

October 18, 2013

Mr. Richard W. Stolleis, P.E.
County Engineer
Fort Bend County
1124 Blume Road
Rosenberg, Texas 77471

Re: Invoice No. 38 for Williams Way Blvd. (FBC Project No. 747)
Partial Payment for Final Design

Project No. 300701.12

Dear Mr. Stolleis:

We have reviewed the enclosed invoice by Othon, Inc., and recommend payment in the amount of \$29,368.41, as submitted. The billing reflects efforts by Othon and their subconsultant toward final design. The percentage billed appears to be consistent with the actual work completed.

Othon has included a progress report, which is included for your review.

Please call me if you have any questions.

Sincerely,



Mark C. Dessens, P.E.
Project Manager

MCD/md
Enclosure



OTHON, INC.
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Houston, Texas 77042

CONSULTING ENGINEERS
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Construction Management

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September 9, 2013

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

Attn: D. Jesse Hegemier

Sequence No. 38
P.O. No. 15769
Invoice No. 7346
Project: Ransom Rd. Widening, Pct. 1.
Project No. 08229846
FBC Project No. 747
SPIN0. 300701.08

Engineering Services for April 1, 2013 to August 31, 2013

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 \$9,204.00	100%	\$9,204.00	\$9,204.00	\$0.00
WA #3 TIA/Traffic Analysis \$29,938.00	100%	\$29,938.00	\$29,938.00	\$0.00
WA#3 SWA#1 \$34,318.00	100%	\$34,318.00	34,318.00	\$0.00
WA #4 Final Design Services \$1,162,779.00 *** includes SWA #1 of \$58,225.00 *** includes SWA #2 of \$53,058.00 *** includes SWA #3 of \$360,176.00 ***includes SWA #5 \$100,941.00	100.00%	\$1,162,779.00	\$1,159,575.30	\$3,203.70
WA #5 Bid and Construction Phase \$39,834.00 WA #5 SWA #2 \$29,741.00	100% 20.35%	\$39,834.00 \$6,051.23	\$39,834.00 \$6,051.23	\$0.00 \$0.00
WA #6 Final Design Addendum \$27,000.00	96.91%	\$26,164.71	\$0.00	\$26,164.71
Total Contract Amount \$1,362,000.00	Total % Complete 98%	Total Invoiced to Date \$1,337,474.94	Total Prev Invoiced \$1,308,106.53	

Thank You
Othon, Inc.

Charles A Othon
Project Manager

Total Due This Invoice

\$29,368.41

dc pwb
10/29/13

RANSOM ROAD

WORK AUTHORIZATION #1, #2, #3, #4, #5

December 1, 2012 through September 30, 2013 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:

WA 4, 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.

WA 4, 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.

WA 4, 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.

WA4 Supplemental Work Authorization No. 4 (SWA #4, Approved May 2011): Extend WA 4 Contract Termination from December 31, 2010 to December 31, 2012

WA 4, Supplemental Work Authorization No. 5 (SWA #5, Approved October 2011): Supplemental WA No. 5 will provide for the revision of plans (Phase 2) related to a correction to ROW located in the area of the Eugene Heimann Justice Center. This revision will require a modified geometric to adjust the roadway within revised ROW widths, including the adjustment of storm sewers, traffic control plans, typical sections and utility plans within these limits.

Work Authorization No. 5 (WA #5) has been added including the following Supplemental Work Authorizations:

Work Authorization No. 5 (WA #5) has been approved and authorized as of September 2010. This authorization provides for engineering services related to the bidding and award phase of the project related to Phase 1 of the project, as well as construction related services as required.

WA 5, Supplemental Work Authorization No. 1 (Approved January 17, 2011): Extend WA5 Contract Termination from December 31, 2010 to December 31, 2012)

WA 5 Supplemental Work Authorization No. 2 (Approved October 2011): This authorization provides for engineering services related to the bidding and award phase of the project related to Phase 2 of the project, as well as construction related services as required.

Work Authorization No. 3 (WA #3) has been amended with the following Supplemental Work Authorizations:

WA 3, Supplemental Work Authorization No. 1 (SWA #1, Approved October 2011): Provide traffic studies for the proposed Front Street rehabilitation project (design not included in this contract).

AMENDMENT NO. 5 (Approved July 23, 2013): Provide engineering services for various revisions due to adjacent projects or parties associated with the reconstruction design of Williams Way Blvd.

Engineering Services:

WA #1 – 100% Complete

WA #2 – 100% Complete

WA #3 – 100% Complete

WA #3, SWA 1 – 100% Complete

WA #4 – 100% Complete, Includes SWA 1, 2, 3

WA #4, SWA 5 – 100% Complete

WA #5 – 60% Complete (Bidding and Construction Services), Includes SWA 1, SWA2

Amendment #5 – 97% Complete (Miscellaneous Design Services)

Design Activities (December 1, 2012 through September 30, 2013):

PHASE 1:

Phase 1 PS&E is complete, submitted, bid and awarded in September 2010. Construction is completed February 2012.

PHASE 2:

The plans, specifications and estimate have been substantially completed to the 100% stage of design as of March 31, 2011 for Phase 2 of the William's Way PS&E task. Below are the additional tasks required to complete the changes in the design described above.

PHASE 2 REVISIONS (WA4, SWA5):

In March 2011, during coordination with Justice Center Eugene Heimann Circle designers, it has been discovered that previous ROW plat provided by County, and used for the roadway design within the limits of the Justice Center, was in error. The correct plat has been confirmed by County. The result will be a revision to the final roadway design within these limits to revise the roadway radius from approximately 1320'R to 820'R. This revision, along with some additional drainage revisions required by the Justice Center design, is being evaluated by Othon for a supplemental work authorization proposal.

In September 2012, at the request of the County, Othon, Inc. and it's subconsultants evaluated possible revision to the Phase 2 Western project limits, to terminate Phase 2 Project at Legion Dr.. This evaluation included viability of new roadway transition to existing facility as well as temporary drainage features necessary to provide drainage to Golfview outfall, prior to the Rabb Bayou improvements. The assessment was completed and submitted to SPI in September 2012, and a fee proposal was prepared and submitted in October 2012.

Coordination of with Kelly Kaluza and Associates related to the final design of Golfview Drive and its impact on the Williams Way Phase 2 project occurred in September 2012. Review and comments were provided to KKA for roadway intersection, Traffic Control, utility and Drainage issues.

Coordination with Young Property Engineer occurred in July and August 2012 to evaluate the inclusion of a new driveway from the property as well as a dedicated median opening. Evaluation was provided to SPI in September 2012. This issue is pending further direction from County.

Coordination with City of Richmond for utility locate occurred in July and August of 2012. Three utilities were located by COR personnel, i.e. 12" waterline, 2" waterline and Sanitary Sewer under pavement at Eugene Heimann Circle West. RODS surveying performed field survey on the utility stakes, transferred to MicroStation topographic base file, and provided survey notes. Additional survey was performed to identify new features at the Justice Center since the previous survey, including Manholes, waterline, Entrance Sign Structure, and completed pavement limits.

Design Progress WA4, SWA 5:

TASK 1 – Revise Roadway Geometrics (Horizontal and Vertical)

100% Complete. Updated geometrics are prepared and incorporated into final design documents.

TASK 2 – Revise Typical Sections

100% Complete. Updated sections are in progress due to revisions to Storm sewer and latest utility locates.

TASK 3 – Revise Roadway Plan and Profile

100% Complete. Updated geometrics and utility evaluation completed and updates to plan and profile sheets. Storm sewer revision evaluation, utility accommodation based on latest survey and final grade are in completed.

TASK 4 –Eugene Heimann Circle Intersection Design

100% Complete. Intersection design is completed and coordination with City of Richmond has been performed.

TASK 5 – Revise Storm Sewer and SWPPP

100% Complete. Coordination of utilities and preparation of final Storm Sewer Design and SWPPP layouts are complete.

TASK 6 – Revise Geopak Cross Sections

100% Complete. Geopak Cross sections are complete, incorporating the revised roadway geometrics, storm sewer, sidewalks and utilities.

TASK 7 – Revise Traffic Control Plans

100% Complete. Revisions to previously completed TCP plans are completed as required with additional information provided by Kelly Kaluza Inc for the Golfview project.

TASK 8 – Utility Evaluation

100% Complete. Utility evaluation and adjustment completed based on revised roadway geometrics. Evaluation of proposed storm sewer conflicts has been completed. Coordination with City of Richmond and SPI was conducted in February 2012, identifying the potential conflicts and proposed adjustments necessary.

TASK 9 – Revise Signing and Pavement Markings

100% Complete. Update of the signing and pavement marking plans due to the revised roadway geometrics is completed.

TASK 10 – Update Survey

100% Complete. Recent Survey to obtain utility Stake Information provided by City of Richmond, update topographic features near the Justice Center, Evaluation of existing utility survey.

TASK 11 – Utility Adjustment Design

100% Complete. Evaluation and preliminary utility relocation concepts are completed. Evaluation of revised storm sewer accommodation is complete.. Recent utility locates performed and new survey is being evaluated for design of adjustments.

Design Progress Amendment No. 5

TASK 1 – Revise Roadway Geometrics (Horizontal and Vertical)

100% Complete. Intersection geometrics, traffic control, ITS and storm sewer modifications at Williams Way and Golfview have been updated based on latest design by others and incorporated into final plans.

TASK 2 – Alternative Design Concept Study (Split PS&E into 2 Packages)

100% Complete. Evaluation of preparing 2 separate projects in order to accelerate project lettings is completed. Report and recommendations submitted.

TASK 3 – Incorporate Phase 1 Field Revision at Phase 2 Interface

100% Complete. Roadway plans and Traffic Control have been adjusted to accommodate the field revisions at the Project interface with the Phase 1 construction project on Williams Way.

TASK 4 –Design Accommodation of Young Property Improvements

100% Complete. Final Plans are prepared for the accommodation of two additional driveways, median opening associated with the Lot improvements for the Young Tract. Storm Sewer design analysis and adjustments are complete for the accommodation of these features and included in final plans.

TASK 5 – Update Plans for Latest 2012 Survey of the Justice Center

100% Complete. Roadway plans updated to include recent field survey from Wheaton Street to League Drive.

TASK 6 – Median Cuts and Driveways – MATHIS PROPERTY

100% Complete. Plans prepared with revised median cut and driveway design for the Mathis Property access driveway located at approximate station 34+00.

TASK 7 – Incorporate City of Richmond Field Survey – Sanitary Force Main

100% Complete. Coordination with the City of Richmond Public Work for the survey of an existing 16" Force main located on the southern ROW of Williams Way at Legion Drive complete. Avoidance of relocation of the existing Force main based on Field Survey data collected by City of Richmond achieved.

TASK 8 – Revise PS&E Specification and Standards

100% Complete. Plans prepared with updated standards.

TASK 9 – Revise and/or Update Quantities and Cost Estimates (QA/QC)

100% Complete. QA/QC review of the revisions identified herein and preparation of a updated Engineering Cost Estimate completed.

TASK 10 – Update Drainage Design

100% Complete. Revisions to storm sewer design at Legion Drive (north ROW) to accommodate the newly proposed sidewalk and pedestrian ramps proposed at the intersection is completed and included in final plans. Additionally, coordination of storm sewer design, preparation of analyses and modification to the Storm Sewer plan and profile for the Young Lot property improvements is completed.

WA #5 (Bidding and Construction Services):

In general, revision and update to the Phase 2 construction sequence plan, storm design and roadway profile are updated in November 2012 with recent changes to TCP, storm and utilities as described above. Revision to previously completed plans necessary for delivery of 100% PS&E.

MEETINGS -

<u>DATE</u>	<u>PURPOSE</u>	<u>ATTENDEES</u>
Various thru Period	Final Revision Coordination	City of Richmond, FBC Engineer, KKA, SPI, Othon, LCR
Several Internal meetings with Subconsultant this period.		

PROPOSED TASKS FOR SEPTEMBER 2013 - Coordinate and Process construction bid package.