

FORT BEND COUNTY FY 2009  
COMMISSIONERS COURT AGENDA REQUEST FORM  
Return Completed Form by E-Mail to: Agenda Coordinator, County Judge's Office

Date Submitted: 08/26/2009 Submitted By: P.Batts  
Court Agenda Date: 09/01/09 Department: Engineering  
Phone Number: 281 633 7507

SUMMARY OF ITEM: Approve Payment of Invoice No. 5841 (Pay Estimate No. 12) in the amount of \$95,523.81 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. (Funds: Mobility Bonds) Lawson P.O.#15769  
RENEWAL AGREEMENT/APPOINTMENT YES  NO   
REVIEWED BY COUNTY ATTORNEY'S OFFICE: YES  NO

FINANCIAL SUMMARY:  
BUDGETED ITEM: YES  NO   
FUNDNG SOURCE: Accounting Unit: \_\_\_\_\_ Account Number: \_\_\_\_\_  
Activity (If Applicable): \_\_\_\_\_  
DESCRIPTION OF LAWSOM ACCOUNT: \_\_\_\_\_

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](mailto: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): \_\_\_\_\_



August 17, 2009

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

Re: Invoice No. 12 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 \$95,523.81, as submitted. The contract amount of \$658,708.00 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

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

August 10, 2009

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

Attn: D. Jesse Hegemier

Sequence No. 12  
 P.O. No. 15769  
 Invoice No. 5841  
 Project: Ransom Rd. Widening, Pct. 1  
 Project No. 08229846  
 FBC Project No. 747  
 SPI NO. 300701.08

**Engineering Services through July 31, 2009**  
**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 \$590,379.00	74.7%	\$440,895.53	\$345,371.72	\$95,523.81

Total Due This Invoice \$95,523.81

Thank You  
 Othon, Inc.

  
 \_\_\_\_\_  
 James G. Garden, P.E.  
 Chief Engineer Transportation



**RANSOM ROAD**  
**WORK AUTHORIZATION # 1, #2, #3, #4**  
**JULY 2009 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.

Engineering Services:

**WA #1**- 100% Complete

**WA #2** – 100% Complete

**WA #3** – 100% Complete

**WA #4** – 85% Complete

Final Design Activities (from July 1, 2009 through July 31, 2009)

Submittal of the 50% plan drawings was accomplished on May 29, 2009 and comments received on June 23, 2009. Completed addressing comments and final detailing of the roadway plan and profile drawings are continued in July. Completed roadway vertical profile revisions to accommodate maximum ditch side slopes, and accessed areas of substandard ditch capacity per our agreement with SPI.

Began separation of the project into two plan sets, i.e. Phase 1 – from Station 55+00 (Pilgrim) to Station 133+00 (Williams Way) and Phase 2 – Station 10+00 (Wheaton) to Station 55+00 (Pilgrim). Preparation of the Phase 1 final drawings will take priority, as this area is designated for construction prior to Phase 2.

Project surveying and geotechnical work for the project is essentially completed in July 2009.

The preparation of the Master Drainage Report is completed on July 31, 2009. A final submittal of the Report is scheduled for August 5, 2009. Subconsultant preparation of storm sewer plan and profile from station 10+00 to 32+00 (vicinity of Courthouse complex) is revised and substantially completed in July. Final drawings will be submitted for interim review along with the Master Drainage report in August 2009.

Work has completed for the design survey update of the project's Digital Terrain Model (DTM). Utility investigation, record research and locates are updated in July with information that was previously

missing. Preparation of final utility conflict list and exhibits continues in July, with expected completion in early August. Verification of utility conflicts relative to roadway improvements is completed in July.

Construction document drawings have been prepared to the 85% stage as described below.

Project Coordination:

- 07-31-09. Completed review of final hydrologic and hydraulic data for ditch grade, side slopes and top-width design for north and south ditches, conducted interim QA/QC on hydraulic approach and data, and coordination of final hydraulic/hydrologic analysis of drainage area basins is complete.
- 07-01-09 thru 7-31-09. Completed detailing median openings and left turn locations as well as project transition areas on east and west limits of project. Continued coordination with local property owners for median opening locations.

Final Design Activities:

- Horizontal Alignment. Final horizontal alignment adjustments completed.
- Vertical Profile. Final vertical profile is revised and completed.
- Design Cross Sections. Completed development of design cross sections, added major utilities.
- Drainage. In addition to comments noted above, completed analysis of two project outfalls at Rabb's Bayou and Pilgrim's Elementary School (MUD 121) outfall channels.
- Utility Control Exhibit. Completed detailing of preliminary utility location map relative to roadway and drainage elements for future development of utility conflict exhibits. Completed research of utility records.
- Traffic Control Plan. Revised and finalized overall traffic control plan.
- Updated Engineer's estimate.
- CADD Drawings. Continued detailing of the following major plan drawings to final development:
  - ◆ Cover Sheet and Proposed / Existing Typical Sections
  - ◆ Overall Project Layout Sheet
  - ◆ Plan and Profile Sheets (27) at 1"=40'.
  - ◆ Storm Sewer Plan and Profile
  - ◆ Traffic Control Plan (3 phase approach) with Advanced Warning Signs
  - ◆ Utility Location Mapping
  - ◆ SWPPP
  - ◆ Signing and Striping Layouts
  - ◆ Roadway Median Details
  - ◆ Design Cross Sections

- ◆ Prepared applicable standards for the project.

**PROPOSED TASKS FOR AUGUST 2009**

- Submit 100% PS&E by August 17, 2009. Additional time was required due to repackaging the project into two separate sets. All drawings to be updated to final submittal quality.
- Submit Design Cross Sections with utilities.