

HUITT-ZOLLARS

PO 132206
 Rec 341353
 12/22/15

AKP

1500 S. Dairy Ashford, Suite 200
 Houston, TX 77077-3858
 281.496.0066
 281.496.0220

INVOICE

Fort Bend County
 301 Jackson Street, 4th Floor
 Richmond, TX 77469
 Attention: Ms. Jillian Hernandez

December 18, 2015
 Project No. 13109
 Invoice No. 3024400102
 Purchase Order No. 132206

Professional Engineering Services in connection with Old Needville-Fairchild Road
 Reference P.O. Number 132206 and Contract 13109 dated October 13, 2015
 Period of Services from November 1, 2015 through November 28, 2015

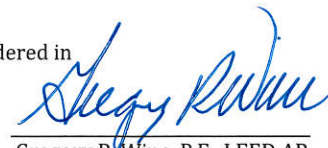
Summary	Authorized Budget	Authorized Amount Remaining	% Complete	Invoiced To Date	Previously Invoiced	Net This Invoice
Basic Services (LS)						
Task 1 Preliminary Design	LS \$94,420.00	\$56,652.00	40.00%	\$37,768.00	\$9,488.00	\$28,280.00
Task 2 Final Design	LS \$285,500.00	\$285,500.00	0.00%	\$0.00	\$0.00	\$0.00
Task 3 Bid & Construction	HR \$25,000.00	\$25,000.00	0.00%	\$0.00	\$0.00	\$0.00
Sub-Total Basic Services	\$404,920.00	\$367,152.00	9.33%	\$37,768.00	\$9,488.00	\$28,280.00
Additional Services (LS)						
Task 1 Topographic Survey	LS \$128,986.00	\$68,362.58	47.00%	\$60,623.42	\$0.00	\$60,623.42
Task 2 Parcel Acquisition	LS \$60,450.50	\$60,450.50	0.00%	\$0.00	\$0.00	\$0.00
Task 3 Abstracting & Title Research	LS \$36,575.00	\$36,575.00	0.00%	\$0.00	\$0.00	\$0.00
Task 4 Geotechnical Investigation	LS \$19,644.90	\$19,644.90	0.00%	\$0.00	\$0.00	\$0.00
Sub-Total Additional Services	\$245,656.40	\$185,032.98	24.68%	\$60,623.42	\$0.00	\$60,623.42
Total Basic Services + Additional Services	\$650,576.40	\$552,184.98	34.01%	\$98,391.42	\$9,488.00	

TOTAL AMOUNT DUE THIS INVOICE

\$88,903.42

*OK, JSS
 12/22/15*

I certify that the services represented by this bill are true and correct and have been rendered in accordance with the terms of this contract.

By: 
 Gregory R. Wine, P.E., LEED AP
 Senior Vice President

PROGRESS REPORT (Huitt-Zollars, Inc.)

FBC Project #: 13109

Project Description: Old Needville Fairchild Rd from FM 361 to Needville (3.43 Miles)

Invoice Period: 11/01/15 to 11/28/15

Invoice Number: 3024400102

Activities performed this period:

- 1. Preliminary Engineering Report (PER):** The PER is being prepared based on the available data and research such as GIS Shape Files, Google Street View, etc. since surveying commenced in November 2015. Huitt-Zollars (HZ) prepared a draft of the Existing Conditions for this project based on the available information which will be subject to change based on the survey information to be received later. Prepared Exhibits for the PER report such as Vicinity Map Exhibit, Overall Location and Project Limits, etc.
- 2. Existing and Proposed Typical Section:** Prepared existing Typical Section and Proposed Typical Section to be used in the PER based on the preliminary information available. These Typical Sections will be updated once complete survey information is available.
- 3. Utility Coordination:** Reached out to all the probable utility companies within the project area for utility records, general notes and their design criteria for road crossings. The utility log was updated with all the responses received so far from the utility companies. HZ is awaiting response from a few utility companies such as Phillips 66, XO Communications, etc. HZ received a response from a few utility companies such as AT&T, CenterPoint, Enterprise Crude, etc.
- 4. Traffic Control Plan Sequence of Construction:** Prepared a sequence of construction and traffic control plan typical sections while avoiding a need to build temporary pavement.
- 5. Drainage Design and Research:** Prepared Overall Drainage Area Map and Roadside Ditch Drainage Area Map. HZ determined the Fort Bend County Drainage District requirements for this project. HZ determined the limits of floodplain within the project. HZ calculated increase in the Impervious Area for this project. The average typical size of the swale was determined based on Hydraulic Calculations. GIS Exhibits were prepared for the Overall & Roadside Ditch Drainage Areas to be used in the PER report.

- 6. Coordination with nearby Cities of Needville and Fairchild:** HZ coordinated with neighboring cities of Needville and Fairchild for any specific requirements because the project is within their Extra Territorial Jurisdiction (ETJ).

Planned Activities for next period:

- 1. Preliminary Engineering Report (PER):** Continue to preparing PER based on the available data and research.
- 2. Existing and Proposed Typical Section:** Enhance the existing Typical Section and Proposed Typical Section based on the survey data to be received.
- 3. Utility Coordination:** Continue to reach out to all the utility companies within the project area that have not responded for utility records, general notes and their design criteria for road crossings. Coordinate with CenterPoint and Phonoscope for the relocation of their power poles and telephone cables along the east side of the project.
- 4. Traffic Control Plan:** Prepare Advance Warning Layout, Traffic Control Detour Plan, Traffic Control General Notes, Traffic Control Phases, etc.
- 5. Roadway Design:** Prepare horizontal alignment, proposed roadway plan file, define the limits of the traffic lane, shoulders, top of berm, etc. Identify conflicts with existing utilities or existing structures such as fences, culverts, etc.
- 6. Drainage Design and Research:** Design the roadside ditches, cross culverts, parallel culverts and outfalls, prepare detention calculations, prepare drainage write up for the PER report etc. Prepare proposed drainage file showing the proposed culvert and proposed swales, etc.

Issues / Concerns:

- None at this time.

Abasolo, Kellie

From: Tommy V. Cromer <tvc@binkleybarfield.com>
Sent: Thursday, December 17, 2015 4:23 PM
To: Abasolo, Kellie
Cc: Timothy J. Lyng; Gampa, Chaitanya; Hall, Linda
Subject: RE: FBC - Old Needville-Fairchild Rd - HZ Inv 2 DRAFT

Kellie,

This email can be used as BBI's approval for your progress report and invoice #3024400102 for the time period 11/1/2015 thru 11/28/2015.

Please send this email along with your progress report and invoice to Fort Bend County for processing.

Thanks,

Tommy V. Cromer, P.E.
Binkley & Barfield, Inc.
Senior Project Manager
713-869-3433

From: Abasolo, Kellie [mailto:kabasolo@Huitt-Zollars.com]
Sent: Tuesday, December 15, 2015 10:01 AM
To: Tommy V. Cromer <tvc@binkleybarfield.com>
Cc: Timothy J. Lyng <TLyng@binkleybarfield.com>; Gampa, Chaitanya <cgampa@Huitt-Zollars.com>; Hall, Linda <LHall@Huitt-Zollars.com>
Subject: FBC - Old Needville-Fairchild Rd - HZ Inv 2 DRAFT

Good morning.

Please find attached the second billing draft and corresponding progress report for your review and approval to submit to Fort Bend County. Additionally, we have attached the project schedule for your review.

Please contact our office with any questions. Thank you.

Have a nice day.

Kellie Abasolo
Ext. 10502



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www.huitt-zollars.com