

**TSC Engineering**

"A TRW Engineers, Inc. Company"

PO 85428
 Rec 349672
 3/2/14

MP

February 23, 2016

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.: 779-001-26
 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: August 11, 2014 to December 31, 2014

Program report
 indicates 2015.
 (page 3)

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	\$ -
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	\$ -
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	100.0%	95.0%	\$ 1,970.00	\$ 1,871.50	\$ 98.50
B. Traffic Signal - Design Phase(Klotz)	\$ 19,700.00	100.0%	95.0%	\$ 19,700.00	\$ 18,715.00	\$ 985.00
C. Construction Phase (KLOTZ)	\$ 4,250.00	90.46%	0.0%	\$ 3,844.48	\$ -	\$ 3,844.48
	\$ 25,920.00	98.4%	79.4%	\$ 25,514.48	\$ 20,586.50	\$ 4,927.98

Construction Phase Due This Invoice: \$ 4,927.98

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	8	x	\$ 180.30	\$ 1,442.40
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	2	x	\$ 110.00	\$ 220.00
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>\$ 1,662.40</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
\$ 1,662.40	\$ 15,153.91	\$ 16,816.31	\$ 13,183.69

Construction Phase Additional Services Due this invoice: \$ 1,662.40

Total Amount Due for Construction Phase and Additional Services:

\$ 6,590.38

OK, JSS
03/02/16

I certify this invoice to be true and correct.

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

2/23/2016
Date

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

Progress Report No. 26 for Invoice No. 779-001-26

Work Performed for Period January 1, 2015 to December 31, 2015

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- Walked thru the project for completion and prepared list of items to be addressed by contractor.

Progress Report

Project: West Bellfort at Harlem Road Traffic Signal Design

Date: April 13, 2015

Project No.: 0376.003.000

Period: February 16, 2014 – March 15, 2015

Prepared By: Sriram Natarajan, PE, PTOE

Work Performed:

- Performed Construction Phase Services (CPS) for the intersection of West Bellfort at Harlem Rd
- Reviewed multiple contractor submittals for proposed equipment pertaining to the traffic signal
- Approved equipment proposed to be installed at the subject Intersection
- Coordinated with Centerpoint Energy to obtain SOLS and electrical service address for proposed signal
- Coordinated with Fort Bend County and TSC Engineering on project details

Upcoming Meetings:

- None

Outstanding or Problem Issues:

- None

Peterson, Jillian

From: Elise Dillow <edillow@spi-eng.com>
Sent: Monday, February 29, 2016 4:38 PM
To: Peterson, Jillian
Subject: W. Bellfort Invoice 26
Attachments: Invoice 26 transmittal.pdf

Jillian,

Attached is TSC's invoice 26 for W. Bellfort. I have reviewed the invoice and everything looks good. Please let me know if you have any questions.

Thank you,

Elise Dillow, EIT
Schaumburg & Polk, Inc.
(281) 920-0487 office