

March 25, 2013

Mr. Richard W. Stolleis, P.E.  
County Engineer  
Fort Bend County  
1124 Blume Road  
Rosenberg, Texas 77471

Re: Invoice No. 10 for Brand Lane (FBC Project No. 718)  
Invoice No. 10 for Brand Lane (FBC Project No. 769)  
Partial Payment for Work Authorization No. 3

Dear Mr. Stolleis:

We have reviewed the enclosed invoices by SES Horizon Consulting Engineers, Inc., and recommend payment in the amount of \$21,733.26 (Project No. 718) and \$20,061.48 (Project No. 769), as submitted. The percentages of completion for which the services have been invoiced appear to be consistent with the actual amount of work completed. SES Horizon has also prepared a progress report, which is attached to the invoice for your review.

Please call me if you have any questions.

Sincerely,



Mark C. Dessens, P.E.  
Project Manager

MCD/md  
Enclosure



**INVOICE NO. FBC2013-1010 718**

**MARCH 13, 2013**

**INVOICE TO:**

RICHARD W. STOLLEIS, P.E.  
COUNTY ENGINEER  
FORT BEND COUNTY  
1124-52 BLUME ROAD  
ROSENBERG, TEXAS 77471

**REFERENCE PROJECT:**

FORT BEND COUNTY  
BRAND LANE  
FBC PROJECT NUMBER 718  
LIMITS: LUDWIG TO US 90A  
PURCHASE ORDER NUMBER 30923

**SERVICE PERIOD: OCTOBER 26, 2012 TO MARCH 13, 2013**

**DESCRIPTION: FINAL DESIGN ENGINEERING**

SCOPE OF WORK	CONTRACT MAXIMUM FEE TOTAL	AMOUNT AUTHORIZED TO DATE	PERCENT COMPLETE TO DATE	AMOUNT INVOICED TO DATE	AMOUNT PREVIOUSLY INVOICED	AMOUNT PAID TO DATE	AMOUNT DUE THIS INVOICE
SES - FINAL ENGINEERING SERVICES (WA#3)	\$167,178.96	\$167,178.96	88.00%	\$147,117.48	\$125,384.22	\$125,384.22	\$21,733.26
<b>SUBPROVIDERS</b>							
CENTURY ENGINEERING - SURVEY (WA#1)	\$49,129.60	\$49,129.60	98.92%	\$48,597.19	\$48,597.19	\$48,597.19	\$0.00
KLOTZ ASSOCIATES, INC - TRAFFIC SIGNAL DESIGN (WA#3)	\$9,776.00	\$9,776.00	70.00%	\$6,843.20	\$6,843.20	\$6,843.20	\$0.00
HVJ - ESAII (WA#3)	\$4,385.68	\$4,385.68	100.00%	\$4,385.68	\$4,385.68	\$4,385.68	\$0.00
<b>SUBTOTAL</b>	<b>\$230,470.24</b>	<b>\$230,470.24</b>		<b>\$206,943.55</b>	<b>\$185,210.29</b>	<b>\$185,210.29</b>	<b>\$21,733.26</b>
<b>SUBTOTAL AMOUNT DUE THESE INVOICE</b>							<b>\$21,733.26</b>
<b>TOTAL AMOUNT DUE THESE INVOICE</b>							<b>\$21,733.26</b>

I CERTIFY THIS INVOICE TO BE TRUE AND CORRECT:

*E. E. Salazar, Jr., P.E.*

EPIFANIO E. SALAZAR, JR., P.E.  
PRINCIPAL

*de Muz*  
*4/18/13*



INVOICE NO. FBC2013-1010 769

MARCH 13, 2013

INVOICE TO:  
RICHARD W. STOLLEIS, P.E.  
COUNTY ENGINEER  
FORT BEND COUNTY  
1124-52 BLUME ROAD  
ROSENBERG, TEXAS 77471

REFERENCE PROJECT:  
FORT BEND COUNTY  
BRAND LANE  
FBC PROJECT NUMBER 769  
LIMITS: AVENUE E TO LUDWIG  
PURCHASE ORDER NUMBER 30923

SERVICE PERIOD: OCTOBER 26, 2012 TO MARCH 13, 2013

DESCRIPTION: FINAL DESIGN ENGINEERING

SCOPE OF WORK	CONTRACT MAXIMUM FEE TOTAL	AMOUNT AUTHORIZED TO DATE	PERCENT COMPLETE TO DATE	AMOUNT INVOICED TO DATE	AMOUNT PREVIOUSLY INVOICED	AMOUNT PAID TO DATE	AMOUNT DUE THIS INVOICE
SES - FINAL ENGINEERING SERVICES (WA#3)	\$154,319.04	\$154,319.04	88.00%	\$135,800.76	\$115,739.28	\$115,739.28	\$20,061.48
SUBPROVIDERS							
CENTURY ENGINEERING - SURVEY (WA#1)	\$45,350.40	\$45,350.40	98.92%	\$44,858.94	\$44,858.94	\$44,858.94	\$0.00
KLOTZ ASSOCIATES, INC - TRAFFIC SIGNAL DESIGN (WA#3)	\$9,024.00	\$9,024.00	70.00%	\$6,316.83	\$6,316.83	\$6,316.83	\$0.00
HVJ - ESAH (WA#3)	\$4,048.32	\$4,048.32	100.00%	\$4,048.32	\$4,048.32	\$4,048.32	\$0.00
SUBTOTAL	\$212,741.76	\$212,741.76		\$191,024.85	\$170,963.37	\$170,963.37	\$20,061.48
SUBTOTAL AMOUNT DUE THESE INVOICE							\$20,061.48
TOTAL AMOUNT DUE THESE INVOICE							\$20,061.48

I CERTIFY THIS INVOICE TO BE TRUE AND CORRECT:

*E.E. Salazar, P.E.*

EPIFANIO E. SALAZAR, JR., P.E.  
PRINCIPAL

*OK RWB  
4/18/13*





**PROGRESS REPORT NUMBER 4  
FINAL DESIGN PROJECT STATUS**

Reference Project:  
**Fort Bend County  
2007 Fort Bend County Mobility Program  
Brand Lane, Avenue E To US90A  
Fort Bend County Project No. 718/769**

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**Project Status From October 26, 2012 To March 13, 2013 :**

A. SES received comments on the 75% completion plan set and the related cost estimate that includes the FBC Brand Lane Road Project and the FBCWCID No. 2 water line improvements. The comments were made by FBC, FBCDD, City Of Stafford, SPI and Klotz Associates, Inc..

B. FBC and FBCWCID No. 2 have agreed to enter into an interlocal agreement to include the proposed FBCWCID No. 2 water line improvements as a component of the FBC Brand Lane roadway reconstruction project. Each respective project will be designed by SES (Brand Lane) and Jones and Carter (JC) (Water Line Improvements). The projects will be combined and bid as one project with one project manual by utilizing FBC specifications for the roadway portion and FBCWCID No. 2 specifications for the proposed water line improvements and any sanitary sewer line adjustments. SES submitted a cost fee (level of effort) proposal to provide for the subprovider management efforts for the FBCWCID No. 2 implementation into the FBC Brand Lane Road Project to SPI on January 29, 2013 and to Klotz Associates, Inc. on February 5, 2013.

C. The Fort Bend County Drainage District (FBCDD – Mark Vogler, P.E.) verbally communicated to SES on August 22, 2012, that the “draft” hydraulic study of Stafford Run had been completed and that the Brand Lane Road project would not be required to have “in-line” storm water detention, hence, SES proceeded with plan and project manual development with these FBCDD directives using a water surface elevation of 75.70' @ Stafford Run for use in houstorm hydraulic calculations indicated in the 75% completion plan submittal. SES met with Cobb Fendley & Associates, Inc. on January 17, 2013 to discuss the final results of the Stafford Run Hydraulic Study. It was concluded by all meeting attendees that a water surface elevation of 74.20' @ Stafford Run for use in houstorm hydraulic calculations could now be used as a result of the final hydraulic report findings and the proposed downstream detention ponds. SES ran the houstorm hydraulic models at the manhole level with the revised water surface elevation of 74.20' at Stafford Run and determined that a cost savings of ~\$200,000.00 would be realized by the change in the new tailwater elevation determined by Cobb Fendley & Associates, Inc.. SES submitted a cost fee (level of effort) proposal to provide for the revisions to the 75% plan submittal and project manual into the FBC Brand Lane Road Project to SPI on January 29, 2013 and to Klotz Associates, Inc. on February 5, 2013.

**Planned Activities For Next 30 Days:**

1. SES will continue to coordinate design activities with FBCWCID No. 2 and Jones and Carter to include the proposed FBCWCID No. 2 water line improvements.
2. SES will provide FBC with any required project related information for the metes and bounds descriptions for the three tracts required for the construction of the Brand Lane Road improvements.
3. SES will submit 90% completion plans including the FBCWCID No. 2 drawings developed by Jones and Carter. SES will coordinate the plan and project manual submittal by Jones and Carter.

**Action Items from SPI/FBC Next 30 Days:**

4. Finalize right of way acquisitions for the metes and bounds descriptions in item 2 above.
5. Review and assess SES's level of efforts for the items B and C above and provide a notice to proceed to incorporate the FBCWCID No. 2 plans and modify the construction documents to reflect the revised water surface elevation @ Stafford Run (from 75.70' to 74.20') and the related houstorm calculations.