

May 13, 2010

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

Re: Invoice No. 20 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 \$63,518.40, 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

PAR/bl

Enclosure



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

713 975 8555 TEL
713 975 9068 FAX
othoncorp@othon.com E-MAIL
www.othon.com WEBSITE

CONSULTING ENGINEERS
Civil, Transportation, Environmental,
Construction Management

May 10, 2010

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

Attn: D. Jesse Hegemier


Sequence No. 20
P.O. No. 15769
Invoice No. 6229
Project: Ransom Rd. Widening, Pct. 1.
Project No. 08229846
FBC Project No. 747
SPI NO. 300701.08

Engineering Services for April 01, 2010 to April 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	81.5%	\$865,423.10	\$801,904.70	\$63,518.40
*** 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 **\$63,518.40**

Thank You
Othon, Inc.


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



RANSOM ROAD

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

APRIL 1, 2010 THROUGH APRIL 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 – 81% Complete, Includes SWA 1, 2 and 3

Design Activities (from April 1, 2010 through April 30, 2010):

PHASE 1:

In general, April 2010 design activities continued with the preparation and finalization of the 100% complete PS&E package for Phase 1 project limits as defined above. With the conclusion of the Del Webb outfall approach, storm sewer hydraulic calculations and final plan and profiles were substantially completed in April, along with the ongoing coordination and adjustment for the roadway plan and profile drawings. The critical outfall to the Del Webb Amenity Lake system is detailed and completed. The survey of easement and metes and bounds preparation for the Center Point Energy drainage easement (Parts 1 and 2) and the private property easement (Wessendorff Easement) are completed in April, as well as the LID 6 construction easement documentation.

With the completion of the 50% design review with SPI on March 22, 2010, the preparation of final construction documents, specifications and estimates are completed in April 2010. These activities, which are being processed to their 100% completion stage for submittal in early May, include the following major items:

- Completed Hydrologic Master Drainage Study (Phase 1 and 2)
- Completed final design of median openings, left turn bay accommodations, and roadway geometrics. Coordination with Property Owner (MELLON) in progress and is expected to be complete in May.
- Completed drainage area mapping, storm sewer trunk line, drainage laterals, inlets, outfall details and hydraulic calculations, including off-site ditch accommodation and back side interceptor ditch design.
- Completed redesign of traffic control plans with final proposed storm sewer accommodated, and design of temporary storm sewer elements. Included design of update temporary transition alignment and profile design at West Interface (station 55+00), update of traffic control narrative, and phased typical section drawings.
- Completed SWPPP drawings updated for revised traffic control and proposed storm sewer design.
- Completion of project transition design at West End, temporary Phase 1 interface, and East End, final roadway interface to existing concrete Boulevard and MUD 121.
- Completed update of signing and pavement marking design
- Completed preparation of Project Manual and Project Construction Estimate.
- Completed final utility adjustment design for 16" Waterline and 12" Force Main at approximate station 81+00 to 90+00, in coordination with final storm sewer trunk and lateral design.
- Design sections re-cut and updated for 100% design development.
- Completed update to project title sheet, indexing, standards.
- Continue to assess utility conflicts and required adjustments, coordinate with utility agencies.

Completion of the 100% submittal for Phase 1 PS&E is scheduled for May 5, 2010.

PHASE 2: MAJOR ACCOMPLISHMENTS:

Major design for Phase 2 will continue in May 2010 upon completion and submittal of the Phase 1 project. However, the following activities continued in April 2010:

- Continued preparation of final typical sections and edge of pavement roadway geometrics for the updated design described in SWA 3.
- Updated horizontal alignment and vertical profile design completed and reviewed.
- Continued coordination with City of Richmond for proposed drainage outfall at Gulfview Road.
- Preliminary traffic control assessment related to the redesign of the storm sewer elements.
- Continued coordination of proposed ROW adjustments at various parcels.

MEETINGS

<u>DATE</u>	<u>PURPOSE</u>	<u>ATTENDEES</u>
April 30, 2010	Phase 1 Drainage Coordination Meeting	Othon and LCR

PROPOSED TASKS FOR MAY 2010

- Complete and submit Phase 1, 100% PS&E, May 5, 2010
- Coordinate and resolve drainage issues related to proposed Phase 2 outfall at Gulfview Drive with City of Richmond and County.
- Continue preliminary design for Phase 2 roadway revisions (horizontal and vertical alignments, preliminary drainage design).
- Prepare 50% Drawing Submittal for Revised Phase 2 drawing in May 2010.