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October 14, 2010

Fort Bend County Engineering  
1124-52 Blume Rd. P.O. Box 1449  
Rosenberg, TX 77471

Attn: D. Jesse Hegemier

Sequence No. 25  
P.O. No. 15769  
Invoice No. 6425  
Project: Ransom Rd. Widening, Pct. 1.  
Project No. 08229846  
FBC Project No. 747  
SPI NO. 300701.08

Engineering Services for September 1, 2010 to September 30, 2010  
Ransom Road: From River Park to Main Street in Fort Bend County and Richmond Texas

Contract Limits	Percent Complete	Invoiced to Date	Previously Invoiced	Amount of Invoice
WA #1 Presentation to Court \$5,000.00	100%	\$5,000.00	\$5,000.00	\$0.00
PER Update \$24,186.00	100%	\$24,186.00	\$24,186.00	\$0.00
WA #2 Richmond Extension Analysis \$9,205.00	100%	\$9,205.00	\$9,205.00	\$0.00
WA #3 TIA/Traffic Analysis \$29,938.00	100%	\$29,938.00	\$29,938.00	\$0.00
WA #4 Final Design Services \$1,061,838.00 *** includes SWA #1 of \$58,255.00 *** includes SWA #2 of \$53,058.00 *** includes SWA #3 of \$360,176.00	92%	\$977,692.78	\$970,112.30	\$7,580.48
WA #5 Bid and Construction Phase \$39,834.00	31%	\$12,238.24	\$0.00	\$12,238.24

Total Due This Invoice **\$19,818.72**

Thank You  
Othon, Inc.

for Madhi E. Kani  
James G. Darden, P.E.

Chief Engineer Transportation

OK  
DJA

October 1, 2010

Fort Bend County Engineering  
1124-52 Blume Rd. P.O. Box 1449  
Rosenberg, TX 77471

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P.O. No. 15769  
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**Engineering Services for September 1, 2010 to September 30, 2010**  
**Ransom Road: From River Park to Main Street in Fort Bend County and Richmond Texas**

**WA #5 Detail**

Personnel	Classification	Hours	Rate	Labor
Charles Othon	Project Manager	24.0	\$55.29	\$1,326.96
Frank Olshefski	Sr Project Engineer	2.0	\$54.99	\$109.98
Jim Darden	Project Manager	1.0	\$54.56	\$54.56
Ran Li	Sr. Project Engineer	33.5	\$50.00	\$1,675.00
Cliff Thomas	Sr Design Tech	0.5	\$28.89	\$14.45
John Ivery	Project Engineer	4.0	\$39.00	\$156.00
Juan Toro	QA/QC	8.0	\$44.25	\$354.00
Tracy Pham	Sr. CADD Tech	15.0	\$31.21	\$468.15
Sara Thompkins	Administrative	5.5	\$19.13	\$105.22
Total		93.5		\$4,264.31
Overhead			1.56	\$6,652.32
				\$10,916.63
Operating Margin			0.12	\$1,310.00
Total Labor				\$12,226.63
Expenses				\$11.61
	(Delivery)		\$11.61	
			\$11.61	
			<b>Total due This Invoice</b>	<b>\$12,238.24</b>
			Invoiced to Date	\$12,238.24
			Amount Previously Invoiced	\$0.00

# **RANSOM ROAD**

## **WORK AUTHORIZATION #1, #2, #3, #4**

### **SEPTEMBER 1, 2010 THROUGH SEPTEMBER 30, 2010 PROGRESS REPORT**

#### **SERVICES TO BE PROVIDED BY THE ENGINEER**

The scope of engineering services to be provided by the Engineer shall consist of completing the project engineering for widening approximately 2.5 miles of Ransom Road in Fort Bend County, Texas. The engineering services for Work Authorization #1 shall be for the PER update and the preparation of a power point presentation to the Fort Bend County Commissioners Court. The engineering services for Work Authorization #2 shall be to evaluate alternative designs for the intersection of Ransom Road at Loop 762 in Richmond, Texas. Work Authorization #3 shall be to prepare a TIA for the proposed courthouse complex to be constructed by Fort Bend County on Ransom Road in Richmond, Texas and prepare a traffic analysis for alternate designs for the intersection of Ransom Road at Loop 762. Work Authorization #4 shall be for the preparation of the construction plans, specifications and estimate for the final design of the roadway widening of Ransom Road from northwest of Wheaton Street to Williams Way Boulevard.

Work Authorization No. 4 (**WA #4**) has been amended with the following Supplemental Work Authorizations:

**Supplemental Work Authorization No. 1 (SWA #1, Approved July 2009):** Repackage original project limits into two separate PS&E packages; Phase 1 from Pilgrims to Williams Way and Phase 2 from Wheaton to Pilgrim. Prepare utility adjustment design and PS&E for the adjustment of 12" Waterline and 16" Force Main within the Phase 1 project limits.

**Supplemental Work Authorization No. 2 (SWA #2, Approved January 2010):** Prepare the horizontal and vertical design for revising the current open ditch design to proposed curb and gutter with Storm Sewer for Phase 1 and Phase 2. Prepare the conceptual drainage design with alternative outfall considerations, preliminary detention analysis, Master Drainage Report Update and preliminary storm sewer design to accommodate the curb and gutter design.

**Supplemental Work Authorization No. 3 (SWA #3, Approved February 2010):** Supplemental WA No. 3 will provide for the completion of the design and preparation of the Plans, Specifications and Estimates for the Project, Phase 1 and Phase 2 for the revisions related to redesign from the original proposed open ditch design to curb and gutter design including storm sewer as described in SWA #2.

#### **Engineering Services:**

**WA #1** – 100% Complete

**WA #2** – 100% Complete

**WA #3** – 100% Complete

**WA #4** – 92% Complete, Includes SWA 1, 2 and 3

**WA #5** – 35% Complete (Bidding and Construction Services)

**Design Activities (from September 1, 2010 through September 30, 2010):**

**PHASE 1:**

Phase 1 PS&E is complete, submitted, bid and awarded in September 2010.

**PHASE 2:**

Work on Ransom Phase 2, as described above is complete to the 85% stage of development. In September, work continues with completion of the roadway plan and profile geometrics, evaluation of utility conflicts, and continuing coordination for the proposed Gulfview Outfall. The revision in outfall from Rabbs Bayou to Gulfview requires additional coordination with the City of Richmond Drainage Study, and coordination of project flows and detention.

It is anticipated that these details will be resolved in early October 2010, and plans will be submitted for a 50% over the shoulder review by SPI in November 2010.

**WA #5 (Bidding and Construction Services):**

Work associated with WA#5 in September includes the following:

- Preparation and submittal of Drainage culvert design in Phase 1 for the CenterPoint Energy easement crossing for the proposed LID6 channel.
- Attendance and participation at Construction Pre-bid Meeting.
- Preparation of Addendum associated with question and responses to Pre-Bid Meeting issues.
- Revision to CPE Easement Grant to Others Exhibits and survey. Assistance to SPI in obtaining necessary Grant to Others for the LID6 CPE Crossing.

**MEETINGS**

<b><u>DATE</u></b>	<b><u>PURPOSE</u></b>	<b><u>ATTENDEES</u></b>
9-9-10	Pre-Bid Meeting at Fort Bend County	FBC, SPI, Othon, Contractors

**PROPOSED TASKS FOR OCTOBER 2010**

- Continue to coordinate and resolve drainage issues related to proposed Phase 2 outfall at Gulfview Drive with City of Richmond and County.
- Continue various design activities for Phase 2 (continued refinement of typical section, intersections, preliminary drainage, traffic control, pavement marking and signing, etc.).
- Prepare Interim Drawing Submittal to SPI for Phase 2 in November 2010, pending resolution of Gulfview Drainage.