

December 28, 2011

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

Re: Invoice No. 33 for Ransom Road (FBC Project No. 747)
Partial Payment for Work Authorization Nos. 3 and 4

Project No. 300701.12

Dear Mr. Hegemier:

We have reviewed the enclosed invoice by Othon, Inc., and recommend payment in the amount of \$32,175.60, as submitted. 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/tb

Enclosure



OTHON, INC.
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Houston, Texas 77042

CONSULTING ENGINEERS
Civil, Transportation, Environmental,
Construction Management

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December 8, 2011

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

Attn: D. Jesse Hegemier

Sequence No. 33
P.O. No. 15769
Invoice No. 6885
Project: Ransom Rd. Widening, Pct. 1.
Project No. 08229846
FBC Project No. 747
SPI NO. 300701.08

Engineering Services for November 1, 2011 to November 30, 2011
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 \$9,204.00	100%	\$9,204.00	\$9,204.00	\$0.00
WA #3 TIA/Traffic Analysis \$29,938.00	100%	\$29,938.00	\$29,938.00	\$0.00
WA#3 SWA#1 \$34,318.00	61%	\$20,949.99	20,949.99	\$0.00
WA #4 Final Design Services \$1,162,779.00 *** includes SWA #1 of \$58,225.00 *** includes SWA #2 of \$53,058.00 *** includes SWA #3 of \$360,176.00 ***includes SWA #5 \$100,941.00	98.43%	\$1,144,581.04	\$1,112,405.44	\$32,175.60
WA #5 Bid and Construction Phase \$39,834.00	90%	\$35,789.69	\$35,789.69	\$0.00
WA #5 SWA #2 \$29,741.00	0%	\$0.00	\$0.00	\$0.00
Total Contract Amount \$1,335,000.00	Total % Complete 95%	Total Invoiced to Date \$1,269,648.72	Total Prev Invoiced \$1,237,473.12	

Thank You
Othon, Inc.

Total Due This Invoice \$32,175.60

Charles A Othon
Project Manager

RANSOM ROAD

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

November 1, 2011 through November 30, 2011 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:

WA 4, 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.

WA 4, 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.

WA 4, 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.

WA4 Supplemental Work Authorization No. 4 (SWA #4, Approved May 2011): Extend WA 4 Contract Termination from December 31, 2010 to December 31, 2012

WA 4, Supplemental Work Authorization No. 5 (SWA #5, Approved October 2011): Supplemental WA No. 5 will provide for the revision of plans (Phase 2) related to a correction to ROW located in the area of the Eugene Heimann Justice Center. This revision will require a modified geometric to adjust the roadway within revised ROW widths, including the adjustment of storm sewers, traffic control plans, typical sections and utility plans within these limits.

Work Authorization No. 5 (**WA #5**) has been added including the following Supplemental Work Authorizations:

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 related to Phase 1 of the project, as well as construction related services as required.

WA 5, Supplemental Work Authorization No. 1 (Approved January 17, 2011): Extend WA5 Contract Termination from December 31, 2010 to December 31, 2012)

WA 5 Supplemental Work Authorization No. 2 (Approved October 2011): This authorization provides for engineering services related to the bidding and award phase of the project related to Phase 2 of the project, as well as construction related services as required.

Work Authorization No. 3 (**WA #3**) has been amended with the following Supplemental Work Authorizations:

WA 3, Supplemental Work Authorization No. 1 (SWA #1, Approved October 2011): Provide traffic studies for the proposed Front Street rehabilitation project (design not included in this contract).

Engineering Services:

WA #1 – 100% Complete

WA #2 – 100% Complete

WA #3 – 100% Complete

WA #3, SWA 1 – 61% Complete

WA #4 – 100% Complete, Includes SWA 1, 2, 3

WA #4, SWA 5 – 82% Complete

WA #5 – 51% Complete (Bidding and Construction Services), Includes SWA 1, SWA2

Design Activities (August 1, 2011 through October 30, 2011):

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:

The plans, specifications and estimate have been substantially completed to the 100% stage of design as of March 31, 2011 for Phase 2 of the William's Way PS&E task.

PHASE 2 REVISIONS (WA4, SW5):

In March 2011, during coordination with Justice Center Eugene Heimann Circle designers, it has been discovered that previous ROW plat provided by County, and used for the roadway design within the limits of the Justice Center, was in error. The correct plat has been confirmed by County. The result will be a revision to the final roadway design within these limits to revise the roadway radius from approximately 1320'R to 820'R. This revision, along with some additional drainage revisions required by the Justice Center design, is being evaluated by Othon for a supplemental work authorization proposal.

Design Progress WA4, SWA 5:

TASK 1 – Revise Roadway Geometrics (Horizontal and Vertical)

100% Complete. Updated geometrics are prepared and incorporated into final design documents.

TASK 2 – Revise Typical Sections

100% Complete.

TASK 3 – Revise Roadway Plan and Profile

80% Complete. Updated geometrics and utility evaluation completed and updates to plan and profile sheets. Storm sewer evaluation and final grade in progress.

TASK 4 –Eugene Heimann Circle Intersection Design

100% Complete. Intersection design is completed and coordination with City of Richmond has been performed.

TASK 5 – Revise Storm Sewer and SWPPP

80% Complete. Preliminary Storm Sewer Design and SWPPP layouts are complete, and under QA/QC review. Drainage area boundaries have been redesigned due to the revisions required by the ROW change, and hydraulic calculations are complete and coordinated with the City of Richmond.

TASK 6 – Revise Geopak Cross Sections

90% Complete. Geopak Cross sections are complete, incorporating the revised roadway geometrics. Final completion pending the inclusion of sidewalks and Storm sewer elements to the cross sections.

TASK 7 – Revise Traffic Control Plans

70% Complete. Preliminary traffic control plans are completed. The evaluation of storm sewer and utility adjustments remaining is in progress.

TASK 8 – Utility Evaluation

60% Complete. Utility evaluation and adjustment completed based on revised roadway geometrics. Evaluation of proposed storm sewer conflicts remains in progress.

TASK 9 – Revise Signing and Pavement Markings

60% Complete. Update of the signing and pavement marking plans due to the revised roadway geometrics is in progress.

TASK 10 – Update Survey

100% Complete.

TASK 11 – Utility Adjustment Design

50% Complete. Evaluation and preliminary utility relocation concepts are completed. Evaluation of proposed storm sewer accommodation is in progress. Final design of utility adjustments scheduled for early January 2012.

WA #5 (Bidding and Construction Services):

- No work reported this period.

MEETINGS -

<u>DATE</u>	<u>PURPOSE</u>	<u>ATTENDEES</u>
11-30-2011	Field Meeting – Proposed ITS Duct Bank Location	FB County, SPI, Othon, LCR

Several internal meetings with Subconsultant this period.

PROPOSED TASKS FOR December 2011

1. Complete WA 4, SWA 5 design to 90% stage.
2. Complete WA 3, SWA 2 Traffic Analyses.