

HUITT-ZOLIARS

PO 132206
Rec 344970
1/25/16

app

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Houston, TX 77077-3858
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INVOICE

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

January 18, 2016
Project No. 13109
Invoice No. 3024400103
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 29, 2015 through January 02, 2016

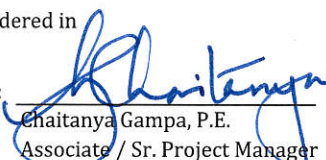
Summary	Authorized Budget	Authorized Amount Remaining	% Complete	Invoiced To Date	Previously Invoiced	Net This Invoice
Basic Services (LS)						
Task 1 Preliminary Design	LS \$94,420.00	\$33,047.00	65.00%	\$61,373.00	\$37,768.00	\$23,605.00
Task 2 Final Design	LS \$285,500.00	\$285,500.00	0.00%	\$0.00	\$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	\$343,547.00	15.16%	\$61,373.00	\$37,768.00	\$23,605.00
Additional Services (LS)						
Task 1 Topographic Survey	LS \$128,986.00	\$50,343.24	60.97%	\$78,642.76	\$60,623.42	\$18,019.34
Task 2 Parcel Acquisition	LS \$60,450.50	\$57,427.98	5.00%	\$3,022.53	\$0.00	\$3,022.53
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	\$163,991.11	33.24%	\$81,665.29	\$60,623.42	\$21,041.87
Total Basic Services + Additional Services	\$650,576.40	\$507,538.11	21.99%	\$143,038.29	\$98,391.42	

TOTAL AMOUNT DUE THIS INVOICE

\$44,646.87

DK, JSS
01/25/16

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: 
Chaitanya Gampa, P.E.
Associate / Sr. Project Manager

PROGRESS REPORT (Huitt-Zollars, Inc.)

FBC Project #: 13109

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

Invoice Period: 11/29/15 to 01/02/16

Invoice Number: 3024400103

Activities performed this period:

- 1. Review Survey Information Received:** Huitt-Zollars (HZ) received the first draft of actual survey file from surveyor Kelly Kaluza & Associates (KKA) on December 3rd, 2015. This survey information was reviewed and it was determined that three offsite ditches need to be surveyed additionally. KKA performed the required survey and sent the second draft of the survey file on December 17th. HZ reviewed the second draft and it was found to be satisfactory.
- 2. Preliminary Engineering Report (PER):** The PER was initially being prepared based on the available data and research such as GIS Shape Files, Google Street View, etc. since surveying commenced in November 2015. HZ updated the PER based on the survey data received. The PER was updated with the latest information from survey and additional information was added.
- 3. Existing and Proposed Typical Section:** The Typical Sections were updated based on the survey information available.
- 4. 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 continued efforts to reach out to a few utility companies such as Phillips 66, XO Communications, etc. who have not yet responded to repeated requests. HZ received a response from a few utility companies such as AT&T, CenterPoint, Enterprise Crude, etc.
- 5. Proposed Alignment and Roadway:** Prepared proposed roadway alignment and proposed pavement file determining the limits of proposed work. Proposed driveway locations were added to the proposed pavement file.
- 6. Drainage Design and Research:** Designed the roadside ditches and prepared detention calculations, prepare drainage write up for the PER report etc. HZ started preparing proposed drainage file showing the proposed culvert and proposed swales, etc.

Planned Activities for next period:

- 1. Preliminary Engineering Report (PER):** Complete the PER with complete recommendations, engineering analysis and probable cost of construction.
- 2. Roadway Design and GeoPAK Work:** Create DTM file from the ASCII Points. Cut existing profiles at centerline and proposed right of way. Prepare proposed roadway and ditch profile.
- 3. Proposed Plan and Profile Sheet:** Prepare Plan and Profile Sheets. Add labels
- 4. Proposed Right of Way Take:** Prepare a list of proposed right of way takes for all the properties along the project. Compile complete information of the size of right of way take for each property.
- 5. 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. Identify and coordinate any utility conflicts in the project.
- 6. Traffic Control Plan:** Prepare Advance Warning Layout, Traffic Control Detour Plan, Traffic Control General Notes, Traffic Control Phases, etc.
- 7. Drainage Design and Research:** Design the cross culverts, parallel culverts and outfalls. Finish the drainage write up for the PER report etc. Finish preparing the 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: Monday, January 18, 2016 1:40 PM
To: Abasolo, Kellie
Cc: Timothy J. Lyng; Gampa, Chaitanya; Hall, Linda
Subject: RE: FBC - Old Needville-Fairchild Rd - HZ Inv 3 DRAFT

Kellie,

This email can be used as your BBI approval of your invoice No. 3024400103 for the Old Needville-Fairchild Road project. Please forward this email along with your invoice and progress report to FBC for processing.

Thanks, and let me know if you have any questions.

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

From: Abasolo, Kellie [mailto:kabasolo@Huitt-Zollars.com]
Sent: Wednesday, January 13, 2016 11:49 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 3 DRAFT

Good morning.

Happy New Year to you both!

Please find attached the third 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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