

Po# 137086 BH
rec 428184 11/21/17



LJA ENGINEERING

2929 Briarpark Drive Phone 713.953.5200
Suite 600 Fax 713.953.5026
Houston, TX 77042 www.lja.com

November 06, 2017

Invoice No: 201714027

For services through 10/27/2017

Bill To:

County Auditor
Fort Bend County Engineering
301 Jackson
Richmond, TX 77469

Remit Payment To:

2929 Briarpark Drive, Suite 600
Houston, TX 77042

Project No: 1704-1605

Westpark Tollway Phase I

RE: P.O. Number: 137086

T&M Phase: 801 - Engineering

Professional Services	Billed Hours	Billed Rate	Current Billed
Field / Office Engineer			
Kronenberger, Richard	35.00	184.17	\$6,445.95
<i>Subtotal</i>	35.00		\$6,445.95
Total For Phase: 801			\$6,445.95

T&M Phase: 802 - Inspection

Professional Services	Billed Hours	Billed Rate	Current Billed
Field Construction Representative			
Wade, Terry	155.00	116.22	\$18,014.10
<i>Subtotal</i>	155.00		\$18,014.10
Total For Phase: 802			\$18,014.10

T&M Phase: 803 - Project Management

Professional Services	Billed Hours	Billed Rate	Current Billed
EIT/Grad Eng			
Mackan, Kevin	9.00	90.42	\$813.78
Senior Construction Engineer			
Gamboa, Lewis	3.00	287.64	\$862.92
<i>Subtotal</i>	12.00		\$1,676.70
Total For Phase: 803			\$1,676.70

T&M Phase: Z99 - Direct Expenses**Reimbursable Expenses****Current Billed**

Aircard	\$60.00
Laptop (Field Rep)	\$50.00
Phone - Mobile	\$100.00
Truck - Engineer	\$700.00
Truck - Field Rep	\$1,400.00
<i>Subtotal</i>	<i>\$2,310.00</i>

Total For Phase: Z99 \$2,310.00**Total Amount Due \$28,446.75**

	<i>Current</i>	<i>Previous</i>	<i>Total</i>
<i>BTB for Total Project</i>	<i>\$28,446.75</i>	<i>\$984,311.87</i>	<i>\$1,012,758.62</i>

Contract Amount: \$1,253,718.90 ✓**Previously Billed: \$984,311.87** ✓**Current Billing: \$28,446.75****Remaining Contract Amount: \$240,960.28** ✓

Approved By:



Richard Kronenberger

ok to pay
WBS
11/21/17

BILLING BACKUP

Thursday, November 9, 2017 12:10:03 PM

T&M Phase: 801 - Engineering

Professional Services		Date	Billed Hours	Billed Rate	Current Billed
Field / Office Engineer					
Richard Kronenberger	T274513	10/02/17	4.0000	\$184.1700	\$736.68
Richard Kronenberger	T274513	10/03/17	2.0000	\$184.1700	\$368.34
Richard Kronenberger	T274513	10/05/17	4.0000	\$184.1700	\$736.68
Richard Kronenberger	T275184	10/09/17	4.0000	\$184.1700	\$736.68
Change Order 11					
Richard Kronenberger	T275184	10/13/17	2.0000	\$184.1700	\$368.34
Grass PCO					
Richard Kronenberger	T275862	10/16/17	6.0000	\$184.1700	\$1,105.02
Richard Kronenberger	T275862	10/17/17	2.0000	\$184.1700	\$368.34
Richard Kronenberger	T275862	10/18/17	2.0000	\$184.1700	\$368.34
Richard Kronenberger	T275862	10/19/17	4.0000	\$184.1700	\$736.68
Richard Kronenberger	T276532	10/26/17	4.0000	\$184.1700	\$736.68
Richard Kronenberger	T276532	10/27/17	1.0000	\$184.1700	\$184.17
Total For Phase: 801					\$6,445.95

T&M Phase: 802 - Inspection

Professional Services		Date	Billed Hours	Billed Rate	Current Billed
Field Construction Representative					
Terry Wade	T274611	09/30/17	4.0000	\$116.2200	\$464.88
Terry Wade	T274611	10/02/17	8.0000	\$116.2200	\$929.76
Terry Wade	T274611	10/03/17	8.0000	\$116.2200	\$929.76
Terry Wade	T274611	10/04/17	8.0000	\$116.2200	\$929.76
Terry Wade	T274611	10/05/17	8.0000	\$116.2200	\$929.76
Terry Wade	T274611	10/06/17	4.0000	\$116.2200	\$464.88
Terry Wade	T274611	10/06/17	4.0000	\$116.2200	\$464.88
Terry Wade	T275282	10/07/17	5.5000	\$116.2200	\$639.21
Terry Wade	T275282	10/09/17	8.0000	\$116.2200	\$929.76
Terry Wade	T275282	10/12/17	8.5000	\$116.2200	\$987.87
Terry Wade	T275282	10/13/17	2.0000	\$116.2200	\$232.44
Terry Wade	T275282	10/13/17	6.0000	\$116.2200	\$697.32
Terry Wade	T275960	10/16/17	8.5000	\$116.2200	\$987.87
Terry Wade	T275960	10/17/17	8.0000	\$116.2200	\$929.76
Terry Wade	T275960	10/18/17	9.5000	\$116.2200	\$1,104.09
Terry Wade	T275960	10/19/17	9.5000	\$116.2200	\$1,104.09
Terry Wade	T275960	10/20/17	4.5000	\$116.2200	\$522.99

Professional Services			Date	Billed Hours	Billed Rate	Current Billed	
Terry Wade	T275960		10/20/17	4.0000	\$116.2200	\$464.88	
Terry Wade	T276630		10/21/17	4.0000	\$116.2200	\$464.88	
Terry Wade	T276630		10/23/17	8.5000	\$116.2200	\$987.87	
Terry Wade	T276630		10/25/17	8.5000	\$116.2200	\$987.87	
Terry Wade	T276630		10/26/17	8.0000	\$116.2200	\$929.76	
Terry Wade	T276630		10/27/17	3.0000	\$116.2200	\$348.66	
Terry Wade	T276630		10/27/17	5.0000	\$116.2200	\$581.10	
Reimbursable Expenses			Invoice Number	Date	Quantity	Unit Rate	Current Billed
Mileage							
Lewis Gamboa	E19089		09/11/17				\$0.00
Visited the Westpark Tollway project to investigate cracking on approach slabs and bridge beam minor spall damages.							
Total For Phase: 802							\$18,014.10

T&M Phase: 803 - Project Management

Professional Services			Date	Billed Hours	Billed Rate	Current Billed
EIT/Grad Eng						
Kevin Mackan	T275430		10/11/17	6.0000	\$90.4200	\$542.52
Grass PCO 10/14						
Kevin Mackan	T275430		10/13/17	3.0000	\$90.4200	\$271.26
Grass PCO						
Senior Construction Engineer						
Lewis Gamboa	T276609		10/26/17	3.0000	\$287.6400	\$862.92
Attended the Westpark Tollway Phase 1 weekly Progress meeting.						
Total For Phase: 803						\$1,676.70

T&M Phase: Z99 - Direct Expenses

Reimbursable Expenses		Invoice Number	Date	Quantity	Unit Rate	Current Billed
Aircard						
Inspector Mileage	P117171	102717_2	10/27/17	1.0000	\$60.0000	\$60.00
10/27/17						
Laptop (Field Rep)						
Inspector Mileage	P117171	102717_2	10/27/17	1.0000	\$50.0000	\$50.00
10/27/17						
Phone - Mobile						
Inspector Mileage	P117171	102717_2	10/27/17	1.0000	\$100.0000	\$100.00
10/27/17						

Reimbursable Expenses			Invoice Number	Date	Quantity	Unit Rate	Current Billed
Truck - Engineer							
Inspector Mileage	P117171		102717_2	10/27/17	1.0000	\$700.0000	\$700.00
10/27/17							
Truck - Field Rep							
Inspector Mileage	P117171		102717_2	10/27/17	1.0000	\$1,400.0000	\$1,400.00
10/27/17							
Total For Phase: Z99							\$2,310.00

Total Time and Material Fees \$28,446.75

Total Amount Due \$28,446.75

TIMESHEET**Kevin Mackan (1478)**Submitted By: Kevin Mackan Date: 10/16/2017From: **10/7/2017** To: **10/13/2017**Approved By: Richard Kronenberger Date: 10/16/2017

Project	Job Title	Sat 07	Sun 08	Mon 09	Tue 10	Wed 11	Thu 12	Fri 13	Total
1704-1605.803	EIT/Grad Eng					6		3	9
	Westpark Tollway Phase I.Project Management								
Total:						6		3	9

Comments

1704-1605.803 - Westpark Tollway Phase I.Project Management

10/11/2017 Grass PCO 10/14

10/13/2017 Grass PCO

TIMESHEET**Lewis Gamboa (1280)**Submitted By: Lewis GamboaDate: 10/28/2017
5:57:28 AMFrom: **10/21/2017** To: **10/27/2017**Approved By: John ShackettDate: 10/29/2017

Project	Job Title	Sat 21	Sun 22	Mon 23	Tue 24	Wed 25	Thu 26	Fri 27	Total
1704-1605.803	Senior Construction Engineer						3		3
Westpark Tollway Phase I.Project Management									
Total:							3		3

Comments

1704-1605.803 - Westpark Tollway Phase I.Project Management

10/26/2017 Attended the Westpark Tollway Phase 1 weekly Progress meeting.

TIMESHEET**Richard Kronenberger (1090)**Submitted By: Richard KronenbergerDate: 10/9/2017 6:54:43 AMFrom: **9/30/2017** To: **10/6/2017**Approved By: John ShackettDate: 10/9/2017

Project	Job Title	Sat 30	Sun 01	Mon 02	Tue 03	Wed 04	Thu 05	Fri 06	Total
1704-1605.801	Field / Office Engineer			4	2		4		10
Westpark Tollway Phase I.Engineering									
Total:				4	2		4		10

Comments

TIMESHEET**Richard Kronenberger (1090)**Submitted By: Richard KronenbergerDate: 10/16/2017
6:48:54 AMFrom: **10/7/2017** To: **10/13/2017**Approved By: John ShackettDate: 10/16/2017

Project	Job Title	Sat 07	Sun 08	Mon 09	Tue 10	Wed 11	Thu 12	Fri 13	Total
1704-1605.801	Field / Office Engineer			4				2	6
Westpark Tollway Phase I.Engineering									
Total:				4				2	6

Comments

1704-1605.801 - Westpark Tollway Phase I.Engineering

10/9/2017 Change Order 11

10/13/2017 Grass PCO

TIMESHEET**Richard Kronenberger (1090)**Submitted By: Richard KronenbergerDate: 10/22/2017
9:09:11 PM

From: 10/14/2017 To: 10/20/2017

Approved By: John ShackettDate: 10/23/2017

Project	Job Title	Sat 14	Sun 15	Mon 16	Tue 17	Wed 18	Thu 19	Fri 20	Total
1704-1605.801	Field / Office Engineer			6	2	2	4		14
Westpark Tollway Phase I.Engineering									
Total:				6	2	2	4		14

Comments

TIMESHEET**Richard Kronenberger (1090)**Submitted By: Richard Kronenberger Date: 10/30/2017From: 10/21/2017 To: 10/27/2017Approved By: Jeffery Collins Date: 10/30/2017

Project	Job Title	Sat 21	Sun 22	Mon 23	Tue 24	Wed 25	Thu 26	Fri 27	Total
1704-1605.801	Field / Office Engineer						4	1	5
Westpark Tollway Phase I.Engineering									
Total:							4	1	5

Comments

TIMESHEET**Terry Wade (1304)**Submitted By: Terry Wade Date: 10/7/2017From: 9/30/2017 To: 10/6/2017Approved By: Richard Kronenberger Date: 10/9/2017

Project	Job Title	Sat 30	Sun 01	Mon 02	Tue 03	Wed 04	Thu 05	Fri 06	Total
1704-1605.802	Field Construction Representative	4		8	8	8	8	8	44
Westpark Tollway Phase I.Inspection									
Total:		4		8	8	8	8	8	44

Comments

TIMESHEET**Terry Wade (1304)**Submitted By: Terry Wade Date: 10/13/2017From: **10/7/2017** To: **10/13/2017**Approved By: Richard Kronenberger Date: 10/16/2017

Project	Job Title	Sat 07	Sun 08	Mon 09	Tue 10	Wed 11	Thu 12	Fri 13	Total
1704-1605.802	Field Construction Representative	5.5		8			8.5	8	30
Westpark Tollway Phase I. Inspection									
Total:		5.5		8			8.5	8	30

Comments

TIMESHEET**Terry Wade (1304)**Submitted By: Terry Wade Date: 10/20/2017From: **10/14/2017** To: **10/20/2017**Approved By: Richard Kronenberger Date: 10/22/2017

Project	Job Title	Sat 14	Sun 15	Mon 16	Tue 17	Wed 18	Thu 19	Fri 20	Total
1704-1605.802	Field Construction Representative			8.5	8	9.5	9.5	8.5	44
Westpark Tollway Phase I.Inspection									
Total:				8.5	8	9.5	9.5	8.5	44

Comments

TIMESHEET**Terry Wade (1304)**Submitted By: Terry Wade Date: 10/28/2017From: 10/21/2017 To: 10/27/2017Approved By: Richard Kronenberger Date: 10/30/2017

Project	Job Title	Sat 21	Sun 22	Mon 23	Tue 24	Wed 25	Thu 26	Fri 27	Total
1704-1605.802	Field Construction Representative	4		8.5		8.5	8	8	37
Westpark Tollway Phase I Inspection									
Total:		4		8.5		8.5	8	8	37

Comments

FM 1093/Westpark Tollway Project, Phase 1

Progress Report 20

9/30/2017 – 10/27/2017

Work Performed This Period

Engineering

- Attended Weekly Project Progress Meetings
- Reviewed/Approved Daily Reports of Inspectors
- Reviewed and Coordinated Response for RFIs and Submittals
- Reviewed items in preparation for Change Orders 11 & 12
- Reviewed Contractor's Monthly Pay Estimate

Field Inspection (1 Inspector)

- Performed Construction Observations
- Prepared Daily Work Reports
- Measured/Monitored Contractor Work Quantities

Project Status

- LJA Earned to Date: \$1,012,758.62 out of \$1,253,718.90 (80.78%)
- Webber Earned to Date (as of 10/21/2017): \$58,491,753.65 out of \$64,855,200.33 (90.19%)

Outstanding Issues - None