



Engineering Services Committee Meeting Committee Room- 5/11/2009- 12:50 PM

ENGINEERING SERVICES

1. Approve the Guaranteed Maximum Price (GMP) in the amount of \$ ☐ [Attachments](#)
for Potts Construction to build the Augusta Judicial Center currently under construction.
2. Motion to advise the Augusta Commission of the possible need to notify certain users of the Augusta Canal to curtail water usage due to ongoing drought. (Approved by Engineering Services Committee April 29, 2009) (Referred from May 5 Commission meeting) ☐ [Attachments](#)
3. Approve Capital Project Budget and Supplemental Agreement Number Three as requested by the Engineering Department with Heath & Lineback Engineers, Inc. in the amount of \$64,580 for revisions extending the work on 15th Street from Broad Street to Reynolds Street; design of 14 additional retaining walls to minimize impacts to properties and 2 additional bridges; GDOT mandate to use a preapproved street lighting consultant for final street lighting plans; design of traffic signals at 3 additional intersections; and creation of final shop drawings on the St. Sebastian Way/Greene Street/15th Street project, CPB #324-041110-202824003. Funds are available in the project engineering account. ☐ [Attachments](#)
4. Motion to supplement the city's contract with Heery International in the amount of \$30,866 to cover the additional costs associated with installing bases and associated wiring to complete the street light upgrade of the 800 block of Telfair Street as requested by Traffic Engineering. ☐ [Attachments](#)
5. Award bid to L-J., Inc. (sole bidder) in the amount of \$196,120.72 for the removal and replacement of 200' of failed CMP at the Municipal Golf Course. Approve under emergency conditions as the pipe would only continue to fail while acquiring bids. The Contractor has been given a "Notice to Proceed" under an emergency basis. ☐ [Attachments](#)



**Engineering Services Committee Meeting
5/11/2009 12:50 PM
Approve GMP on Judicial Center**

Department: Public Services Department - Facilities Management Division

Caption: Approve the Guaranteed Maximum Price (GMP) in the amount of \$ _____ for Potts Construction to build the Augusta Judicial Center currently under construction.

Background: Potts Construction was selected under RFQ 07-180 as the Judicial Center Project's Construction Manager at Risk. This project is under construction at an accelerated pace to take advantage of current market conditions to arrive at the best product for the lowest cost. The estimated cost for construction has been refined as each step of the design is completed. The GMP is for the scope of work as originally defined upon issuance of the Notice to Proceed. There have been unforeseen conditions occurring during the site grading and underground work as is typical of any project in an urban setting in an older city. There are additional costs which will be incurred on these items.

Analysis: The proposed GMP has been reviewed and is consistent with the current market and owner instructions.

Financial Impact: The total construction contract amount will not exceed \$ _____

Alternatives: 1. Approve the Guaranteed Maximum Price (GMP) in the amount of \$ _____ for Potts Construction to build the Augusta Judicial Center currently under construction. 2. Do not approve the GMP.

Recommendation: #1. Approve the Guaranteed Maximum Price (GMP) in the amount of \$ _____ for Potts Construction to complete the Augusta Judicial Center currently under construction.

Funds are Available in the Following Accounts: FUNDS ARE AVAILABLE IN ACCOUNT:#325-05-1120/209251104 - Object Code 5413130

REVIEWED AND APPROVED BY:

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



**Engineering Services Committee Meeting
5/11/2009 12:50 PM**

Notification of Augusta Canal Users of Possible Need to Curtail Water Use

Department:	Utilities
Caption:	Motion to advise the Augusta Commission of the possible need to notify certain users of the Augusta Canal to curtail water usage due to ongoing drought. (Approved by Engineering Services Committee April 29, 2009) (Referred from May 5 Commission meeting)
Background:	The Augusta Utilities Department advised the Commission, in October 2008, of the need to notify certain users of the Augusta Canal to curtail water usage due to a shortage of water in the Savannah River system resulting from the ongoing drought. At that time, AUD advised that the Canal user being asked to cease withdrawing water was Avondale Mills, Inc. At that same briefing, we also noted that if drought persisted, other Canal users would be affected and would be required to curtail as well. In November 2008, the U S Army Corps of Engineers reduced the releases of flows from Thurmond Dam from 3600cfs to 3100cfs. Although the flows in the river have returned to 3600cfs that flow rate is not sufficient for the demands of all the mills and the water necessary to provide water for the public water system as the demands increase through the summer months.
Analysis:	As the demand for the public water increases in the upcoming summer months, the flows allocated to the Augusta Canal users will not be sufficient for all users assuming the Corps of Engineers limits the flows in the Savannah River due to the ongoing drought. In accordance with contracts with the canal water users, Augusta has precedence over use of all other users. In order of curtailment, the first user to be restricted will be Avondale Mills, Inc., the second will be Enterprise Mill, LLC and the third will be Standard Textile Augusta, Inc.
Financial Impact:	This agenda item is for informational purposes. No funds are being requested.
Alternatives:	No alternatives are recommended.
Recommendation:	We recommend the Commission be advised of the possible need to notify certain users of the Augusta Canal to curtail water usage due to ongoing drought.
Funds are Available in the Following Accounts:	This agenda item is for informational purposes. No funds are being requested. Item # 2

REVIEWED AND APPROVED BY:

Clerk of Commission



Engineering Services Committee Meeting
5/11/2009 12:50 PM
St Sebastian Way/Green St/15th St CPB-SA3

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

Caption: Approve Capital Project Budget and Supplemental Agreement Number Three as requested by the Engineering Department with Heath & Lineback Engineers, Inc. in the amount of \$64,580 for revisions extending the work on 15th Street from Broad Street to Reynolds Street; design of 14 additional retaining walls to minimize impacts to properties and 2 additional bridges; GDOT mandate to use a preapproved street lighting consultant for final street lighting plans; design of traffic signals at 3 additional intersections; and creation of final shop drawings on the St. Sebastian Way/Greene Street/15th Street project, CPB #324-041110-202824003. Funds are available in the project engineering account.

Background: This is a Georgia Department of Transportation (GDOT) project that will extend St. Sebastian Street on new location from Walton Way to Riverwatch Parkway and provide connectivity to Broad Street. The Engineering Department is responsible for development of the Preliminary Engineering activities with reimbursement from GDOT equal to 80%. The Engineering Department hired the firm of Heath & Lineback Engineers, Inc., to develop the Preliminary Engineering activities. GDOT is reimbursing the Engineering Department for the right of way acquisition costs and is funding the construction cost. The project was awarded to Sunbelt Structures, Inc. on April 9, 2008 at the low bid of \$30,306,988.79.

Analysis: The Notice to Proceed to begin the preliminary engineering activities on this project was issued to Heath & Lineback on February 10, 2000 and was scheduled to be completed in 2004. The original scope of work was based on the design of 4 bridges and 4 retaining walls. The final design for this project involved 6 bridges (increase of 2) and 18 retaining walls (increase of 14). The additional retaining walls minimized impacts to property owners. The original scope of work on 15th Street was from Butt Memorial Bridge to Broad Street. The revised, approved limits of work on 15th Street were extended to Reynolds Street. This included 3 additional intersections which had to have their traffic signals redesigned to accommodate the additional traffic lanes. When the original scope of work was agreed upon, it was not a GDOT requirement that the street lighting design consultants had to be preapproved by GDOT. GDOT changed its guidelines concerning this late in the schedule of this project. The street lighting sub-consultant that Heath & Lineback was originally using was not on the GDOT prequalified list. Heath & Lineback had to change to a street lighting design consultant that was prequalified with GDOT which resulted in additional compensation costs that were not budget for by Heath & Lineback. The changes to the original scope of work have also created additional shop drawing review costs.

Financial Impact:

Heath & Lineback, Inc. has proposed a total cost of \$64,580 for these additional services. \$32,092 for the design of 2 additional bridges, 14 additional retaining walls and the costs associated with extending the 15th Street project limits to Reynolds Street; \$17,000 in additional funds to reimburse the GDOT mandated street lighting design consultant; and \$15,488 in additional shop drawing costs. On March 13, 2009 GDOT agreed to reimburse the Engineering Department 80% of all of the costs except for the \$15,488 for the review of the shop drawings. GDOT advised that cost will be considered when the actual invoices are submitted for payment.

Alternatives:

1) Approve Capital Project Budget and Supplemental Agreement Number Three as requested by the Engineering Department with Heath & Lineback Engineers, Inc. in the amount of \$64,580 for revisions extending the work on 15th Street from Broad Street to Reynolds Street; design of 14 additional retaining walls to minimize impacts to properties and 2 additional bridges; GDOT mandate to use a preapproved street lighting consultant for final street lighting plans; design of traffic signals at 3 additional intersections; and creation of final shop drawings on the St. Sebastian Way/Greene Street/15th Street project, CPB #324-041110-202824003. Funds are available in the project engineering account. 2) Do not approve the request and jeopardize any future business opportunities with this reputable Engineering Firm.

Recommendation:

Approve Alternative Number One.

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

324-041110-5212115/202824003-5212115

REVIEWED AND APPROVED BY:

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

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

**AUGUSTA, GEORGIA
ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

**ARC PROJECT NO.: 324-04-202824003
GDOT PROJECT NO.: DE-00MS (389) PI 262750
SUPPLEMENTAL AGREEMENT NO.: 3
P.O. 18820**

WHEREAS, We, **Heath & Lineback Engineers, Inc.**, Consultant, entered into a contract with Augusta-Richmond County on February 7, 2000, for engineering design services associated with the **St. Sebastian Way/Greene Street/15th Street**, Project 324-04-202824003 - DE-00MS (389), File Reference No. 08-014 (A), and

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

Revisions extending the work on 15th Street from Broad Street to Reynolds Street; design of 14 additional retaining walls to minimize impacts to properties; GDOT mandate to use a preapproved street lighting consultant for final street lighting plans; design of traffic signals at 3 additional intersections; and the extra work referenced above has created additional expenses for final shop drawings.

It is agreed that as a result of the above described modification the contract amount is increased by \$64,580 from \$1,408,931.24 to a new total 1,473,511.24.

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

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

This _____ day of _____, 2008.

RECOMMEND FOR APPROVAL:

 CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Mayor

Approved: Date _____

ATTEST:

Title: _____

Approved: Date _____
[ATTACHED CORPORATE SEAL]

ATTEST:

Title: _____

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

Augusta-Richmond County, Georgia

CPB# 324-041110-202824003

**CAPITAL PROJECT BUDGET
ST. SEBASTIAN WAY EXTENSION IMPROVEMENTS
CHANGE NUMBER TWO (SA #3)**

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

Section 1: The project change is authorized to CPB#324-041110-202824003. The funding for this project is for revisions extending the work on 15th Street from Broad Street to Reynolds Street; design of 14 additional retaining walls to minimize impacts to properties and 2 additional bridges. Funding for this project is available in SPLOST IV.

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

Special 1% Sales Tax, Phase III	\$ 1,163,986
Special 1% Sales Tax, Phase IV	\$ 3,060,000
	<u>\$ 4,223,986</u>

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

	By Basin		By District
Varies	\$4,223,986	Varies	\$ 4,223,986

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

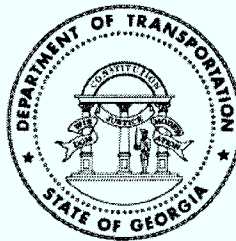
Augusta-Richmond County, Georgia

CPB# 324-041110-202824003

**CAPITAL PROJECT BUDGET
ST. SEBASTIAN WAY EXTENSION IMPROVEMENTS
CHANGE NUMBER TWO (SA #3)**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT</u> <u>CPB</u>	<u>CPB</u> <u>CHANGE</u>	<u>NEW</u> <u>CPB</u>
SPLOST, URBAN PHASE III 327-041110-6011110	(\$1,163,986)	\$0	(\$1,163,986)
SPLOST, URBAN PHASE IV 324-041110-6011110		(\$3,060,000)	(\$3,060,000)
TOTAL SOURCES:	(\$1,163,986)	(\$3,060,000)	(\$4,223,986)
<u>USE OF FUNDS</u>			
ENGINEERING 323-041110-5212115/296812003	\$1,163,986	\$0	\$1,163,986
ENGINEERING 324-041110-5212115/202824003		\$360,000	\$360,000
RAILROAD PERMIT 324-041110-5414810/202824003		\$150,000	\$150,000
RIGHT OF WAY 324-041110-5411120/202824003		\$2,300,000	\$2,300,000
UTILITIES 324-041110-5414510/202824003		\$250,000	\$250,000
TOTAL USES:	\$1,163,986	\$3,060,000	\$4,223,986

Gerald M. Ross, P.E., Commissioner/Chief Engineer



DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW
Atlanta, Georgia 30308
Telephone: (404) 631-1000

March 13, 2009

DE000-00MS-00(389) Richmond County
St. Sebastian Way from Walton Way to Riverwatch Parkway Including
A Grade Separation with CSX Railroad
P.I. No. 262750

David O. Griffith, Acting Project Manager
Augusta Engineering Department
522 Greene Street
Augusta, Georgia 30901

Dear Mr. Griffith:

This office apologizes for the tardiness of this response. This office has reviewed Heath & Lineback's letter requesting additional fees for the above noted St. Sebastian project that was attached in your e-mail dated November 11, 2008 and with your letter dated November 21, 2008. In your e-mail you fully concurred with the information provided by Heath & Lineback and you recommended the full reimbursement. This office agrees to the reimbursement of costs already incurred by the consultant, but not to the "anticipated" costs to finish the shop drawing reviews.

In response to Heath & Lineback's request to be reimbursed for \$17,000 paid to Womack & Associates for their work on the final lighting plans because "late in the project GDOT required them to use a GDOT preapproved lighting consultant [after they had exhausted their budget for lighting plans]". This office agrees to reimburse the City for 80% of the \$17,000 (\$13,600) because consultants were not required by the Department to be prequalified in class 3.15 Highway Lighting until July 10, 2001, which was after the execution of the Project Framework Agreement (PFA) between the City and the Department dated January 5, 1999.

In response to Heath & Lineback's request for additional fees in the amount of \$30,438 for the additional scope of work, this office agrees to reimburse the City for 80% of the \$30,438 (\$23,350.40). However before the funds can be disbursed, the City must submit an invoice for the total amount of reimbursement agreed to by the Department in this letter, along with the usual certification that the City has already paid the consultant. The invoice must show the original amount (100%) in addition to the 80% amount that is reimbursable.

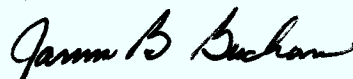
In response to Heath & Lineback's request for an additional \$15,488 for "anticipated" costs to finish the shop drawing reviews, the Department does not pay for anticipated costs, only for costs that have actually been incurred. If however the consultant has incurred expenses for the review of shop drawings to date,

David O. Griffith
DE000-MS00-00(389) Richmond County
P.I. No. 262750-
Page 2

then please submit those expenses for review. Please know there is a cap on the amount the Department can reimburse for this project and once that cap is reached, a Stop Work Notice will be issued to the City.

Once this office receives the invoice it will be processed expeditiously. If there are any questions, please contact me at 404-631-1700 or the project manager, Jan C. Hilliard at 404-631-1679.

Sincerely,



James B. Buchan, P.E.
State Urban Design Engineer

JCH
JBB: JCH

Cc: Abie L. Ladson, P.E., Director, Augusta Engineering Department



ENGINEERING DEPARTMENT

Abie L. Ladson, PE, Director

Anthony (Tony) Williams,
Construction Manager

November 21, 2008

emailed 12/1/08

Ms Jan Hilliard, Design Team Manager
GDOT, Office of Urban Design
600 West Peachtree Street, NW
27th Floor
Atlanta, GA 30308

Subject: St. Sebastian Way/Greene Street/15th Street
ARC Project Numbers: 327-04-296812003
GDOT Project Number: DE-00MS (389), PI 262750
File Reference Number: 08-014 (A)

Dear Ms. Hilliard:

The Engineering Department received a request dated November 3, 2008 from Heath & Lineback Engineering, Inc. for reimbursement of expenditures on the referenced project. The request is for reimbursement of activities that they consider outside of the original scope of the contract. The request is for \$64,580 and the items are listed below.

- Original limits of work associated on 15th Street were from Butt Memorial Bridge to Broad Street: *former Director of the Engineering Department Teresa Smith verbally advised John Heath, President of Heath & Lineback, to extend the limits to Reynolds Street during the Stakeholder Meetings phase of this project. The purpose of the extension was to eliminate potential traffic flow problems for the 15th Street thru movement to Reynolds Street. This was included as part of the Concept Report that was approved by GDOT Management on March 4, 2003. \$45,926 (includes the cost for the second bullet)*
- Addition of 14 retaining walls: *The original contract stated that 4 retaining walls would be constructed. To minimize impact to properties which helped reduce the cost of the right of way acquisition, 14 additional retaining walls were added. Heath & Lineback had discussions with former State Urban Design Engineer Joe Palladi about these walls and concurrence was given for the additional walls to be incorporated into the project. (cost is included in the first bullet)*
- GDOT preapproved lighting consultant for final lighting plans: *The city and Heath & Lineback entered into an agreement for professional design and engineering services on this project on February 7, 2000. It was the understanding of both parties at the time that the lighting sub did not have to be preapproved by GDOT. The criteria changed*

Ms Jan Hilliard
November 21, 2008
Subject: St. Sebastian Way/Greene Street/15th Street
Page 2

- *sometime during the life of this project but neither party was aware of the change. The design of the lighting was one of the final activities to occur. During this time, Heath & Lineback was advised by GDOT that they would have to use a GDOT preapproved lighting consultant. Because of the tightness of the schedule and the importance of project delivery, Heath & Lineback assumed the responsibility of selecting a GDOT preapproved lighting consultant without seeking formal approval of the Engineering Department concerning this selection. Heath & Lineback did make the Engineering Department aware of this and the Engineering Department verbally concurred with this decision. \$17,000*
- *Traffic Signal design for 3 additional intersections: the extension of the work limits on 15th Street from Broad Street to Reynolds Street involved the intersections of 15th/Broad Street, 15th Street/Jones Street and 15th Street/Reynolds Street. Signal studies for these intersections were not included in the original contract that was executed by the city and Heath & Lineback on February 7, 2000. \$1,654*

As you are aware, GDOT and the city entered into an agreement on January 5, 1999 which stated that the city would be reimbursed for 80% of the preliminary engineering costs. This is requesting concurrence from GDOT that the city will be reimbursed for 80% of this cost. Attached for your information is the letter from Heath & Lineback dated November 3, 2008 and the data they submitted to support their request.

Thank you for your consideration of this matter and please call me at 770-862-4024 if any additional information is needed.

Sincerely,



David O. Griffith
Acting Project Manager

Attachments

cc: Abie Ladson, P. E., Director, Engineering Department
Hameed Malik, PhD., P. E., Assistant Director, Engineering Department
Jim Williamson, Land Acquisition Manager, Engineering Department
Steve Cassell, P.T.O.E., P. E., Traffic Engineer, Engineering Department
Tony Williams, Construction Manager, Engineering Department
Preconstruction File



Heath & Lineback Engineers I N C O R P O R A T E D

2390 CANTON ROAD • BUILDING 200 • MARIETTA, GEORGIA 30066-5393

e-mail: hle@heath-lineback.com

(770) 424-1668 • Fax (770) 424-2907

November 3, 2008

Mr. Abie L. Ladson, P.E.
City of Augusta Public Works and
Engineering Department
505 Telfair Street
Augusta, Georgia 30901

RE: St. Sebastian Way; Augusta Richmond County, DE000-00MS-00(389)
PI Number 262750
Request for Additional Fee

Dear Abie:

Please find enclosed a request from Heath & Lineback Engineers and their subconsultants, for additional fee on the referenced project.

The original scope and schedule for the project was written in 1999 with an estimated project completion in 2004. The estimate was based on a total of 4 bridges and 4 retaining walls. As you know the design for this project was not completed until January of 2008 and included 6 bridges and 18 walls. This project experience significant scope creep in the concept phase which resulted in Heath & Lineback having to request an additional \$56,499 and \$35,400 for our subconsultants in 2004 and 2005, please see attached copies of the original requests. These amounts were approved, billed, paid and Heath & Lineback promptly reimbursed our subconsultants for the total amount of the change orders.

The original project limits on 15th Street were from Butt Memorial Bridge to Broad Street. This was extended to include the entire length of 15th Street to Reynolds Street. Also, based on comments in the concept phase, Heath & Lineback added 14 retaining walls to keep construction limits off of adjacent properties. Late in the project, GDOT required Heath & Lineback to use a GDOT preapproved lighting consultant for final lighting plans. This was not part of the original contract and was requested after we had exhausted our budget for lighting plans. This resulted in an additional \$17,000 in charges to hire a lighting consultant based on their current charges and required site visits with estimated expenses. We also incurred an additional \$1,654 in charges from our traffic signal designers for the design of three additional intersections on 15th Street. (Backups of subconsultant charges are attached). We are therefore requesting an additional \$18,654 for work performed by subconsultants.

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NOV 10 2008

Augusta, GA.
Engineering Department
Item # 3

Heath & Lineback Engineers

Mr. Abie L. Ladson
November 3, 2008
Page 2

The cost overruns Heath & Lineback incurred due to the additional scope of work are approximately \$30,438 with an additional \$15,488 anticipated to finish shop drawing review. The attached cost estimate summarizes our costs associated with the out of scope work with invoices attached from our two subconsultants who have not been paid as of yet. The total dollar amount we are requesting to cover our expenses is \$64,580.

Based upon significant changes to the scope of work for the project, and the increased length of the project schedule which led to us accepting many years of pay escalations we believe that this request is fair and reasonable.

Very truly yours,
Heath & Lineback Engineers, Inc.



John A. Heath, PE
President

Enclosure(s)

- H&L's correspondence requesting additional fee (*dated: 2/16/2004 & 2/2/2005*)
- H&L's Cost Estimate for Shop Drawing Review
- Project Cost Summary Sheet
- Street Smarts Invoice
- Womack & Associates Invoice

Cost Estimate

Augusta Richmond County

Project # DE000-00MS-00(389)

Date: 10/30/2008

Heath & Lineback Engineers, Inc.

Project: St. Sebastian Way/Greene Street Extensions PI Nos: 262750
RICHMOND COUNTY

Phase: Shop Drawing Review

Phase No: 7

Direct Labor Costs				
Personnel	Est Hours	Rate/Hr	Cost (\$)	Totals
Principal-in-Charge	7	\$58.00	\$406	\$406
Project Manager	38	\$42.00	\$1,596	
Senior Engineer	46	\$35.00	\$1,610	
Engineer	60	\$26.00	\$1,560	
Technician	0	\$23.00	\$0	
Project Administrator	0	\$27.00	\$0	
Subtotal	144			\$4,766
Total Direct Labor				\$5,172
Overhead (Indirect Cost on Labor Above)				150.00%
Labor X Overhead Rate = Overhead Cost (\$)				\$7,758
Total Direct Labor Plus Overhead				\$12,930
Other Direct Costs				
CADD Utilization	0	hrs @	\$0.00	\$0
Mail / Fedex / Courier				\$540
Reproduction				\$78
Supplies				\$0
Phone				\$0
Travel	0	Miles @	\$0.405	\$0
Travel Expenses (Parking, Meals, etc.)				\$0
StreetSmarts				\$0
Womack & Associates				\$0
				\$0
				\$0
Total Direct Costs				\$618
Total Estimated Cost				\$13,548
Profit	15.00%			\$1,940
Maximum Amount of Contract Proposal				\$15,488

Project Cost Summary

Original Lump Sum (1999)	\$1,317,032.47
Addendum 1	\$ 56,498.77
Addendum 2	\$ 35,400.00
Total Agreed Contract	\$1,408,931.24
Total Paid to Subs	\$ 593,053.96
Total Paid Direct Reimbursement	\$ 4,386.92
Total Labor & Overhead(Incurred Cost)	\$ 841,928.83
Total Project Cost	\$1,439,369.71
Overage	\$ 30,438.47

Summary Of Addendum Request

Lighting Consultant (Womack)	\$ 17,000
Traffic Signal Consultant (StreetSmarts)	\$ 1,654
H&L Costs (Actual Over Amount)	\$ 30,438
H&L Costs (Shop Drawing Review)	\$ 15,488
Total Addendum Request	\$ 64,580

RECEIVED

JAN 25 2008



Planning • Transportation Engineering • Surveying

Attachment number 1
Page 12 of 13

HEATH & LINEBACK ENGINEERS, INC.

15 January 2008

Mr. John Heath
Health & Lineback Engineers, Inc.
12 Powder Springs Street
Suite 240
Marietta, GA 30064-3286

Remit To:
Street Smarts
3090 Premiere Parkway
Suite 200
Duluth, GA 30097
Attn: Accounting

INVOICE

Invoice Number: 04-721-14-5

Project: St. Sebastian Way / Greene St / River^{town} Parkway
Project #DE-OOMS(239), Augusta, Georgia

Dates covered by invoice: 4 April 2005 through 31 December 2007

Fee:

Task 3: Signal Design

Lump Sum

100% Complete

Less Previously Billed:

Subtotal

Task 4: Signal/Interconnect Plans

Lump Sum

100% Complete

Less Previously Billed:

Subtotal

Subtotal

Total Amount Due

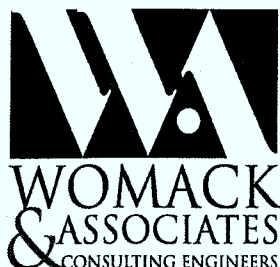
\$ 1,653.98

Direct Expenses: None

Job #	
APPROVED	JAH
	Project Manager
	LMR
Phase	

Respectfully submitted,

John Karnowski, P.E., PTOE
Director, Traffic & Transportation



RECEIVED

JAN 4 2008

HEATH & LINEBACK ENGINEERS, INC.

4200 Perimeter Park South
Suite 225
Atlanta, Georgia 30341
770-458-3005
Fax 770-458-8388

Mr. Tom Barwick
Heath & Lineback Engineers, Inc.
2390 Canton Road, Building 200
Marietta, Georgia 30066

Invoice No. 07083-1
Project: Augusta Streetscapes
Electrical Design
Date: December 31, 2007

Invoice

For work in progress thru the 100% Electrical Design Submittal for Review, Permitting and Construction on December 14, 2007.

Fee:	Electrical Design	Lump Sum	\$ 14,520.00
	Electrical Shop Drawing Review	Lump Sum	\$ 750.00
	Site Observations - As Requested - \$ 1,200.00 / Review plus expenses		

Fee Earned:

Electrical Design:

\$ 14,520.00 X 1.0 = \$ 14,520.00

Amount Due -- \$ 14,520.00

Job #	9042	
APPROVED Sub	JAH	
	Project Manager	TNB
	LMR	Jmyl
Phase	5	

1/7/08 - Hold per TNB note
City of Augusta
authorizes Supplemental
(Pine)



**Engineering Services Committee Meeting
5/11/2009 12:50 PM
Supplemental Agreement for Street Lights along Telfair Street**

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

Caption: Motion to supplement the city's contract with Heery International in the amount of \$30,866 to cover the additional costs associated with installing bases and associated wiring to complete the street light upgrade of the 800 block of Telfair Street as requested by Traffic Engineering.

Background: The library construction project on the corner of James Brown Boulevard and Telfair Street currently includes streetlight upgrades along the frontage of only the library property. This supplemental agreement would provide for installation of concrete bases and associated wire to continue this upgrade for the remainder of the block. Richmond County forces would then install the new light poles and fixtures.

Analysis: Upgrade would reduce maintenance and result in a uniform streetlight system along the 800 block of Telfair Street.

Financial Impact: Based on the cost estimate provided by Heery and their subcontractors, the cost of providing the bases and associated wiring is \$30,866

Alternatives: 1) Approve the proposed supplement. 2) Do not approve.

Recommendation: Approve option 1.

Funds are Available in the Following Accounts: 276-041610-5414410

REVIEWED AND APPROVED BY:

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

**AUGUSTA RICHMOND COUNTY CAPITAL IMPROVEMENTS, HEERY
INTERNATIONAL, PROGRAM MANAGER**

March 19, 2009

Mr. Charles Gifford
Augusta Richmond County Traffic Engineering

Re: Additional Street Lights

Dear Charles,

Below you will find the cost proposal you requested for the installation of new street lights along the north side of Telfair Street between the New Library east property down to the intersection of Telfair and Eighth Streets. I have provided a drawing (E1.1, Det. 2/E1.1) which shows the detail of the street light base.

Architectural/Engineering Services

\$3,000

Fee includes the following:

- a. Survey of the affected areas
- b. Layout of new street lamps
- c. Electrical engineering and detailing
- d. Construction documents.

Construction/Installation

\$27, 866

Fee includes the following:

- a. Installation of seven (7) light bases.
- b. All wiring associated with new lights.

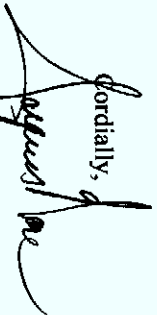
Total Proposed Fee:

\$30,866.00

Proposed cost does not include purchase and installation of light fixtures and poles.

All work will be done in conjunction with the New Library construction.

Feel free to call me if you have questions.

Sincerely,


Jacques Ware
Heery/DED

Project Manager
Augusta Richmond County
Capital Improvements Program Management
501 Greene Street
Augusta, GA 30901

Office: 706.842.5558

Fax: 706.821.2484

Email: jware@augustaga.gov

CC: Steve Cassells, ARC Traffic Engineering
Samuel Beard, Studio 3 Design Group
Jim Cely, RW Allen, LLC

THE SACK COMPANY

February 26, 2009

Project: East Central Georgia Regional Library

Mr. Jim Cady
R. W. Allen, LLC
Post Office Box 2406
Augusta, GA 30901

Re: Change Order Proposal - RFQ No. 005
Additional Street Lights

Dear Jim:
Per RFQ No. 005 dated February 12, 2009 regarding additional street lights along the north side of Telfair Street. Lights will be installed from the east property of the library to the intersection of 8th and Telfair. The cost of this work is \$41,689.00. If we are to proceed with this, please issue a change order for this amount. Our material and labor breakdown is as follows:

Labor	Material	Rental and Permits
402 Man Hours	\$18,361.16	\$4,446.59
x \$20.00 Per Hour	x1.07 Tax	x1.07 Tax
x 1.35 WC/SS	x1.20 OH/Profit	x1.10 OH/Profit
x1.20 OH/Profit		
\$13,024.80	\$23,573.73	\$5,089.07
Total	\$41,689.00	

Price Includes: Seven (7) Type "S" fixtures as shown on drawing E1-1 installed at approximately same spacing as 5 fixtures shown on Telfair from 9th street to the east property of the library. If more fixtures are required it will be an additional expense. These fixtures are being fed from the same source on the adjacent corner of 9th and Telfair at the existing street lighting service panel.

Labor is figured at regular working hours which is Mon-Thurs 7:00am-4:30pm, and Friday 7:00am-11:00am.

* This work must be done in conjunction with fixtures already to be installed on Telfair Street

Price Excludes: Replacement of sidewalk.

Any additional cost associated with locating or relocation of existing utilities along Telfair (other than Georgia Utility Dig Locates)

Feel free to call if you have any questions.

Sincerely,
Seth Yawn
Electrical Estimator

electrical • refrigeration • hvac • process piping • plumbing • millwrights • energy management • contractors • riggers

3302 Zell Miller Parkway
Statesboro, GA 30458

(912) 871-8771
Front Office Fax: (912) 681-6001

Electrical Fax: (912) 681-4517
Mechanical Fax: (912) 681-6317

Post Office Box 528
Statesboro, GA 30459

Jacques Ware

From: Charles Gifford
Sent: Wednesday, February 11, 2009 3:53 PM
To: Jacques Ware
Subject: RE: New Library: Street Lighting

I have talked with Steve Cassell (Asst Director), we will need a total cost. We have identified a funding source and await your estimate.

From: Jacques Ware
Sent: Wednesday, February 11, 2009 3:29 PM
To: Charles Gifford
Subject: New Library: Street Lighting

Charles,

Just to recap our telephone conversation today pertaining to street lighting for the Library Project along with your request for an estimate for additional work along Telfair Street.

Item # 4

1. Augusta Richmond County (ARC) will reinstall the street lights along James Brown Blvd between Telfair and Greene Sts.
2. The contractor(RW Allen) will find the location for the street light that was removed prior to the demolition of the carwash located at James Brown Blvd and Greene St.
3. The contractor will install the stub-up for the new street lights along Telfair St. which is in the scope of the library project. A power source will be provided for new lights along Telfair from east of the library property to 8th St. ARC will install the poles along Telfair St for both the library scope and from east of the library property to 8th St.
4. The project will provide an estimate to ARC for engineering services, possible survey of area, base purchase and installation along with wiring purchase and tie-in to the new street lights east of the library property.

Charles, please let me know if you are willing to or have the funds available to perform the work identified. It can become risky business when work has to be done beneath grade. That is the reason I would recommend a survey of the area east of the library property to 8th St.

Cordially,

Jacques Ware
Project Manager, Heery/DED
Augusta Richmond County
Capital Improvements Program Management
501 Greene Street
Augusta, GA 30901
(706)842-5558 Office
(706)825-8132 Cell
(706)821-2484 Fax
jware@augustaga.gov

HEERY**Request For Quote****Project** [0400101 - Task 05] - ARC - Task 05 - Main **View Date** 2/12/2009
LibraryHeery International, Inc. (Dukes Edwards & Dukes -
Subconsultant)

501 Greene Street

Augusta, GA 30901

Phone: (706) 842-5559

Fax: (706) 821-2484

RFQ No. 005**Date** 2/12/2009
Cost Event No.**Status****New****Description** Additional Street Lights

Item # 4

From Jacques Ware**To**

Dee Bealrd

Heery International, Inc. (Dukes Edwards &
Dukes - Subconsultant)Studio3 Design Group
1617 Walton Way

501 Greene Street

Augusta, GA 30904

Augusta, GA 30901

Phone: (706) 667-9784

Phone: (706) 842-5559

Fax: (706) 667-9786

Fax: (706) 821-2484

Funded By**Response Due**

3/2/2009

Ref No.**Date****Returned Date**☐ Self-Performed**Long
Description**

Dee,
Could you please provide me with an estimate for adding lights on the north side of Telfair Street. Lights will be installed from the east property of the library to the intersection of 8th and Telfair. It may be possible to continue with power from our eastmost street light on Telfair to the street light locations in this proposal.

This effort is not funded through the Library Project but is with Augusta Richmond County.

Ref dwg: E1.1 Detail 2/E1.1 - Base detail and the Base Finish Note shall be used for estimating purposes.

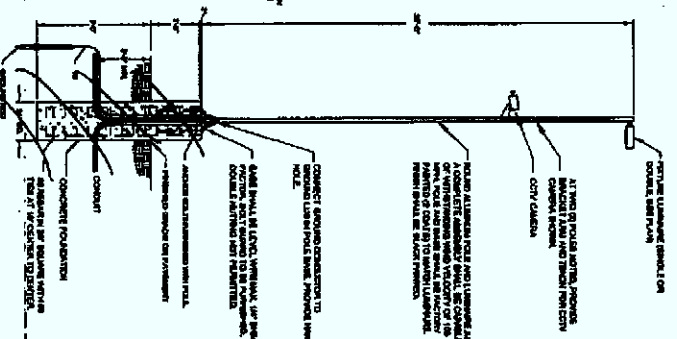
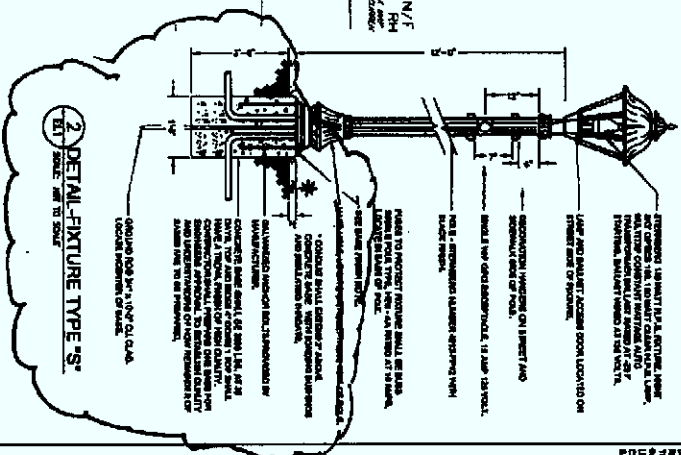
Scope of Work

Provide an estimate for the following:

- 1) A/E Services
 - 2) Construct concrete base for street lights.
 - 3) Provide electrical conduit, wiring tie-in and stub-ups for each street light base.
- Installation of light poles and fixtures will be provided by others.

Total

-

[illegible]

**CRAIG
GAULDEN
DAVIS**
architects
planning
interiors

IN ASSOCIATION WITH

studio
design group
1617 WALTON WAY
ALBUQUERQUE, NM 87104

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ELECTRICAL SITE PLAN

NEW PLAN FOR THE EAST CENTRAL GEORGIA REGIONAL LIBRARY

TELFAR & NINTH STREET
AUGUSTA, GA

MEMBERS OF THE
AMERICAN INSTITUTE OF ARCHITECTS

W. A. Todd Engineers, Inc.
1000 North Main Street, 10th Floor
CIVIL ENGINEERING

James Mc Simpson & Associates, Inc.
1000 North Main Street, 10th Floor
STRUCTURAL ENGINEERING

Thywell, Powell and Associates, Inc.
1000 North Main Street, 10th Floor
MECHANICAL AND PLUMBING ENGINEERING

Projected Design Consultants
1000 North Main Street, 10th Floor
ELECTRICAL ENGINEERING

MECHANICAL AND PLOTTING ENGINEERING
Floorplan Design Consultants
1501 Street St., Suite 201, 06101
ELECTRICAL ENGINEERING

PROJECT NUMBER		200807
DRAWN BY: <u>ALD</u>	REVISIONS	
CHECKED BY: <u>MAP</u>	_____	
ISSUE DATE: <u>04/04/08</u>	_____	
PLAT DATE: <u>04/04/08</u>	_____	
E1.1		

E1.1

MAR 16 2009

March 12, 2009

Mr. Jacques Ware
Capital Improvement Program Management
Augusta-Richmond County
501 Greene Street – Suite 313
Augusta, GA 30901

Re: East Central Georgia Regional Library
Augusta, Georgia

Dear Jacques:

Thank you for considering Studio 3 Design Group for the design and engineering services for new street lamps along the north side of Telfair Street, from the southeast corner of the new library project site, to the corner of Telfair and 8th Street. We understand that this design is to be a continuation of the new street lamps that are included on the Library project site on the Telfair Street frontage. These fixtures will replicate the new street lights that were included on the opposite side of the street when the new Bankruptcy Court was constructed.

Based on our understanding on the scope of work required, we propose a lump-sum fee of (\$3,000) three thousand dollars. This fee includes the following scope of work:

- a. Survey of the effected street frontage along Telfair Street
- b. Layout and specification of new street lamps along Telfair Street
- c. All Electrical Engineering and detailing required for proper installation of the street lamps
- d. Construction documents suitable for bidding purposes

Our team is committed to providing the very best product for the City of Augusta and is prepared to begin immediately upon the approval this proposal. If you have any questions regarding this proposal, please don't hesitate to give me a call.

Sincerely,


Samuel D. Beeird, Jr., AIA, NCARB
SDB:lcm

Richard B. Hinman, Jr., AIA

James I. Webb, AIA

Samuel D. Beeird, Jr., AIA

1617 Walton Way
Augusta, GA 30904
tel: 706.667.9784
706.733.0555
fax: 706.667.9786
studio3designgroup.com

Item # 4





**Engineering Services Committee Meeting
5/11/2009 12:50 PM
Repair Cave-in at the Municipal Golf Course**

Department: Public Services Department - Maintenance Division

Caption: Award bid to L-J., Inc. (sole bidder) in the amount of \$196,120.72 for the removal and replacement of 200' of failed CMP at the Municipal Golf Course. Approve under emergency conditions as the pipe would only continue to fail while acquiring bids. The Contractor has been given a "Notice to Proceed" under an emergency basis.

Background: The 200' of deteriorated pipe runs from the adjacent detention pond, underneath the cart path, and connects with the First Tee golf course. Failure to correct this failed pipe could potentially also cause damage to the First Tee golf course.

Analysis: Without immediate attention, the failed 36" pipe will continue to deteriorate and cause further damage to the adjacent golf course, and repair costs will surely rise.

Financial Impact: Funds are available in SPLOST IV, Grading and Drainage.

Alternatives: 1. Award bid to L-J., Inc. (sole bidder) in the amount of \$196,120.72 for the removal and replacement of 200' of failed CMP at the Municipal Golf Course. Approve under emergency conditions as the pipe would only continue to fail while acquiring bids. The Contractor has been given a "Notice to Proceed" under an emergency basis. 2. None recommended

Recommendation: #1. Award bid to L-J., Inc. (sole bidder) in the amount of \$196,120.72 for the removal and replacement of 200' of failed CMP at the Municipal Golf Course. Approve under emergency conditions as the pipe would only continue to fail while acquiring bids. The Contractor has been given a "Notice to Proceed" under an emergency basis.

Funds are Available in the Following Accounts: Funds are available in Grading and Drainage Account #324-04-1110/201824021

REVIEWED AND APPROVED BY:

**Finance.
Procurement.**

Cover Memo

Item # 5

**Law.
Administrator.
Clerk of Commission**

Municipal Golf Course
detention pond

Item # 5



Collapsed Pipe
Notice the Separation
of the bands



Junction box
in front of two
logs

Top Side of
Hole

Item # 5



The failing pipe
continues

