

December 16, 2010

Mr. D. Jesse Hegemier, P.E.  
County Engineer  
Fort Bend County  
1124 Blume Road  
Rosenberg, Texas 77471

Re: Invoice No. 27 for Ransom Road (FBC Project No. 747)  
Partial Payment for Work Authorization Nos. 4 and 5

Project No. 300701.12

Dear Mr. Hegemier:

We have reviewed the enclosed invoice by Othon, Inc., and recommend payment in the amount of \$18,183.60, as submitted. The contract amount of \$1,170.00.00 for Othon was authorized in Work Authorizations 1 through 5. The percentages of completion for which the services have been invoiced appear to be consistent with the actual amount of work completed. Othon has also prepared a progress report, which is attached to the invoice for your review.

Please call me if you have any questions.

Sincerely,



Peter A. Ring, P.E.  
Project Manager

PAR/bl

Enclosure



OTHON, INC.  
11111 Wilcrest Green, Suite 128  
Houston, Texas 77042

CONSULTING ENGINEERS  
Civil, Transportation, Environmental,  
Construction Management

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December 10, 2010

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

Attn: D. Jesse Hegemier

Sequence No. 27  
P.O. No. 15769  
Invoice No. 6526  
Project: Ransom Rd. Widening, Pct. 1.  
Project No. 08229846  
FBC Project No. 747  
SPI NO. 300701.08

**Engineering Services for October 1, 2010 to October 31, 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	94%	\$1,001,746.81	\$988,383.46	\$13,363.35
WA #5 Bid and Construction Phase \$39,834.00	50%	\$19,827.09	\$15,006.84	\$4,820.25

Total Due This Invoice

**\$18,183.60**

Thank You  
Othon, Inc.

James G. Darden, P.E.  
Chief Engineer Transportation

OK  
BTH



December 10, 2010

Fort Bend County Engineering  
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Rosenberg, TX 77471

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**Engineering Services for October 1, 2010 to October 31, 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	23.0	\$55.29	\$1,271.67
Frank Olshefski	Sr Project Engineer	0.0	\$54.99	\$0.00
Jim Darden	Project Manager	0.0	\$54.56	\$0.00
Ran Li	Sr. Project Engineer	0.0	\$50.00	\$0.00
Cliff Thomas	Sr Design Tech	0.0	\$28.89	\$0.00
John Ivery	Project Engineer	10.5	\$39.00	\$409.50
Juan Toro	QA/QC	0.0	\$44.25	\$0.00
Tracy Pham	Sr. CADD Tech	0.0	\$31.21	\$0.00
Sara Thompkins	Administrative	0.0	\$19.13	\$0.00
Total		33.5		\$1,681.17
Overhead			1.56	\$2,622.63
				\$4,303.80
Operating Margin			0.12	\$516.46
Total Labor				\$4,820.25

Expenses \$0.00

(Delivery) \$0.00  
\$0.00

**Total due This Invoice \$4,820.25**

Invoiced to Date \$19,827.09

Amount Previously Invoiced \$15,006.84

# **RANSOM ROAD**

## **WORK AUTHORIZATION #1, #2, #3, #4, #5**

### **NOVEMBER 1, 2010 THROUGH NOVEMBER 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.

Work Authorization No. 5 (**WA #5**) has been approved and authorized as of September 2010. This authorization provides for engineering services related to the bidding and award phase of the project, as well as construction related services as required.

#### 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** – 38% Complete (Bidding and Construction Services)



### **Design Activities (from November 1, 2010 through December 3, 2010):**

#### **PHASE 1:**

Phase 1 PS&E is complete, submitted, bid and awarded in September 2010. See WA #5 for ongoing construction related services.

#### **PHASE 2:**

Work on Ransom Phase 2, as described above is nearing the 90% stage of development, and a pre-final submittal to SPI is expected in December 2010. In November 2010, work related to the roadway plan and profile geometrics, median opening and driveway design, evaluation of utility conflicts, and coordination for the proposed Gulfview Outfall continues.

Comments are addressed as received from the City Engineer regarding: the current roadway profile design, the proposed storm sewer design approach, related issues regarding the Gulfview outfall, and agreement to establish 100 year water surface elevation necessary for storm sewer design, as well as geometric issues at the intersection of Ransom and Hillcrest. Othon is continuing to coordinate this information with their drainage sub consultant, LCR.

The intersection geometric design at the Hillcrest intersection (Justice Center Entryway) is updated to accommodate construction limits through entirety of intersection. Transition edge of pavement to existing roadway are revised and updated accordingly.

The revised Traffic control phasing continues to be developed to 90% completion stage.

Continued coordination of Storm Sewer and Roadway Plans in progress for completion of storm sewer plan and profile drawings. Continued coordination for outfall requirements at Rabb's Bayou and Golfview remain in progress.

Update to Roadway Signing and Striping, and traffic control plan development is nearing completion for Phase 2 geometric updates.

It is anticipated plans will be submitted for an interim over-the-shoulder review by SPI in December 2010.

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

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

- Completed and submitted final signed and sealed drawings with estimate for Drainage culvert design in Phase 1 for the CenterPoint Energy easement crossing for the proposed LID6 channel to be issued as CO No. 1.
- Completed and submitted final signed and sealed drawings with estimate for requested revisions related to utility adjustment sheets (revise call outs and quantities for Plug and Abandon Force Main).
- Attended Preconstruction Meeting (2 meetings)
- Assistance to County in reviewing estimated costs associated with the Waterline and Force Main adjustments.
- 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>DATE</b>	<b>PURPOSE</b>	<b>ATTENDEES</b>
11-15-10	Preconstruction	County, SPI, Paradigm, Othon
12-02-10	Preconstruction	Contractor, County, SPI, Paradigm, Othon
11-04-10	Drainage Coordination Meeting	LCR, Othon

#### **PROPOSED TASKS FOR DECEMBER 2010**

- Complete design activities for Phase 2 (roadway and storm sewer plan and profiles, update of typical section, intersections, preliminary drainage, traffic control, pavement marking and signing, SWPPP, and update of utility conflict lists).
- Prepare Interim Pre-Final Drawing Submittal to SPI for Phase 2 in December 2010.