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**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: 02/24/2010

Submitted By: P. Batts

Department: Engineering

Court Agenda Date: 03/02/2010

Phone Number: 281 633 7507

SUMMARY OF ITEM: Approve Payment of Invoice No. 6099 (Pay Estimate No. 17) in the amount of \$10,237.00 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

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

CONSULTING ENGINEERS
Civil, Transportation, Environmental,
Construction Management

February 9, 2010

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

Attn: D. Jesse Hegemier

Sequence No. 17
P.O. No. 15769
Invoice No. 6099
Project: Ransom Rd. Widening, Pct. 1.
Project No. 08229846
FBC Project No. 747
SPI NO. 300701.08

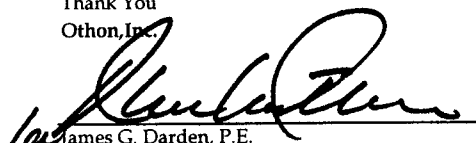
Engineering Services for January 9, 2009 through January 31, 2010
Ransom Road: From River Park to Main Street in Fort Bend County and Richmond Texas

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 *** \$701,662.00	97.0%	\$680,575.34	\$670,338.34	\$10,237.00
*** includes SWA #1 of \$58,255.00 *** includes SWA #2 of \$53,058.00				

Total Due This Invoice

\$10,237.00

Thank You
Othon, Inc.


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



RANSOM ROAD

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

JANUARY 9, 2010 THROUGH JANUARY 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:

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.

Engineering Services:

WA #1 – 100% Complete

WA #2 – 100% Complete

WA #3 – 100% Complete

WA #4 – 97% Complete, Includes SWA 1 and 2

Design Activities (from January 9, 2010 through January 31, 2010):

In general, design activities in January 2010 continued with the assessment, coordination and alternative conceptual design proposed outfall system to Del Webb Lake amenity pond, including detention accommodation for Phase 1. The Phase 1 redesign to the horizontal and vertical profile (50%) for the revision of the project to a curb and gutter urban section is completed. Additional Phase 1 work including preparation of geometric revisions, driveway and median opening revisions, begin and end project transition details, SWA No.3 proposals, coordination meetings with property owner and County Engineer, and preliminary utility impact assessment continues through January 2010.

Updated preliminary construction cost estimates, Supplemental Work Agreement 3 proposal, conceptual typical sections for Phase 1 and 2, 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. Revised and updated cost / benefit analysis for alternative outfalls for County review.

Completed redesign of Phase 1 plan and profile drawings including revised horizontal alignment, roadway geometrics and vertical profile; preliminary traffic control plan design and utility conflict analysis for the revised design.

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

Continued preliminary design of the alternative drainage approach, drainage boundaries and off ROW ditches for proposed outfall alternatives to Del Webb Lake and MUD 121, and roadway / drainage coordination.

Continued update to revised design cross sections in Phase 1.

Completed Phase 1 typical sections and project layout updates.

MEETINGS

<u>DATE</u>	<u>PURPOSE</u>	<u>ATTENDEES</u>
01-12-10	Drainage Outfall Alternative Review	Othon, LCR, SPI, County Engineer and Staff

PROPOSED TASKS FOR FEBRUARY 2010

- Continue preparation of Phase 1 PS&E for March 5, 2010 50% Informal Review with SPI.
- Update design schedule for delivery of 50% (informal) and 100% submittal milestones for Phase 1 and 2.
- Continue coordination and conclude drainage outfall alternative design to Del Webb Lake. Complete 50% drainage areas, storm sewer design and preliminary hydraulic calculations. Coordinate revisions to roadway geometrics and vertical profile.
- Prepare updated utility conflict spreadsheet and contact list.
- Redesign Utility Design for Waterline and Sanitary Force Main (station 85+00 – 92+00)
- Begin preliminary design for Phase 2 roadway revisions (horizontal and vertical alignments, preliminary drainage design).