

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: 01/19/2010 Submitted By: P. Batts
Department: Engineering
Court Agenda Date: 01/26/2010 Phone Number: 281 633 7507

SUMMARY OF ITEM: Approve Payment of Invoice No. 6033 (Pay Estimate No. 16) in the amount of 40,329.40 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:

- | | |
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| <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):



January 14, 2010

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

Re: Invoice No. 16 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 \$40,329.40, as submitted. The contract amount of \$769,990.00 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

CONSULTING ENGINEERS
Civil, Transportation, Environmental,
Construction Management

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www.othon.com WEBSITE

January 14, 2010

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

Attn: D. Jesse Hegemier

Sequence No. 16
P.O. No. 15769
Invoice No. 6033
Project: Ransom Rd. Widening, Pct. 1
Project No. 08229846
FBC Project No. 747
SPI NO. 300701.08

Engineering Services for November 1, 2009 through January 8, 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	95.5%	\$670,338.34	\$630,008.94	\$40,329.40
*** includes SWA #1 of \$58,255.00				
*** includes SWA #2 of \$53,058.00				

Total Due This Invoice

\$40,329.40

Thank You
Othon, Inc.

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

RANSOM ROAD
WORK AUTHORIZATION # 1, #2, #3, #4
NOVEMBER 1, 2009 THROUGH JANUARY 8, 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, 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, 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 – 64% Complete, Includes SWA 1 and 2

Design Activities (from November 1, 2009 through January 8, 2010):

In general, design activities in November 2009 included the assessment of the required design revisions for the revision of the project to a curb and gutter urban section, including preparation of SWA's proposals, coordination meetings, and preliminary drainage outfall alternative assessment. In December 2009, began preliminary redesign of the roadway geometrics, vertical profile and continued substantial analysis of the drainage design.

Conducted redesign Kick Off meeting with Commissioner Morrison's office on November 5, 2009.

Prepared preliminary construction estimates, Supplemental Agreement proposal, conceptual typical sections, 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. Prepared cost / benefit analysis for alternative outfalls for County review.

Began 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.

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

Began 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.

Prepared preliminary updated design cross sections.

Began update Phase 1 typical sections and project layout.

MEETINGS

<u>DATE</u>	<u>PURPOSE</u>	<u>ATTENDEES</u>
11-05-09	Design Kickoff Meeting	Othon, LCR, SPI, Comm. Morrison and Staff
11-23-09	SWA Scoping Meeting	SPI, Othon
11-24-09	Drainage Coord. w/ Property Owner	R. Stolleis (Wessendorff), Othon, LCR
11-24-09	Median Open Coord. w/ Property Owner	R. Stolleis (Wessendorff), Othon
12-23-09	Drainage Alternative Assessment	SPI, Othon, LCR, LID, R. Stolleis
12-30-09	Drainage Alternative Conclusion	SPI, Othon, LCR

PROPOSED TASKS FOR JANUARY 2010

- Continue preparation of Phase 1 PS&E for January 18, 2010 50% Informal Review with SPI.
- Continue coordination and conclude drainage outfall alternative design to Del Webb Lake. Complete 50% drainage areas, storm sewer design and preliminary hydraulic calculations.
- Begin preliminary design for Phase 2 roadway revisions (horizontal and vertical alignments, preliminary drainage design).