



July 1, 2014

Mr. John F. Lothrop, RPLS  
Assistant Director of Engineering  
City of League City  
1505 Dickinson Avenue  
League City, Texas 77573

Re: 5<sup>th</sup> Amendment Proposal for Professional Services in connection with the  
Bidding of 30" Gravity Line Parallel to Butler Road  
(Calder Road Sanitary Sewer Improvements)

Dear Mr. Lothrop:

We are pleased to submit our amendment proposal for preparation of construction plans, bidding documents and provide construction administrative services through construction for the Calder Road Sanitary Sewer Improvements. Plans for the project were completed and signed in 2005, however the project was never advertised for bid. The previous amendment in November 2010 was approved in January 2011, however the Notice to Proceed was postponed to allow coordination with ongoing Galveston County engineering and design on Calder Road.

In May 2013 an additional amendment to the contract was approved for the following additional work: Design Phase review and coordination with current Galveston County engineering and construction plans and preparation of sanitary sewer easements. That amendment included dividing the current project into two projects that were to be advertised and bid separately. The "First Project" included all improvements not within the limits of Galveston County's project. The "Second Project" included all improvements within the limits of the County's project, to be bid concurrent with the County's project.


In this 5<sup>th</sup> amendment to the contract the "First Project" will be divided into two projects. One set will be advertised and bid and the other will be added to the "Second Project". This amendment will include the following additional work for both the "First Project" and "Second Project": design and bid phase services, construction administrative services, topographic survey, and preparation of sanitary sewer easement documents. It is our understanding that it is the City's intention to bid and construct the first plan set from the "First Project" prior to bidding the "Second Project" at a later date.

Please find attached the following attachments for the proposed contract amendment:

- Attachment A – Compensation for Professional Services itemizing the required work, with a summary of current and proposed contract amounts.
- Attachment B – Fee Estimate for based on the level of effort for additional work.
- Attachment C – Project Schedule from design revisions through construction of the work.

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you have any questions or need additional information, please contact me at (281) 558-8700.

Sincerely,



David C Scholler, PE  
Senior Project Manager

Accepted by: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Title

**ATTACHMENT A**  
**PROPOSED 5<sup>th</sup> AMENDMENT (July 2014)**  
**COMPENSATION FOR PROFESSIONAL SERVICES**

**League City, Texas**

**30" Gravity Line Parallel to Butler Road  
(Calder Road Sanitary Sewer Improvements)**

For the services covered by this Agreement, the City of League City (the City) agrees to pay Brown & Gay Engineers, Inc. (Professional) as follows:

- A. For additional Basic Services for Revised Design associated with the Calder Road Sanitary Sewer Improvements, an additional lump sum fee of \$63,117 to include:
  - 1. Separate bid package for 30" Sanitary Sewer Improvements from the intersection of Butler Road and League City Parkway east along League City Parkway to the Conoco Phillips Pipeline then south to Turner Road and east along Turner Road to Calder Road.
  - 2. Separate package for 30" Sanitary Sewer Improvements along Calder Road from Turner Road south to Ervin Road and Offsite Sanitary Sewer Improvements to include:
    - a. 8" Sanitary sewer along Weyer Road.
    - b. 12" Sanitary sewer to serve Safari Mobile Home Park Lift Station.
    - c. 12" Sanitary Sewer along Ervin Road.
    - d. 12" Sanitary Sewer to serve the Big League Dreams Lift Station.

To be included in the Galveston County's Calder Road drainage and roadway improvements construction plans.
- B. For Sanitary Sewer Easement Preparation associated with the Offsite Sanitary Sewer Improvements, an increase in fee of \$300.
- C. For additional Topographic Survey for Big league Dreams Lift Station, additional lump sum fee of \$5,000.

A summary of the proposed fees is shown on page A-2.

**ATTACHMENT A**  
**PROPOSED 5TH AMENDMENT (July 2014)**  
**COMPENSATION FOR PROFESSIONAL SERVICES**

League City, Texas

**30" Gravity Line Parallel to Butler Road**  
**(Calder Road Sanitary sewer Improvements)**

SUMMARY

DESCRIPTION	AGREEMENT 8/12/2004	1 <sup>st</sup> AMENDMENT 10 /12/2004	2 <sup>nd</sup> AMENDMENT 1/25/2005	3 <sup>rd</sup> AMENDMENT 1/19/11	4 <sup>th</sup> AMENDMENT (May 2013)	REMAING CONTRACT FUNDS	PROPOSED 5 <sup>th</sup> AMENDMENT (June 2014)
Preliminary Evaluation Design & Bid Phase	\$ 21,300						
Turner Road Set							\$ 16,436
Calder Road Set							\$ 11,546
Subtotal =	\$ 78,700		\$ 5,200	\$ 16,663	\$ 55,756	\$ 10,339	\$ 27,982
Const. Admin.							
Turner Road Set							\$ 25,135
Calder Road Set							\$ -
Subtotal =	\$ 20,200		\$ 3,400	\$ 8,600	\$ 32,200	\$ 25,135	
Total Basic Services	\$ 120,200	\$ -	\$ 5,200	\$ 20,063	\$ 64,356	\$ 42,539	\$ 53,117
Topographic Survey	\$ 23,000		\$ 1,700				
ROW Survey	\$ 14,500		\$ 1,500				
Geotechnical Services	\$ 13,332		\$ 1,100				
Easement Preparation				\$ 33,300	\$ (28,600)	\$ (4,700)	\$ 5,000
Topographic Survey Verification				\$ 8,775			
Topographic Survey Weyer Road					\$ 3,750		
Topographic Survey Calder Road (extension)					\$ 1,500		
Topographic Survey Ervin Road					\$ 5,000		
Topographic Survey Big League Dream Lift Station					\$ -		\$ 5,000
Total Additional Services	\$ 23,000	\$ 27,832	\$ 4,300	\$ 42,075	\$ (18,350)	\$ (4,700)	\$ 10,000
	\$ 143,200	\$ 27,832	\$ 9,500	\$ 62,138	\$ 46,006	\$ 37,839	\$ 63,117

Task	Sr. Project Manager	Project Manager	CADD	RPLS	Tech	Survey Crew	Survey Crew	GPS Crew	Secretarial	Quality Control	Total Hours	Total Labor	Expenses	Total
<b>Final Design Phase</b>														
Revise Construction Drawings (Turner Road Set)														
1. COVER SHEET	0.5	2	2							0.25	4.75	\$716		\$716
2. SHEET LAYOUT	0.25	2	2							0.25	4.5	\$660		\$660
3. LEAGUE CITY PARKWAY P&P 1+00 TO 9+00	0.5	2	2							0.5	5	\$750		\$750
4. EASEMENT P&P 1+00 TO 11+00	1	4	16							0.5	21.5	\$2,873		\$2,873
5. TURNER ST. P&P 1+00 TO 11+00	1	6	24							2	33	\$4,365		\$4,365
6. STORM WATER POLLUTION PREVENTION PLAN	0.25	2	2							0.5	4.75	\$694		\$694
7. STORM WATER POLLUTION PREVENTION PLAN DETAILS		2	2							0.25	2.25	\$274		\$274
<b>Subtotal Final Design Phase</b>	<b>3.5</b>	<b>18</b>	<b>50</b>							<b>4.25</b>	<b>75.75</b>	<b>\$10,331</b>		<b>\$10,331</b>
<b>Bid Phase</b>														
Assist in solicitation and receipt of Bids.	2	8							4		14	\$2,070	\$125	\$2,195
Attend prebid conference.	2	12									14	\$2,430		\$2,430
Attend Bid opening														
Evaluate Bids and make recommendations.	2	4							4		10	\$1,410	\$70	\$1,480
<b>Subtotal Bid Phase</b>	<b>6</b>	<b>24</b>							<b>8</b>		<b>38</b>	<b>\$5,910</b>	<b>\$195</b>	<b>\$6,105</b>
<b>Construction Administration</b>														
Prepare formal contract documents.		6							4		10	\$1,290	\$30	\$1,320
Set initial construction control					4	8	10				22	\$2,525		\$2,525
Four (4) site visits during construction.	4	20							4		24	\$4,200	\$275	\$4,475
Requests for information.	2	12							4		18	\$2,730		\$2,730
Pay Estimates		12							4		16	\$2,280		\$2,280
Submittal review.	4	16							4		24	\$3,840		\$3,840
Review of Final Estimate and Final walk through.	4	16							4		24	\$3,840	\$70	\$3,910
Preparation of "Record Drawings"	2	8	16						4		30	\$3,990	\$65	\$4,055
<b>Subtotal Construction Administration</b>	<b>16</b>	<b>90</b>	<b>16</b>	<b>4</b>	<b>8</b>	<b>10</b>			<b>24</b>		<b>168</b>	<b>\$24,695</b>	<b>\$440</b>	<b>\$25,135</b>
<b>Total Design, Bid, and Construction Administration</b>														<b>\$41,571</b>

Task	Sr. Project Manager	Project Manager	CADD	RPLS	Survey Tech	Survey Crew	GPS Crew	Secretarial	Quality Control	Total Hours	Total Labor	Expenses	Total
<u>CALDER ROAD &amp; OFFSITE SANITARY SEWER SET</u>													
1. COVER SHEET	0.25	2	2	2					0.25	4.5	\$660		\$660
2. SHEET LAYOUT	0.25	2	2	2					0.5	4.75	\$694		\$694
3. CALDER RD. P&P 1+00 TO 11+00	1	4	16						2	23	\$3,075		\$3,075
4. CALDER RD. P&P 31+00 TO 41+00	1	2	8						2	13	\$1,785		\$1,785
BIG LEAGUE DREAMS LIFT STATION INTERCEPTOR P&P 0+00													
5. TO END (NEW/ADDITIONAL SHEET)	1	6	24						2	33	\$4,365		\$4,365
6. STORM WATER POLLUTION PREVENTION PLAN	0.25	2	2	2					0.5	4.75	\$694		\$694
7. STORM WATER POLLUTION PREVENTION PLAN DETAILS				2					0.25	2.25	\$274		\$274
<b>Subtotal Final Design Phase</b>	<b>3.75</b>	<b>18</b>	<b>56</b>						<b>7.5</b>	<b>85.25</b>	<b>\$11,546</b>		<b>\$11,546</b>
<b>Total Design</b>													<b>\$11,546</b>
<b>Additional Services</b>													
Easement Preparation for Big League LS San Swr Route to Calder											\$2,500		\$2,500
Easement Preparation for Safari Mobile Homes LS San Swr Route to Ervin											\$2,500		\$2,500
Topographic Survey for Big League Dreams LS Route (1,000 LF)											\$5,000		\$5,000
<b>Subtotal Additional Services</b>											<b>\$10,000</b>		<b>\$10,000</b>
<b>Total Design and Additional Services</b>													
													<b>\$21,546</b>
<b>Total Design and Bid Phase</b>													
													<b>\$27,982</b>
<b>Total Construction Administration</b>													
													<b>\$25,135</b>
<b>Total Additional Services</b>													
													<b>\$10,000</b>
<b>Total</b>													<b>\$63,117</b>

Attachment C - Bid and Construction Schedule  
Proposed 5th Amendment (June 2013)  
CITY OF LEAGUE CITY  
CALDER ROAD SANITARY SEWER IMPROVEMENTS

Calder Road Bid and Construction	359 days	7/15/2014	11/27/2015
Authorization	1 day	7/15/2014	7/15/2014
Tuner Road	131 days	7/16/2014	1/14/2015
Revise Construction Drawings	10 days	7/16/2014	7/29/2014
Prepare Bidding Document	5 days	7/30/2014	8/5/2014
Advertise	10 days	8/6/2014	8/19/2014
Bid Open	1 day	8/20/2014	8/20/2014
Award	14 days	8/21/2014	9/9/2014
Construction	90 days	9/29/2014	1/30/2015
Calder Road & Offsite Sanitary Sewer	329 days	8/18/2014	11/19/2015
Review Construction Drawings	14 days	11/20/2015	12/9/2015
Revise Construction Drawings	14 days	12/10/2015	12/29/2015
Prepare Bidding Document	5 days	12/30/2015	1/5/2016
Advertise	10 days	1/6/2016	1/19/2016
Bid Open	1 day	1/20/2016	1/20/2016
Award	14 days	1/21/2016	2/9/2016
Construction	270 days	3/5/2015	3/16/2016