

**FORT BEND COUNTY FY 2010
COMMISSIONERS COURT AGENDA REQUEST FORM**

Return Completed Form by E-Mail to: Agenda Coordinator, County Judge's Office

Date Submitted: 03/19/2010

Submitted By: P. Batts

Department: Engineering

Court Agenda Date: 04/06/2010

Phone Number: 281 633 7507

SUMMARY OF ITEM: Approve Payment of Invoice No.6113 (Pay Estimate No.18) in the amount of \$39,011.10 to Othon, Inc. regarding the expansion of Ransom Road (from River Park to Main Street in FBC and Richmond, Texas), Mobility Bond Project #747, Precinct 1. (Fund: Mobility Bonds) Lawson P.O.#15769

RENEWAL AGREEMENT/APPOINTMENT

YES ☐ NO ☐

REVIEWED BY COUNTY ATTORNEY'S OFFICE:

YES ☐ NO ☐

List Supporting Documents Attached:

Instructions to submit Agenda Request Form:

- Completely fill out agenda form: incomplete forms will not be processed.
- Agenda Request Forms should be submitted by e-mail, fax, or inter-office mail, and all back-up information must be provided by Wednesday at 2:00 p.m. to all those listed below.
- All original back-up must be received in the County Judge's Office by 2:00 p.m. on Wednesday.

DISTRIBUTION:

Original Form Submitted with back up to County Judge's Office ☐ (✓ when completed)

If by E-Mail to ospindon@co.fort-bend.tx.us

If by Fax to (281) 341-8609

Distribute copies with back-up to all listed below. If by fax, send to numbers below:

| | |
|--|--|
| <input type="checkbox"/> Auditor (281-341-3774) | <input type="checkbox"/> Comm. Pct. 1 (281-342-0587) |
| <input type="checkbox"/> Budget Officer (281-344-3954) | <input type="checkbox"/> Comm. Pct. 2 (281-403-8009) |
| <input type="checkbox"/> Facilities/Planning (281-633-7022) | <input type="checkbox"/> Comm. Pct. 3 (281-242-9060) |
| <input type="checkbox"/> Purchasing Agent (281-341-8642) | <input type="checkbox"/> Comm. Pct. 4 (281-980-9077) |
| <input type="checkbox"/> Information Technology (281-341-4526) | <input type="checkbox"/> County Clerk (281-341-8697) |
| <input type="checkbox"/> Other: | <input type="checkbox"/> County Atty (281-341-4557) |

RECOMMENDATION / ACTION REQUESTED:

Special Handling Requested (specify):



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

CONSULTING ENGINEERS
Civil, Transportation, Environmental,
Construction Management

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

March 5, 2010

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

Attn: D. Jesse Hegemier

Sequence No. 18
P.O. No. 15769
Invoice No. 6113
Project: Ransom Rd. Widening, Pct. 1.
Project No 08229846
FBC Project No. 747
SPI NO. 300701.08


Engineering Services for February 1, 2009 through February 28, 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 | 67.8% | \$719,586.44 | \$680,575.34 | \$39,011.10 |
| *** 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

\$39,011.10

Thank You
Othon, Inc.

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



RANSOM ROAD

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

FEBRUARY 1, 2010 THROUGH FEBRUARY 28, 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 – 70% Complete, Includes SWA 1, 2 and 3

Design Activities (from February 1, 2010 through February 28, 2010):

In general, design activities in February 2010 completed the assessment, coordination and alternative conceptual design proposed outfall system to Del Webb Lake amenity pond, including detention accommodation for Phase 1, by County decision to proceed with the Del Webb Lake outfall alternative at approximate station 81+20 via the Wessendorff property (to be named LID6 Drainage Easement).

With the approval of Supplemental Work Authorization No. 3 in February, the design is now advanced to complete the final PS&E preparation of Phase 1 of the Project.

The Phase 1 redesign to the horizontal and vertical profile for the revision of the project to a curb and gutter urban section is completed to the 90% completion stage. Additional Phase 1 design work nearing completion includes preparation of final geometric revisions, final typical sections, final driveway locations and median opening revisions, "begin and end" project transition details, and roadway plan and profile sheets (90%). Coordination meetings with property owner, Drainage District, LID6 and County Engineer, and preliminary utility impact assessment continues through February 2010.

Updated preliminary construction cost estimates, final typical sections for Phase 1 and 2 (100%), horizontal alignments and drainage approach for the revision of current open ditch design to proposed curb/gutter design with storm sewer facilities for Phase 1 and 2.

Conducted meetings, coordination of design and preliminary drainage assessment of alternative outfalls at station 92+00, station 81+20 and MUD 121 with adjacent property owners, LID No. 6, and County is completed in February.

Completed redesign of median openings and right of way assessment for revised roadway geometric configuration in Phase 1 in coordination with adjacent property owners.

Phase 1 Traffic Control plans and design are updated, coordinated with storm sewer, TCP typical sections updated, temporary roadway alignment and profile design completed, narrative note sheet updated to 90% stage. Continue to work on temporary drainage design as final storm sewer design continues coordination.

Prepared easement exhibit drawings to facilitate the two proposed easements required with LID 6 near the MUD 121 outfall and the Del Webb outfall ditch. Prepared exhibits for coordination with Melon Properties for final driveway locations.

Continued update of proposed Signing and Pavement marking layout revisions.

Continued design revision of utility relocation drawings for the 12" Force Main 16" waterline at station 81+00 to 90+00 to 70% percent stage.

Continued preparation of drainage area maps, hydraulic calculations, storm sewer details, storm plan and profile sheets and overall coordination with subconsultant (LCR, Inc.). Coordinated the off-ROW ditch systems flowing into the proposed storm sewer systems.

Design cross sections have been updated based on the revised roadway geometrics to the 90% stage.

MEETINGS

| DATE | PURPOSE | ATTENDEES |
|-------------|---|--|
| 02-08-10 | Drainage Outfall Alternative Review | Comm. Morrison, Othon, LCR, SPI, County Engineer and Staff |
| Various | Drainage Coordination Meetings with Sub | LCR, SPI, Othon |

PROPOSED TASKS FOR MARCH 2010

- Continue preparation of Phase 1 PS&E for March 22, 2010 50% Informal Review with SPI.
- Continue with completion of 100% Design for Phase 1 of the Project (Schedule for April 8, 2010).
- Continue update of utility conflict spreadsheet and contact list.
- Complete Utility Redesign for Waterline and Sanitary Force Main (station 85+00 – 92+00)
- Continue preliminary design for Phase 2 roadway revisions (horizontal and vertical alignments, preliminary drainage design).