

September 16, 2014

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

Re: Invoice No. 24 for West Bellfort (FBC Project No. 741)
Partial Payment for Construction Phase Services

Project No. 300701.10

Dear Mr. Stolleis:

We have reviewed the enclosed invoice by TSC Engineering, and recommend payment in the amount of \$4,024.50, as submitted. The amount billed in the invoice appears to be consistent with the amount of work performed, which consists of normal construction phase services. TSC 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



TSC Engineering
"A TRW Engineers, Inc. Company"

August 10, 2014

INVOICE

Mr. Richard Stolleis, P.E.
 County Engineer
 Fort Bend County
 1124-52 Blume Road
 Rosenberg, Texas 77471
 Attn: Mr. Steve Evans, P.E.

Invoice No.: 779-001-24
 TSC Project No.: 779-001

Re: Agreement for Engineering Services

Description: Construction: West Bellfort from SH99 to Harlem Road Construction Phase and Traffic Signal Design
 Located in Fort Bend County, Texas

Purchase Order No.: P0:85428
 Vendor Number: 21773

This Invoice covers work performed through: April 1, 2014 to August 10, 2014

	Contract Fee	Percent Complete	Previous % Complete	Total Invoice Amount	Previous Invoice Amount	Amount Due This Invoice
Basic Service:						
A. Study Phase (Segment B: TSC Eng)	\$ 99,968.00	100%	100%	\$ 99,968.00	\$ 99,968.00	\$ -
A. Study Phase (Segment B: Deden Services)	\$ 40,612.00	100%	100%	\$ 40,612.00	\$ 40,612.00	\$ -
B. Design Phase (Segment B: TSC Eng)	\$ 99,968.00	100%	100%	\$ 99,968.00	\$ 99,968.00	\$ -
10/24/2012 Supplement#1	\$ 13,905.50	100%	100%	\$ 13,905.50	\$ 13,905.50	\$ -
B. Design Phase (Segment A: Deden Services)	\$ 40,612.00	100%	100%	\$ 40,612.00	\$ 40,612.00	\$ -
C. Contract Phase (Segment B: TSC Eng)	\$ 12,496.00	100%	100%	\$ 12,496.00	\$ 12,496.00	\$ -
C. Contract Phase (Segment A: Deden Services)	\$ 5,076.50	100%	100%	\$ 5,076.50	\$ 5,076.50	\$ -
D. Survey (TSC Surveying)	\$ 40,000.00	100%	100%	\$ 40,000.00	\$ 40,000.00	\$ -
10/24/2012 Supplement#1	\$ 19,055.00	100%	100%	\$ 19,055.00	\$ 19,055.00	\$ -
E. Geotechnical (Aviles)	\$ 15,505.00	100%	100%	\$ 15,505.00	\$ 15,505.00	\$ -
	\$ 387,198.00	100%	100%	\$ 387,198.00	\$ 387,198.00	\$ -

Basic Services Due This Invoice: \$ -

Construction Phase:

	Contract Fee	Percent Complete	Previous % Complete	Total Invoice Amount	Previous Invoice Amount	Amount Due This Invoice
A. Construction Phase (TSC Eng)	\$ 1,970.00	36.0%	12.5%	\$ 709.20	\$ 709.20	\$ -
B. Traffic Signal (Klotz)	\$ 19,700.00	36.0%	12.5%	\$ 7,092.00	\$ 7,092.00	\$ -
	\$ 21,670.00	36.0%	36.0%	\$ 7,801.20	\$ 7,801.20	\$ -

Construction Phase Due This Invoice: \$ -

ADDITIONAL SERVICES

Construction Phase Additional Services - West Bellfort Road Improvements \$ 30,000.00
(TSC Engineering & TSC Surveying)

Title & Name	Hours		Billing Rate	Total
Senior Project Manager	15	x	\$ 180.30	\$ 2,704.50
Senior Professional Engineer		x	\$ 158.67	\$ -
Professional Engineer		x	\$ 144.24	\$ -
Design Engineer/Newly P.E.		x	\$ 121.62	\$ -
Graduate Engineer/EIT		x	\$ 111.48	\$ -
Senior CADD Technician	12	x	\$ 110.00	\$ 1,320.00
CADD Technician		x	\$ 90.00	\$ -
Registered Professional Land Surveyor		x	\$ 116.00	\$ -
Senior Survey Technician		x	\$ 85.00	\$ -
Survey Technician		x	\$ 77.00	\$ -
3 - Member Field Crew		x	\$ 128.00	\$ -
2 - Member Field Crew		x	\$ 99.00	\$ -
Admin/Clerical		x	\$ 65.00	\$ -
			Total	\$ 4,024.50

Direct Expenses	Amount		Rate	Total
Mileage	Miles	\$	0.560	\$ -
Toll Road	Toll	\$	0.500	\$ -
Reproduction	Invoices			\$ -
			Total	\$ -

Amount This Invoice	Previous Amount	Total Invoice	Amount Remaining
\$ 4,024.50	\$ 9,427.31	\$ 13,451.81	\$ 16,548.19

Construction Phase Additional Services Due this invoice: \$ 4,024.50

Total Amount Due for Construction Phase and Additional Services:

\$ 4,024.50

OK PWS
9/17/14

I certify this invoice to be true and correct.

David S. Kermany
David S. Kermany, P.E.
Partner

8/10/2014
Date

Week Ending: July 20, 2014

		Mon	Tue	Wed	Thu	Fri	Sat	Sun	
		7/14	7/15	7/16	7/17	7/18	7/19	7/20	
Senior Project Manager	D. Kermany			2.0					2.0
Total									2.0

Senior CADD Technician	C. Alcaraz			2.5					2.5
Total									2.5

Week Ending: July 27, 2014

		Mon	Tue	Wed	Thu	Fri	Sat	Sun	
		7/21	7/22	7/23	7/24	7/25	7/26	7/27	
Senior Project Manager	D. Kermany		3.0						3.0
Total									3.0

Senior CADD Technician	C. Alcaraz		3.0						3.0
Total									3.0

Week Ending: August 3, 2014

		Mon	Tue	Wed	Thu	Fri	Sat	Sun	
		7/28	7/29	7/30	7/31	8/1	8/2	8/3	
Senior Project Manager	D. Kermany			2.0					2.0
Total									2.0

Senior CADD Technician	C. Alcaraz			2.0					2.0
Total									2.0

Week Ending: August 10, 2014

		Mon	Tue	Wed	Thu	Fri	Sat	Sun	
		8/4	8/5	8/6	8/7	8/8	8/9	8/10	
Senior Project Manager	D. Kermany		4.0		4.0				8.0
Total									8.0

Senior CADD Technician	C. Alcaraz		4.0		0.5				4.5
Total									4.5

Engineering Services Improvements: West Bellfort Road, MOB, Proj No 741, Precinct 4

Progress Report No. 24 for Invoice No. 779-001-24

Work Performed for Period April 01, 2014 to August 10, 2014

A. STUDY PHASE

Completed June 1, 2012

B. DESIGN PHASE

Completed July 30, 2013

C. CONTRACT PHASE

Completed Sept. 15, 2013

D SURVEYING

Completed

E GEOTECHNICAL

Completed.

F CONSTRUCTION PHASE

1- Prepared and completed the intersection layout for Harlem and W. Bellfort

2- Reviewed triangle visibility at Waterview Estate.

Hernandez, Jillian

From: Mark Dessens <mdessens@spi-eng.com>
Sent: Tuesday, September 16, 2014 3:26 PM
To: Hernandez, Jillian
Subject: TSC invoice
Attachments: TSC invoice.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Jillian, TSC's invoice with our payment recommendation is attached. The "previous amount" shown at the end is simply the total amount of construction phase services billed previously, and the "total invoice" is the sum of the "previous amount" and the "amount this invoice." Their terminology is different from everyone else I've worked with, which is why you and I were both confused. In short, though, the only amount owed to TSC is the amount of this invoice, \$4,024.50.

Mark