

April 16, 2014

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

Re: Invoice No. 23 for West Bellfort (FBC Project No. 741)
Partial Payment for Construction Phase Services

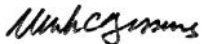
Project No. 300701.10

Dear Mr. Stolleis:

We have reviewed the enclosed invoice by TSC Engineering, and recommend payment in the amount of \$5,092.45, as submitted. The amount billed in the invoice appears to be consistent with the amount of work performed, which consists of signal design. 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

March 31, 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.: 779-001-23
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: March 1, 2014 to March 31, 2014

Basic Service:	Contract Fee	Percent Complete	Previous % Complete	Total Invoice Amount	Previous Invoice Amount	Amount Due This Invoice
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	
A. Construction Phase (TSC Eng)	\$ 1,970.00	36.0%	12.5%	\$ 709.20	\$ 246.25	\$ 462.95
B. Traffic Signal (Klotz)	\$ 19,700.00	36.0%	12.5%	\$ 7,092.00	\$ 2,462.50	\$ 4,629.50
	\$ 21,670.00	36.0%	12.5%	\$ 7,801.20	\$ 2,708.75	\$ 5,092.45

Construction Phase Due This Invoice: \$ 5,092.45

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	x	\$ 180.30	\$ -
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	x	\$ 110.00	\$ -
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	\$ -
		<u>Total</u>	<u>\$ -</u>

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

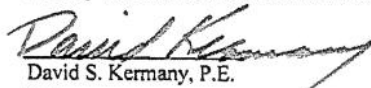
Amount This Invoice	Previous Amount	Total Invoice	Amount Remaining
\$ -	\$ 9,427.31	\$ 9,427.31	\$ 20,572.69

Construction Phase Additional Services Due this invoice: \$ -

Total Amount Due for Construction Phase and Additional Services: \$ 5,092.45

OK, JSS
04/17/14

I certify this invoice to be true and correct.


David S. Kernany, P.E.
Partner

3/31/2014
Date

Fort Bend County Purchase Order: 85428

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

Progress Report No. 23 for Invoice No. 779-001-23

Work Performed for Period: March 1, 2014 to March 31, 2014

A. STUDY PHASE

Completed June 1, 2012

B. DESIGN PHASE

Completed July 30, 2013

C. CONTRACT PHASE

Completed September 15, 2013

D. SURVEYING

Completed

E. GEOTECHNICAL

Completed

F. CONSTRUCTION PHASE

Coordinate Harlem at W. Bellfort signal and intersection design.
Submit 60% signal design for review and comment

Invoiceklotz  associates

1160 Dairy Ashford, Suite 500
Houston, Texas 77079
T 281.589.7257 F 281.589.7309
houston.office@klotz.com

Ms. Andrea Ranft, PE
Senior Project Manager
TSC Engineering Company
3300 South Gessner Road, Suite 100
Houston, TX 77063

March 27, 2014
Project No: 0376.003.000
Invoice No: 314099

Traffic Signal Design for the intersection for West Bellfort Road at Harlem Road in Fort Bend County, Texas

For Professional Services rendered from February 16, 2014 to March 15, 2014:

Description	Contract Amount	Percent Complete	Billed to Date	Previously Invoiced	Current Invoice
Signal Design Phase	19,700.00	36.00	7,092.00	2,462.50	4,629.50
Construction Phase Services	4,250.00	0.00	0.00	0.00	0.00
Total Fee	23,950.00		7,092.00	2,462.50	4,629.50
					4,629.50
Recap:	Current	Previous	To-Date		
Total Billings	4,629.50	2,462.50	7,092.00		
Contract Amount			23,950.00		
Balance			16,858.00		
		Total Due This Invoice:			\$4,629.50