



PCE Project No.	FB PO #	Invoice #	Date
13FB1	98184	13FB1-02	10-Sep-13

Bill To

Mr. Nathan Hatcher
Assistant to County Engineer
Fort Bend County Engineering Department
1124-52 Blume Road
Rosenberg, TX 77471

OIC
NDH
7/12/13

Initial Authorization-1

Contract Amount \$166,975.00

Total of Basic Services =\$145,775.00

Work to Date on Select Tasks = 90%

Total misc., TxDot meeting hrs plus direct & indirect expenses = \$750.00

Amount with Invoice # 13FB102 = \$41,505.00

Previously Billed =\$81,885.00

Contract Balance after this invoice = \$43,585

Subtotal-1 = \$41,505.00

Supplement Authorization

Supplement Contract Amount \$39,300.00

Total for Tasks I, II and III =\$39,300.00

Work to Date on Select Tasks = 60%

Total Direct & Indirect Expenses = \$165.00

Amount with this Invoice = \$28,570.60

Previously Billed =\$0.00

Contract Balance after this invoice = \$10,729.4

Subtotal-2 = \$28,750.60

Grand Total for Invoice # 13FB1-02 (Subtotals 1 & 2) = \$70,075.60

Thank you

Regards,

M. Irfan

Mohammad Irfan, P.E., PTOE
President & Principal Engineer
281-630-5485

Please make check payable to:

Progressive Consulting Engineers, PLLC

Please mail the check to the following company's mailing address:

Progressive Consulting Engineers, PLLC
C/O Mohammad Irfan
5507 Maverick Point Lane,
Katy, Texas 77494



FORT BEND COUNTY, TEXAS PURCHASE ORDER

P.O.NUMBER: 98184

PAGE #: Page 1 of 1

P.O.DATE: 12/28/2012

DELIVERY BY: 12/28/2012

BUYER: Debbie Kaminski

VENDOR: 20806

PROGRESSIVE CONSULTING ENGINEE
C/O MOHAMMAD IRFAN
5507 MAVERICK POINT LANE
KATY TX 77494

SHIP TO: Engineering
1124 Blume Road
Rosenberg TX 77471

BILL TO: COUNTY AUDITOR
301 JACKSON
RICHMOND, TX 77469

DESCRIPTION	QUANTITY		UNIT COST	EXTEND COST
1 ENGINEERING SERVICES X-23: CONGESTION MIGIGATION:	166,975	EA	\$1.00	\$166,975.00

APPROVED IN COMMISSIONER'S COURT ON DECEMBER 18, 2012: AGREEMENT BETWEEN FORT BEND COUNTY, CAD ONE REGARDING: TURN LANE DESIGN IMPROVEMENTS (FORT BEND COUNTY ASSISTANCE DISTRICT NO.1): PROPOSED DESIGN SERVICES AT SIX INTERSECTIONS: FRY ROAD @ SEVEN MEADOWS BLVD, FRY ROAD AT GRAND PARKWAY (SH99), S-CONCRETE CURVE AT THE WHOLE FOODS MARKET DRIVEWAY, WESTHEIMER PARKWAY AT GRAND PARKWAY(SH99), WESTHEIMER PARKWAY AT CINCO RANCH BLVD. AND WESTHEIMER PARKWAY AT COMMERCIAL CENTER DRIVE, PRECINT 3.

GRAND TOTAL: \$166,975.00



WESTERN GROUP CONSULTANTS
A LAND SURVEY DIVISION OF
RAHAMAN & ASSOCIATES, INC.

May 15, 2013

Mr. Mohammad Irfan, P.E.
PROGRESSIVE CONSULTING ENGINEERS, PLLC
16360 Park Ten Place, Suite 230
Houston, Texas 77084

RE: Fort Bend County Traffic Modifications
Right-of-Way Parcel Taking
Westheimer Parkway @ Cinco Ranch Boulevard

Dear Mr. Irfan:

Western Group Consultants is pleased to submit this proposal for surveying services on the above referenced project, as follows:

1. Scope of Services:

- a) Perform field survey, deed abstracting and office services for establishing parcel map and metes and bounds description for (2) two right-of-way widening parcels.
- b) Provide signed/seal 11 x 17 exhibits and metes and bounds descriptions.

2. Fee Proposal:

Field surveys, maps, metes and bounds descriptions and set corners	
(i) 3-man survey crew @ \$140.00 per hour x 8 hours	= \$1,120.00
(ii) Survey Technician @ \$72.00 per hour x 16 hours	= \$1,152.00
(iii) Deed Abstract @ \$120.00 per parcel	= \$ 120.00
(iv) RPLS @ \$95.00 per hour x 2 hours	= \$ 190.00
Cost per parcel	= \$2,582.00

2 Parcels x \$2,582.00 per parcel = \$5,164.00

3. Schedule:

Survey will be completed within 30 days upon your authorization to proceed.

If you are in need of any additional information, please do not hesitate to contact me at (713) 465-6655 or via email: ray@wgcsurvey.com

Thank you,
WESTERN GROUP CONSULTANTS

Raymond Rahaman, RPLS
President

(Initial Authorization for Sections I, II & III)				
(ORIGINAL Fee for Sections I, II & III)	TASK Fee	%	Previously Billed	Amount w/this Invoice #13FB102
SECTION-I			3/7/2013 (60%)	9/9/2013 (90%)
WORK TASK - BASIC SERVICES				
Intersec tion-1: Westheimer Pkwy at Cinco Ranch Blvd				
Task 1 - Roadway Design Phase	\$21,725.00	90%	\$13,035.00	\$6,517.50
Task 2 - Traffic Control Plan (TCP)	\$2,900.00	90%	\$1,740.00	\$870.00
Task 3 - Traffic Signal Modification	\$5,400.00	90%	\$3,240.00	\$1,620.00
Task 4 - Signing & Pavement Markings	\$1,500.00	90%	\$900.00	\$450.00
Task 5 - Construction Field Adjustments to Signal Timing	\$2,275.00			
Sub Total - I	\$33,800.00		\$18,915.00	\$9,457.50
Intersection-2: Fry Road at Seven Meadows Blvd				
Task 1 - Roadway Design Phase	\$15,775.00	90%	\$9,465.00	\$4,732.50
Task 2 - Traffic Control Plan (TCP)	\$4,500.00	90%	\$2,700.00	\$1,350.00
Task 3 - Traffic Signal Modification	\$1,500.00	90%	\$900.00	\$450.00
Task 4 - Signing & Pavement Markings	\$1,500.00	90%	\$900.00	\$450.00
Sub Total - II	\$23,275.00		\$13,965.00	\$6,982.50
Intersection-3: Fry Road at Grand Pkwy (SH 99)				
Task 1 - Roadway Design Phase	\$22,500.00	90%	\$13,500.00	\$6,750.00
Task 2 - Traffic Control Plan (TCP)	\$8,500.00	90%	\$5,100.00	\$2,550.00
Task 3 - Traffic Signal Modification	\$3,000.00	90%	\$1,800.00	\$900.00
Task 4 - Signing & Pavement Markings	\$3,000.00	90%	\$1,800.00	\$900.00
Task 5 - Construction Field Adjustments to Signal Timing	\$3,500.00			
Sub Total - III	\$40,500.00		\$22,200.00	\$11,100.00
Intersection-4: Westheimer Pkwy at Grand Pkwy (SH 99)				
Task 1 - Roadway Design Phase	\$24,500.00	90%	\$14,700.00	\$7,350.00
Task 2 - Traffic Control Plan (TCP)	\$3,500.00	90%	\$2,100.00	\$1,050.00
Task 3 - Signing & Pavement Markings	\$1,800.00	90%	\$1,080.00	\$540.00
Task 4 - Construction Field Adjustments to Signal Timing	\$4,150.00			
Sub Total - IV	\$33,950.00		\$17,880.00	\$8,940.00
Intersection-5: Fry Rd Median S-Concrete Curve at World Food Drive				
Task 1 - S-Concrete Curve Design Phase	\$7,775.00	90%	\$4,665.00	\$2,332.50
Task 2 - Traffic Control Plan (TCP)	\$2,775.00	90%	\$1,665.00	\$832.50
Task 3 - Signing & Pavement Markings	\$1,200.00	90%	\$720.00	\$360.00
Sub Total - V	\$11,750.00		\$7,050.00	\$3,525.00
Intersection-6: Westtheiemr at Commercial center Dr				
Task 1 - Modify Signal Operation to FY Arrow (FYA)	\$2,500.00	90%	\$1,500.00	\$750.00
Sub Total - VI	\$2,500.00		\$1,500.00	\$750.00
Basic Services Sub Total I thru VI	\$145,775.00			
SECTION-II				
Additional Services (Timing plans for different weekday and weekend peak periods)				
Task 1 -Fry Rd Signal Optimization & Field Implementation	\$9,000.00			
Task 2 -Westheimer Signal Optim. & Field Implementation	\$6,000.00			
Task 3 -Traffic Counts along Fry Rd (Wkday & Wkend)	\$3,700.00			
Additional Services Sub Total	\$18,700.00			
SECTION-III				
Miscellaneous Tasks & Expenses				
TxDOT Review, Submittal, Permit, Review Meetings	\$1,875.00	30%		\$562.50
Total Direct & Indirect Expenses	\$625.00	90%	\$375.00	\$187.50
Miscellaneous Tasks & Expenses Sub Total	\$2,500.00		\$375.00	
		Total-1	\$81,885.00	\$41,505.00

Supplement Authorization

SECTION-I <i>WORK TASK - BASIC SERVICES (CAD#1)</i>	TASK	%	Amount w/this Invoice #13FB102
	Fee	Complete	9/9/2013 (90%)
Cinco Ranch Blvd AT Westheimer Pkwy			
Task 1 - Roadway Design Phase	\$16,111.00	60%	\$9,666.60
Task 2 - Traffic Control Plan (TCP)	\$6,500.00	60%	\$3,900.00
Task 3 - Traffic Signal Modification	\$9,750.00	60%	\$8,775.00
Task 4 - Signing & Pavement Markings	\$1,500.00	60%	\$900.00
Sub Total - I	\$33,861.00		
SECTION-II			
SURVEY FOR ADDITIONAL RIGHT OF WAY			
Task 1 - Preparing the Metes and Bounds of Survey Description for Additional Right of Way, Revising & Recording the Final Survey.	\$5,164.00	100%	\$5,164.00
(Note: The above task is required for the proposed right turn lanes)			
Sub Total - II	\$5,164.00		
SECTION-III			
Miscellaneous Expenses			
Total Direct & Indirect Expenses	\$275.00		
Miscellaneous Expenses Sub Total-III	\$275.00	60%	\$165.00
Grand Total-A, Surveying & Expenses (Sub Total I thru III)	Engineering, \$39,300.00	Total-2	\$28,570.60