. Rainfall Simulation	4
III. Prepare Map and Field Report	4
IV. Conduct a Cost-Effectiveness Analysis.....	4

Rock Creek Sewer Collection Basin

Infiltration and/or Inflow (I/I) may exist in the Rock Creek collection system. There is evidence that either the sewers are near their capacities or excessive Infiltration/Inflow (I/I) flow exists that warrant evaluation and correction. Augusta Utilities Department (AUD) may perform an sewer system evaluation survey (SSES) to identify the sources of I/I and determine at what level it is cost effective to treat and/or remove the I/I. AUD should also evaluate the design capacity of the existing system and evaluate the full basin development flow rates.

1. Evaluation of the existing capacity is a desktop evaluation based on the known features of the collection system. Evaluation of the full basin development flow rates is a planning evaluation based on standard planning type land use estimates from local planning agencies and correlated to regional and state planning projections for a date in the future. Since the trunk sewers in Rock Creek were constructed in the 1960's and 1970's (extended to serve the I-20 welcome station), planning should look at the available land and apply the density for the anticipated land use to arrive at a design flow at various points in the basin.
2. If there is evidence that the present flows are greatly influenced by I/I, Then a SSES should be undertaken for sections of the trunk mains that do not warrant replacement based on the full basin projections. Because the lower end of the basin is fully developed, it is most likely that these sections of the trunk lines may need relief.

The following steps should be taken to complete the study:

1. Identify Collection System Problems

1. Describe the existing system and discuss its history;
2. Review and analyze existing flow records such as plant influent data, pump stations data, overflow locations and estimated amounts, etc;
3. Divide the collection system into subsystems and identify the key manholes

- which are located at the outlet of each subsystem;
4. Monitor flows to key manholes and compare them to the expected sewer flows from the subsystems. Identify problem subsystems and determine if further study is needed. Discuss and explain the basis for the decision; and
 5. Determine if the excessive flow problem is due to infiltration or inflow (or both) and decide the appropriate time period of the year to monitor the problem subsystems.

II. Define Infiltration/Inflow (I/I) Problem

Once problem subsystems are identified, a physical inspection, rainfall data, and rainfall simulation may be used to further define the I/I problem.

A. Physical Inspection

Conduct a physical inspection of the subsystem area that includes the following:

1. Inspect all manholes within the identified area. Descend manholes using a lamp system and inspect the manhole walls and floor for weeping water, mineral deposits, and sand/silt deposits. Inspect all construction and pipe materials for misalignment, structural deformities, etc.
2. Prepare a manhole inspection report. A manhole inspection report should contain the manhole number, size, type of pipe, structural condition, amount of deposit, root growth, and other miscellaneous information. The report should also contain a recommendation for the preferred cleaning method for each sewer section.
3. If groundwater infiltration is suspected to be a problem, groundwater gauges should be installed at manholes or at other sites to evaluate the groundwater conditions.
4. Measure early morning flows (between 2 a.m. to 5 a.m.) at key manholes and at upstream manholes to identify infiltration. The domestic flows will be minimal during these hours. Subtract approximated domestic flow from the actual flow measurements to determine infiltration.

B. Collection of Rainfall Data

Rain gauges should be installed at selected sites, (Augusta RWPS, Welcome Station, or mid-basin @ Rock Creek) either to provide raw data or to establish the basis for a

correlating analysis of various adjacent areas that have available rainfall data.

C. Rainfall Simulation

1. Perform rainfall simulation to identify sewer sections with I/I problems. The use of the following techniques is suggested:
2. Smoke test--A smoke test should be used to identify inflow sources such as catch basins, roof and other drains, crossing connections, manhole covers, and bad joints and leaks.
3. Dye test--A dye test should be used on ditches, streams, or storm sewers located above or crossing the sanitary sewer system.

III. Prepare Map and Field Report

1. After all the fieldwork is complete, locate and present all identified problem sewers and manholes on a map. The map should be color coded to identify pipe sizes, joint materials, and estimated quantity of I/I. The direction of sewer flow should also be indicated on the map.
2. Prepare a field inspection report. The inspection report should compile and analyze all data and information collected in the field. Include all backup information, such as field notes and measurements, a summary of defective manholes and pipes, an estimate of rehabilitation cost, and an estimate of I/I reduction.
3. Show sections of existing trunk main found deficient for full basin development needs. Rank the sections by their level of deficiency.

IV. Conduct a Cost-Effectiveness Analysis

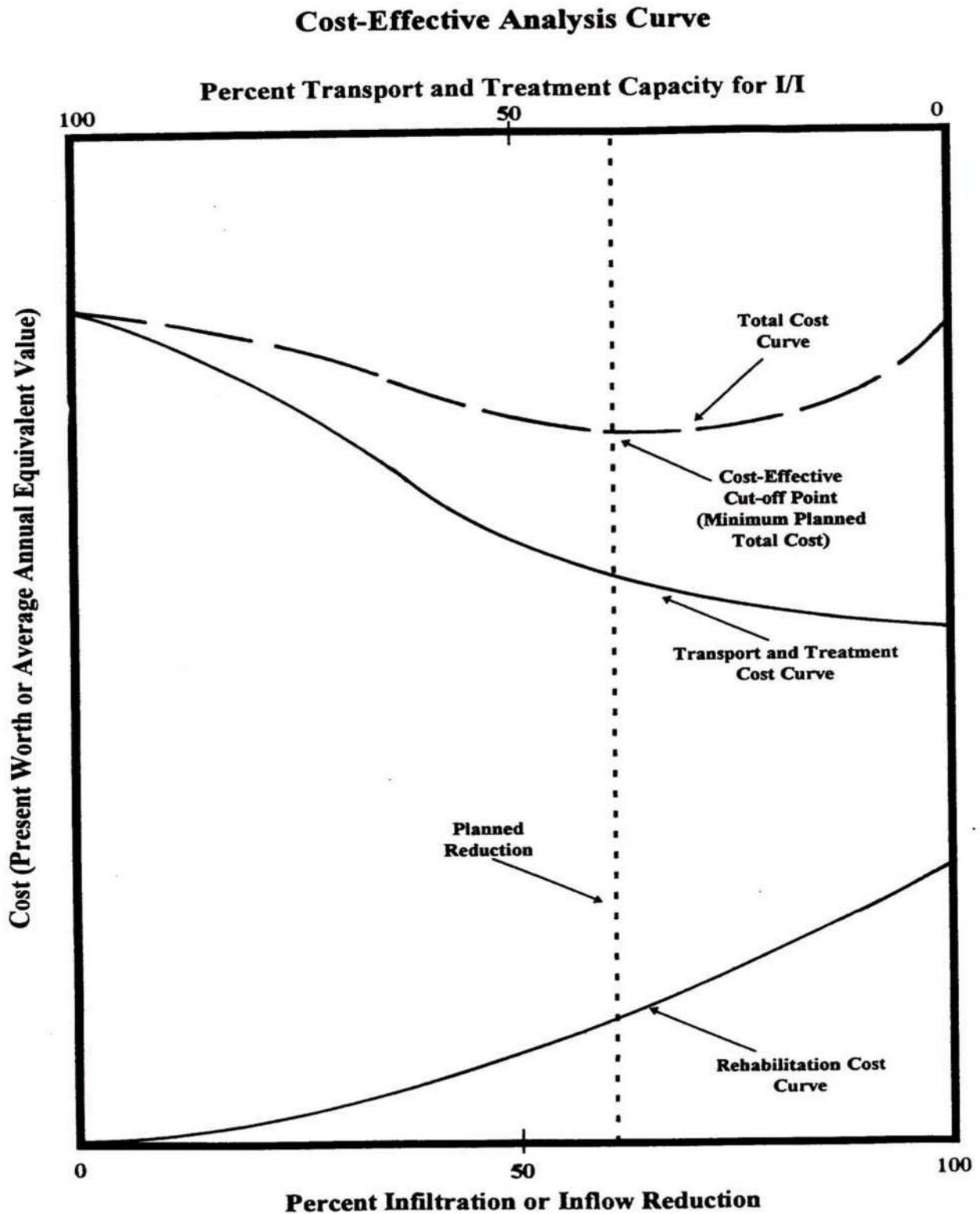
After all data and results have been analyzed and summarized, a cost-effective analysis must be conducted to determine the cost of eliminating I/I at various levels. The costs of I/I reduction should then be compared to the total cost of transportation and treatment of I/I flows at the treatment facilities. The total present worth or annual worth analysis shall be used to perform the cost comparison. For various levels of I/I removal, determine the:

1. Cost of transporting and treating existing I/I. Include capital costs (modifying transportation system, constructing treatment plant, replacing units, engineering, legal, administration, and contingency costs), operation and maintenance costs;

2. Cost of I/I reduction. Include rehabilitation, repair, replacement, and engineering costs; and
3. Total cost of transporting, treating, and reduction I/I. Plot the total costs associated with the various percentages of I/I reduction and determine the *cost-effective cutoff point*, the lowest cost point for I/I reduction (see attached Cost Effective Analysis Curve).

V. Prepare Survey Recommendations

1. Propose a rehabilitation program to deal with the cost effective reduction of I/I. Explain the basis for recommendations and include a short term and long term action plan and schedule.
2. Present a recommended sequence of upgrade to the trunk main based on the deficiency rank and present the limits of each section and the design criteria (pipe size and available slope for gravity relief, or for each section, the pipe size and available head for low pressure transport).



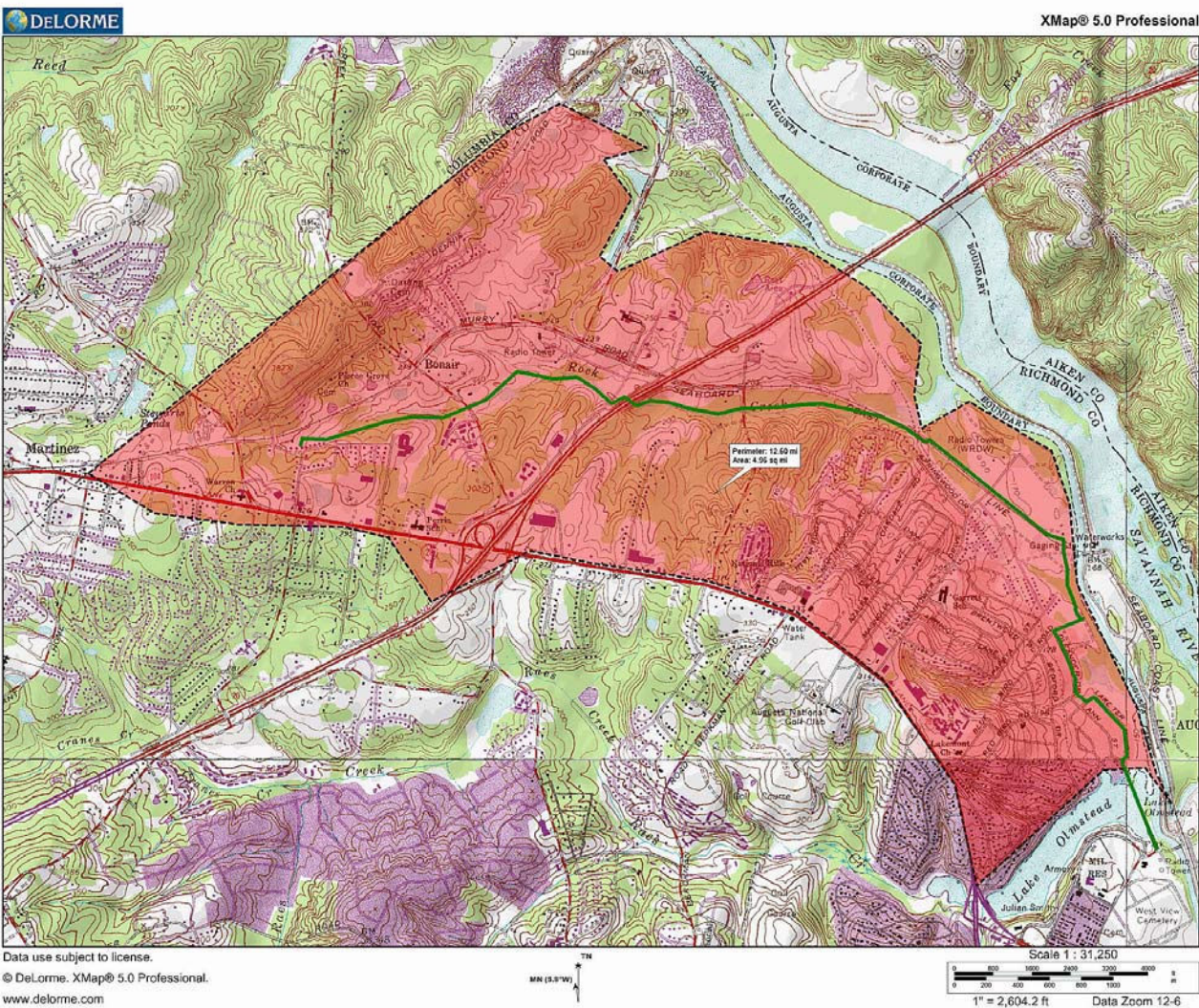


Figure 1 Rock Creek Basin and Trunk Sewer

AUGUSTA UTILITIES DEPARTMENT
Engineering Scope Document
ZEL Engineers
January 14, 2008

Description		Total Hours
BASE DATA		
Task	Management Hours	8
1	Existing capacity from records	18
2	Collect Land Use Plan	10
3	Identify developable tracts	14
4	Separate Basin into gravity Sub Basins	6
5	Obtain digital GIS information on the sewer system	22
	Sub Totals	78
EVALUATIONS		
	Management Hours	16
6	Determine proper density for future use	20
7	Determine design flow rates for contributing areas	16
8	Identify change of size locations	12
9	Identify changes in available slope	16
10	Cumulative design flows	12
11	Review and analyze existing flow records	16
12	Correlate rain gauge to available rainfall data	12
13	Conduct a Cost-Effectiveness Analysis	28
14	Identify problem subsystems	16
15	Determine if further study is needed.	12
16	Explain the basis for the decision	8
	Sub Totals	184
FIELD WORK		
	Management Hours	8
17	Flow Monitoring, key manholes	70
18	Prepare a manhole inspection report	20
19	Recommendation for the preferred cleaning method	12
20	Install groundwater gauges at manholes	28
21	Install Rain gauges	10
22	Smoke test	60
23	Dye test	60
	Sub Totals	268
REPORT PHASE		
	Management Hours	16
24	Describe the existing system and discuss its history	8
25	Prepare Map	46
26	Prepare Field Report	8
27	Describe short and long term goals	12
28	Propose Correction Program	20
29	Determine the sequence of upgrade	34
30	Prepare Basin Report	38
	Sub Totals	182
CLIENT COMMUNICATION		
	Management Hours	12
31	Progress Reports	20
32	Field visits	12
33	Questions and Answers	20
34	Project Management	16
	Sub Totals	80
	TOTALS	792

Reimbursable Costs

Figure 2 Estimate of Effort

Joseph J. Tankersley, P.E.
Jorge E. Jiménez, P.E.
Charles D. Drown, P.E.
John R. Evans, P.E.
John R. Armstrong, P.E., Retired
Ted W. Ellis, P.E., Retired

Founded 1946

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

Municipal Engineering
Water Plants - Distribution Systems
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Investigations - Planning Studies
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Industrial Parks - Land Development
Industrial - Medical - Commercial Facilities
Civil - Structural - Mechanical
Electrical - Instrumentation

March 26, 2008

Mr. N. Max Hicks, P.E., Director
Augusta-Richmond Co. Utilities Dept.
360 Bay Street, Suite 180
Augusta, GA 30901

RE: Rock Creek Basin Study
Professional Services Proposal

Dear Mr. Hicks:

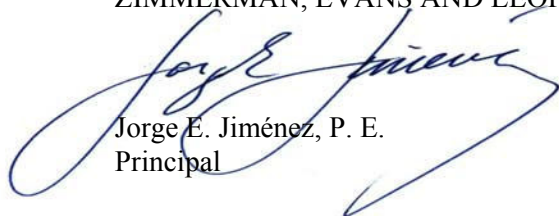
We are pleased to offer this proposal for professional services for the referenced project as requested by the Mr. Byne. We propose to execute the Plan of Study presented to AUD on January 14, 2008. The attached Professional Services Worksheet presents our estimates of manpower requirements and the costs of services, including:

- Compile and review all available Base Data
- Engineering and Economic Evaluations
- Field Monitoring and Inspections
- Report Presenting the Priorities and Recommendations
- Client Communications and Presentations
- All reimbursable expenses.

We propose to render the normal services listed for a lump sum fee of \$86,500. If you have any questions in this regard, please let us know.

Yours truly,

ZIMMERMAN, EVANS AND LEOPOLD, INC.



Jorge E. Jiménez, P. E.
Principal

JEJ:st

cc: Mr. Wes Byne, P. E., Assistant Director AUD, Engineering
Enclosure

AUGUSTA UTILITIES DEPARTMENT			
ROCK CREEK BASIN			
Engineering Scope Document			
ZEL Engineers			
March 26, 2008			
	Description	Total Hours	Task Cost
	BASE DATA		
Task	Management Hours	8	\$ 1,043.69
1	Existing capacity from records	18	\$ 1,474.22
2	Collect Land Use Plan	10	\$ 848.00
3	Identify developable tracts	14	\$ 1,487.26
4	Separate Basin into gravity Sub Basins	6	\$ 534.89
5	Review digital GIS information on the sewer system	22	\$ 1,616.16
	Sub Totals	78	\$ 7,004.22
	EVALUATIONS		
	Management Hours	16	\$ 2,087.38
6	Determine proper density for future use	20	\$ 2,044.59
7	Determine design flow rates for contributing areas	16	\$ 1,601.02
8	Identify change of size locations	12	\$ 1,157.45
9	Identify changes in available slope	16	\$ 1,601.02
10	Cumulative design flows	12	\$ 961.76
11	Review and analyze existing flow records	16	\$ 1,601.02
12	Correlate rain gauge to available rainfall data	12	\$ 961.76
13	Conduct a Cost-Effectiveness Analysis	28	\$ 2,931.73
14	Identify problem subsystems	16	\$ 1,601.02
15	Determine if further study is needed.	12	\$ 1,157.45
16	Explain the basis for the decision	8	\$ 713.89
	Sub Totals	184	\$ 18,420.13
	FIELD WORK		
	Management Hours	8	\$ 1,043.69
17	Flow Monitoring, key manholes	70	\$ 7,651.10
18	Prepare a manhole inspection report	20	\$ 1,587.98
19	Recommendation for the preferred cleaning method	12	\$ 1,157.45
20	Install groundwater gauges at manholes	28	\$ 2,995.71
21	Install Rain gauges	10	\$ 1,065.71
22	Smoke test	60	\$ 7,324.11
23	Dye test	60	\$ 7,324.11
	Sub Totals	268	\$ 30,149.87
	REPORT PHASE		
	Management Hours	16	\$ 2,087.38
24	Describe the existing system and discuss its history	8	\$ 713.89
25	Prepare Map	46	\$ 2,810.14
26	Prepare Field Report	8	\$ 713.89
27	Describe short and long term goals	12	\$ 1,157.45
28	Propose Correction Program	20	\$ 2,044.59
29	Determine the sequence of upgrade	34	\$ 2,624.89
30	Prepare Basin Report	38	\$ 3,068.46
	Sub Totals	182	\$ 15,220.69
	CLIENT COMMUNICATION		
	Management Hours	12	\$ 1,565.54
31	Progress Reports	20	\$ 2,044.59
32	Field visits	12	\$ 1,157.45
33	Questions and Answers	20	\$ 2,044.59
34	Project Management	16	\$ 1,601.02
	Sub Totals	80	\$ 8,413.20
	TOTALS	792	\$ 79,208.11
	Reimbursable Costs		
	Travel, 1000 miles @ \$0.42		\$ 420.00
	Equipment charges, 4@300*4 months		\$ 4,800.00
	Miscellaneous out of pocket		\$ 1,000.00
	Printing Costs		\$ 1,000.00
			\$ 7,220.00
	Program Total		\$ 86,428.11