

June 7, 2011

Mr. D. Jesse Hegemier, P.E.  
County Engineer  
Fort Bend County  
1124 Blume Road  
Rosenberg, Texas 77471

Re: Invoice No. 6 for Brand Lane (FBC Project No. 718)  
Invoice No. 6 for Brand Lane (FBC Project No. 769)  
Partial Payment for Work Authorization Nos. 1 and 2

Dear Mr. Hegemier:

We have reviewed the enclosed invoice by SES Horizon Consulting Engineers, Inc., and recommend payment in the amount of \$40,615.12 as submitted. The contract amounts shown for SES Horizon were both authorized in Work Authorization Nos. 1 and 2. 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,



Peter A. Ring, P.E.  
Project Manager

PAR/bl  
Enclosure



**INVOICE NO. FBC2011-1005 718**

JUNE 6, 2011

**INVOICE TO:**

D. JESSE HEGEMIER, 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: MAY 13, 2011 TO JUNE 6, 2011**

DESCRIPTION: PRELIMINARY 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 - PRELIMINARY AND FINAL ENGINEERING SERVICES (WA#1)	\$271,258.00	\$61,583.60	98.00%	\$60,351.93	\$60,351.93	\$60,351.93	\$0.00
SES - NO ADVERSE HYDRAULIC IMPACT ASSESSMENT TO STAFFORD RUN (WA#2)	\$12,720.76	\$12,720.76	100.00%	\$12,720.76	\$12,720.76	\$12,720.76	\$0.00
SES - SUPPLEMENTAL PER TASKS (SWA#1/WA#1)	\$21,550.88	\$21,550.88	98.00%	\$21,119.86	\$0.00	\$0.00	\$21,119.86
<b>SUBPROVIDERS</b>							
KLOTZ - RIGHT TURN LANE ANALYSIS (WA#1)	\$2,272.40	\$2,272.40	100.00%	\$2,272.40	\$2,272.40	\$2,272.40	\$0.00
KLOTZ - TRAFFIC ENGINEERING STUDIES (SWA#1/WA#1)	\$8,002.80	\$8,002.80	0.00%	\$0.00	\$0.00	\$0.00	\$0.00
CENTURY ENGINEERING - SURVEY (WA#1)	\$49,129.60	\$49,129.60	64.62%	\$31,746.00	\$31,746.00	\$31,746.00	\$0.00
AUSTIN/REED - GEOTECHNICAL INVESTIGATION (WA#1)	\$15,340.00	\$15,340.00	90.00%	\$13,806.00	\$13,806.00	\$13,806.00	\$0.00
HVJ - ESAI (SWA#1/WA#1)	\$3,101.80	\$3,101.80	0.00%	\$0.00	\$0.00	\$0.00	\$0.00
<b>SUBTOTAL</b>	<b>\$383,376.24</b>	<b>\$173,701.84</b>		<b>\$142,016.95</b>	<b>\$120,897.09</b>	<b>\$120,897.09</b>	<b>\$21,119.86</b>
<b>SUBTOTAL AMOUNT DUE THESE INVOICE</b>							<b>\$21,119.86</b>
<b>TOTAL AMOUNT DUE THESE INVOICE</b>							<b>\$21,119.86</b>

I CERTIFY THIS INVOICE TO BE TRUE AND CORRECT:

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

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

*OK  
DPA*



**INVOICE NO. FBC2011-1005 769**

JUNE 6, 2011

**INVOICE TO:**

D. JESSE HEGEMIER, 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: MAY 13, 2011 TO JUNE 6, 2011**

DESCRIPTION: PRELIMINARY 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 - PRELIMINARY AND FINAL ENGINEERING SERVICES (WA#1)	\$250,392.00	\$56,846.40	98.00%	\$55,709.47	\$55,709.47	\$55,709.47	\$0.00
SES - NO ADVERSE HYDRAULIC IMPACT ASSESSMENT TO STAFFORD RUN (WA#2)	\$11,742.24	\$11,742.24	100.00%	\$11,742.24	\$11,742.24	\$11,742.24	\$0.00
SES - SUPPLEMENTAL PER TASKS (SWA#1/WA#1)	\$19,893.12	\$19,893.12	98.00%	\$19,495.26	\$0.00	\$0.00	\$19,495.26
<b>SUBPROVIDERS</b>							
KLOTZ - RIGHT TURN LANE ANALYSIS (WA#1)	\$2,097.60	\$2,097.60	100.00%	\$2,097.60	\$2,097.60	\$2,097.60	\$0.00
KLOTZ - TRAFFIC ENGINEERING STUDIES (SWA#1/WA#1)	\$7,387.20	\$7,387.20	0.00%	\$0.00	\$0.00	\$0.00	\$0.00
CENTURY ENGINEERING - SURVEY (WA#1)	\$45,350.40	\$45,350.40	64.62%	\$29,304.00	\$29,304.00	\$29,304.00	\$0.00
AUSTIN/REED - GEOTECHNICAL INVESTIGATION (WA#1)	\$14,160.00	\$14,160.00	90.00%	\$12,744.00	\$12,744.00	\$12,744.00	\$0.00
HVJ - ESAI (SWA#1/WA#1)	\$2,863.20	\$2,863.20	0.00%	\$0.00	\$0.00	\$0.00	\$0.00
<b>SUBTOTAL</b>	<b>\$353,885.76</b>	<b>\$160,340.16</b>		<b>\$131,092.57</b>	<b>\$111,597.31</b>	<b>\$111,597.31</b>	<b>\$19,495.26</b>
<b>SUBTOTAL AMOUNT DUE THESE INVOICE</b>							<b>\$19,495.26</b>
<b>TOTAL AMOUNT DUE THESE INVOICE</b>							<b>\$19,495.26</b>

I CERTIFY THIS INVOICE TO BE TRUE AND CORRECT:

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

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

*OK*



## **PROGRESS MEETING NUMBER 6 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 May 13, 2011 To June 6, 2011 :**

The revised Preliminary Engineering Report (PER) was resubmitted to Schaumburg & Polk, Inc. (SPI) on May 10, 2011. SES received the related written comments from SPI on May 23, 2011. SES also received a notice to proceed authorization from SPI for Supplemental Work Authorization Number 1 to Work Authorization Number 1 (SWA#1 To WA#1). The related, Exhibit "A" Scope Of Services is attached for reference and use. SES will revise the PER to include all items related to SWA#1 To WA#1 that have not been executed to date. The Alternative Analysis and Site Visibility Triangles, related to SWA#1 To WA#1, have been executed by SES and presented to SPI.

### **Planned Activities For Next 30 Days:**

1. Submit Final PER by June 30, 2011 to include the stop control warrant study @ the Brand Lane/Ludwig intersection, the traffic signal warrant study @ the Brand Lane/Avenue E intersection and the Phase I Environmental Site Assessment.

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

2. Finalize any additional PER comments related to the completion of tasks for SWA#1 To WA#1.



**EXHIBIT "A"**  
**SCOPE OF SERVICES**

**SUPPLEMENTAL WORK AUTHORIZATION NO. 1**  
**TO**  
**WORK AUTHORIZATION NO. 1**

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

Description

Fort Bend County authorized SES Horizon Consulting Engineers, Inc. (the "Engineer") to prepare a Preliminary Engineering Report (PER) for the referenced project under Work Authorization No. 1. It has since been determined that additional services are required to fully determine the County's needs and alternatives, and to complete the PER.

Scope of Services

The Engineer shall provide the following services:

- Alternative Analyses to include the following: three-lanes with one sidewalk and a four-lanes without sidewalks, typical sections, cross sections, in-line detention, construction sequencing, right of way determination, and construction cost estimates
- Site visibility triangles (14 exhibits and revisions)
- A stop control warrant study for Brand Lane at Ludwig as detailed in the attached proposal from Klotz Associates, Inc.
- A traffic signal warrant study for Brand Lane at Avenue E as detailed in the attached proposal from Klotz Associates, Inc.
- A Phase I Environmental Site Assessment (ESA) as detailed in the attached proposal from HVJ Associates, Inc.

Items NOT Included in Scope of Services

The following items are not included in the Scope of Services at this time:

- Traffic Signal Design
- Contract (Pre-Bid) Phase Services