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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: 04/20/2010

Submitted By: P. Batts

Department: Engineering

Court Agenda Date: 04/27/2010

Phone Number: 281 633 7507

SUMMARY OF ITEM: Approve Payment of Invoice No. 6187 (Pay Estimate No.19) in the amount of \$82,318.26 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

April 9, 2010

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

Attn: D. Jesse Hegemier

Sequence No. 19
P.O. No. 15769
Invoice No. 6187
Project: Ransom Rd. Widening, Pct. 1.
Project No. 08229846
FBC Project No. 747
SPI NO. 300701.08


Engineering Services for March 01,2010 to March 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 \$1,061,838.00 | 75.5% | \$801,904.70 | \$719,586.44 | \$82,318.26 |
| *** 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

\$82,318.26

Thank You
Othon, Inc.


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



RANSOM ROAD
WORK AUTHORIZATION # 1, #2, #3, #4
MARCH 1, 2010 THROUGH MARCH 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.

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 – 75% Complete, Includes SWA 1, 2 and 3

Design Activities (from March 1, 2010 through March 31, 2010):

PHASE 1:

In general, March 2010 design activities proceed 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, the critical path 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 in progress for this outfall at approximate station 81+20. The LID 6 construction easement documentation necessary for the east end transition of roadway at approximate station 131+00 are also in development in March, with completion scheduled in April 2010.

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

- Complete Hydrologic Master Drainage Study (Phase 1 and 2)
- Final design of median openings, left turn bay accommodations, and roadway geometrics. Coordination with Property Owner (MELLON) in progress.
- Completion of 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.
- Redesign of traffic control plans with final proposed storm sewer accommodated, and design of temporary storm sewer elements. Includes 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.
- SWPPP drawings updated for updated 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.
- Update of signing and pavement marking design to completion
- Preparation of Project Manual and Project Construction Estimate.
- Final utility adjustment design for 16" Waterline and 12" Force Main at approximate station 81+00 to 90+00 in progress, in coordination with final storm sewer trunk and lateral design.
- Design sections re-cut and updated for 100% design development.
- Update and completion of project title sheet, indexing, standards.
- Continue to access utility conflicts and required adjustments.

Completion of the 100% submittal for Phase 1 PS&E is scheduled for April 19, 2010.

PHASE 2: MAJOR ACCOMPLISHMENTS:

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

- 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.
- 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> |
|--------------------|-------------------------------|-------------------------|
| 03-22-10 | Phase 1 50% Submittal Meeting | SPI, Othon, LCR |

PROPOSED TASKS FOR APRIL 2010

- Complete and submit Phase 1, 100% PS&E, April 19, 2010
- 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.