



PO 129594
 Rec 306880
 7/20/16

MP

INVOICE NO. FBC2016-LUDWIG4

JULY 11, 2016

INVOICE TO:
 RICHARD W. STOLLEIS, P.E.
 COUNTY ENGINEER
 FORT BEND COUNTY
 301 JACKSON STREET
 RICHMOND, TEXAS 77469

REFERENCE PROJECT:
 FORT BEND COUNTY 2013 MOBILITY BOND PROGRAM
 LUDWIG ROAD
 LIMITS: DULLES AVENUE TO BRAND LANE
 PROJECT NUMBER 13208
 P.O. NUMBER 129594

SERVICE PERIOD: MAY 7, 2016 TO JULY 11, 2016

DESCRIPTION: PROFESSIONAL ENGINEERING SERVICES

SCOPE OF WORK	CONTRACT MAXIMUM FEE TOTAL	AMOUNT AUTHORIZED TO DATE	PERCENT COMPLETE TO DATE	AMOUNT INVOICED TO DATE	AMOUNT PREVIOUSLY INVOICED	AMOUNT PAID TO DATE	AMOUNT DUE THIS INVOICE
PRELIMINARY DESIGN	\$41,570.00	\$41,570.00	100.00%	\$41,570.00	\$41,570.00	\$41,570.00	\$0.00
FINAL DESIGN	\$102,564.00	\$102,564.00	70.00%	\$71,794.80	\$0.00	\$0.00	\$71,794.80
BID AND CONSTRUCTION PHASE SERVICES	\$26,336.00	\$26,336.00	0.00%	\$0.00	\$0.00	\$0.00	\$0.00
SUBTOTAL	\$170,470.00	\$170,470.00		\$113,364.80	\$41,570.00	\$41,570.00	\$71,794.80
SUBTOTAL AMOUNT DUE THESE INVOICE							\$71,794.80
TOTAL AMOUNT DUE THESE INVOICE							\$71,794.80

I CERTIFY THIS INVOICE TO BE TRUE AND CORRECT:

Epifanio E. Salazar, Jr., P.E.

EPIFANIO E. SALAZAR, JR., P.E.
 PRINCIPAL

*OK, JAS
 07/20/16*



PROJECT STATUS/PROGRESS REPORT NUMBER 4

Reference Project:

Fort Bend County 2013 Mobility Bond Program

Ludwig Road

Limits: Dulles Avenue To Brand Lane

Project Number 13208

P.O. Number 129594

Project Status (Final Design) From May 7, 2016 To July 11, 2016:

Establish a Typical Cross Section – 100% Complete

Determine ROW Acquisition Needs – 70% Complete

Determine Potential Conflicts with existing facilities & utilities – 70% Complete

Identify Critical Path Items – 70% Complete

Identify Problem Areas and Potential Resolutions – 70% Complete

Site Visit – 100% Complete

Prepare a Construction Cost Estimate – 70% Complete

Prepare 70% Completion Plans – 100% Complete

Utility Coordination – 70% Complete

Topographic Survey – 100% Complete

Control & Monumentation - Prepare Survey Control Map – 100% Complete

Right-of-way Parcel Exhibits – 70% Complete

Geotechnical Investigation – 100% Complete

Project Management & Meetings – 70% Complete

Planned Activities For Next 30 Days:

1. SES submitted 70% Completion Final Design Plans and Documents to KLOTZ/FBC on July 11, 2016.
2. SES met with KLOTZ/FBC and the FBC Drainage District (Mark Vogler) on April 28, 2016 to coordinate and address existing and proposed tailwater elevations on Stafford Run @ Brand Lane. The subject tailwater elevations have a direct impact on the proposed drainage system of Ludwig Road. Mark Vogler has agreed to utilize the proposed 25 year tailwater elevation established by SES based on the revised 100 year tailwater elevation calculated by Cobb Fendley Associates, Inc. for Stafford Run @ Brand Lane. SES proceeded with the completion of the Final Design 70% Completion Plan Set for this project referenced in Item 1. above.
3. SES will proceed with the development of the 90% submittal for this project.

Final Design Progress Report Number 4
Reference Project:
Fort Bend County 2013 Mobility Bond Program
Ludwig Road
Limits: Dulles Avenue To Brand Lane
Project Number 13208
P.O. Number 129594
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Action Items from KLOTZ/FBC Next 30 Days:

4. Continue utility coordination for the project.
 5. Approve the draft Geotechnical Investigation.
 6. Confirm that the project has environmental clearance.
 7. Review and provide comment for the 70% Completion Final Design Plans and Documents in item 1. above.
 8. Review, assess and approve the required right of way for this project.
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FORT BEND COUNTY, TEXAS
PURCHASE ORDER

P.O.NUMBER: 129594

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P.O.DATE: 9/3/2015

DELIVERY BY: 9/3/2015

BUYER: Danita Canty

VENDOR: 19087

SES HORIZON CONSULTING ENGR
ENGINEERS, INC

10101 SOUTHWEST FWY, STE 400
HOUSTON TX 77074
EPI-SALAZAR

SHIP TO: ENGINEERING

301 JACKSON STREET 4th FLOOR
RICHMOND TX 77469

BILL TO: COUNTY AUDITOR

301 JACKSON
RICHMOND, TX 77469

DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTEND COST
1 LUDWIG RD - 13208 LUDWIG RD from Dulles Ave to B	170.470	EA	\$1.00	\$170,470.00

SOQ 14-025 approved in CC funds not to exceed 170,470.00.
LUDWIG RD from Dulles Ave to Brand Ln

GRAND TOTAL: \$170,470.00

Peterson, Jillian

From: Don Durgin <Don.Durgin@klotz.com>
Sent: Monday, July 18, 2016 2:07 PM
To: Peterson, Jillian
Subject: 13208 Ludwig Invoice 004
Attachments: 13208 Ludwig Invoice 004.pdf

Jillian,

I have reviewed the attached invoice and progress report and recommend approval. Please process for payment.
Thanks.

Donald M. Durgin, P.E.
Transportation Practice Manager - RPS Klotz Associates
1160 Dairy Ashford, Suite 500
Houston, Texas, 77079
Tel: 281 589 7257
Mobile: 713 269 3913
Email: Don.Durgin@klotz.com
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