September 14, 2010

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

Re:

Invoice No. 24 for Ransom Road (FBC Project No. 747)

Partial Payment for Work Authorization No. 4

Project No. 300701.12

Dear Mr. Hegemier:

We have reviewed the enclosed invoice by Othon, Inc., and recommend payment in the amount of \$37,872.45, as submitted. The contract amount of \$1,130,166.00 for Othon was authorized in Work Authorizations 1 through 4. 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

it a Rig

PAR/bl

Enclosure



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

CONSULTING ENGINEERS Civil, Transportation, Environmental, Construction Management

713 975 8555 TEL 713 975 9068 FAX

othoncorp@othon.com E-MAIL www.othon.com WEBSITE

September 7, 2010

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

Attn: D. Jesse Hegemier

Sequence No.

24

P.O. No.

15769

Invoice No.

6384R

Project:

Ransom Rd. Widening, Pct. 1.

Project No. FBC Project No. 08229846

747

SPI NO.

300701.08

Engineering Services for August 1, 2010 to August 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				
Cichmond Extension Analysis	4000/	Para regression and M	120-200-20	
\$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	91%	\$950,948.54	\$932,239.85	\$37,872.45

\*\*\* includes SWA #1 of \$58,255.00 \*\*\* includes SWA #2 of \$53,058.00 \*\*\* includes SWA #3 of \$360,176.00

Total Due This Invoice

\$37,872.45

Thank You Othon,Inc.

James G. Darden, FIE. Chief Engineer Transportation

## **RANSOM ROAD**

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

# AUGUST 1, 2010 THROUGH AUGUST 31, 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:

<u>Supplemental Work Authorization No. 1 (SWA #1, Approved July 2009</u>): 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.

<u>Supplemental Work Authorization No. 2 (SWA #2, Approved January 2010</u>): 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

## Design Activities (from August 1, 2010 through August 31, 2010):

#### PHASE 1:

In general, August 2010 design activities for Phase 1 are complete and final plans submitted on August 30 to Fort Bend County Purchasing, Engineering and SPI. The critical outfall to the Del Webb Amenity Lake system is detailed and complete, review by the Wessendorff Property Engineer is completed and all parties are in agreement to the hydrological and hydraulic design.

In general, the following items were brought to resolution in the month of August 2010:

- Updated Hydrologic Master Drainage Study (Phase 1 and 2)
- Updated drainage area mapping, storm sewer trunk line, drainage laterals, inlets, outfall details
  and hydraulic calculations, relative to the Del Webb Outfall at station 82+00 and downstream
  revision to FB 121, related to the negotiations required with the adjacent property owner.
- Updated traffic control redesign relative to the final redesign of proposed storm sewer, and subsequent changes to temporary storm sewer elements. Addition of temporary pavement for future Ransom Phase 2 construction detour.
- Updated SWPPP drawings for revised traffic control and final storm sewer design.
- Updated Project Manual and Project Construction Estimate.
- Updated final utility adjustment design for 16" Waterline and 12" Force Main at approximate station 81+00 to 90+00, in coordination with final revision to proposed storm sewer trunk and lateral design.
- · Update of project title sheet, indexing, standards, etc.
- Revisions of driveways and easements.
- Revisions of existing and proposed fences.
- Revisions of pavement markings and signing.
- Final Sealing, production and assembly of deliverables.

#### PHASE 2:

Work on Ransom Phase 2, as described above is complete to the 85% stage, and remains on hold pending resolution of the Gulfview Dr. drainage solution, currently in negotiation between the City of Richmond and Fort Bend County.

#### **MEETINGS**

DATE PURPOSE ATTENDEES

No external meetings scheduled this period.

## PROPOSED TASKS FOR SEPTEMBER 2010

- 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 September 2010, pending resolution of Gulfview Drainage.