

PORT ST. LUCIE CITY COUNCIL
AGENDA ITEM REQUEST

COUNCIL ITEM 13C
DATE 2/13/12

Meeting Date: February 13, 2012

Public Hearing Ordinance Resolution Motion

Item: #20120027, Design & permits for sidewalks at Melaleuca

Recommended Action:

- 1) Approve short listed firms by evaluation committee #1 Captec Engineering, Inc., #2 Culpepper & Terpening Inc., and #3 Creech Engineers, Inc. and start negotiation with #1 ranked firm Captec Engineering Inc. If unable to negotiate a contract with #1 firm to continue to negotiate with #2 and then #3 firm.

Exhibits: Department memo attached [] yes [X] no

Copies of the Bid tabulation Report, Proposals, Specifications, Committee Scores, Minutes on CD, Copies of original bid documents.

NOTE: Offers from vendors listed herein are the only offers received timely as of the above opening date and time. All other offers submitted in response to this solicitation, if any, are hereby rejected as late.

Summary Explanation/Background Information: The Request for Proposal was advertised December 20, 2011 to Design firms that were awarded contracts under Master contract #20100050. A proposal notification was sent to 14 suppliers and 8 firms requested proposals. The proposal was opened January 10, 2012 at 3:00 P.M. and 4 firms responded. The evaluation committee met January 17, 2012 at 2:30 P.M. and as a consensus short listed and scored as follows: Captec, Creech, Culpepper & Terpening Inc., and Keith & Schnars. The evaluation committee voted to conduct interviews with the 3 top scored firms. The evaluation committee held question and answers with the 3 topped scored firms on January 20, 2012 at 1:00 P.M. and consensus ranked the firms as follows: #1 Captec Engineering Inc., #2 Culpepper & Terpening, #3 Creech Engineers, Inc. The committee considered the specific knowledge of the project and innovative approach for public communication. This is a federal through state funded project with FDOT and LAP requirements that do not allow local preference however a score was provided for response time within the original criteria.

The need for the above is:

Purchase is not a replacement

Purchase is budgeted.

Department requests expenditure from the following:

Fund	304	Road & Bridge Fund
Cost Center	4105	Road & Street
Object Code	563005	Professional Services
Project	TBD	

Director of OMB concurs with award: CAS City Manager concurs with award: JAB

Department requests 0 minutes to make a presentation.

RECEIVED
Submitted by: Patricia Roebing

JAN 25 2012

Title: City Engineer

Date Submitted: 01/24/12

City Manager's Office

Scores

		DB		DM		RS		TOTAL	Rank
Captec Engineering, Inc.									
Criterion	WTG	Points	Total	Points	Total	Points	Total		
Emergency Response time	1	5	5	3	3	5	5		
Accepts Payment by P-Card	5	1	5	1	5	1	5		
Firm Experience	3	3	9	5	15	5	15		
Assigned Staff Exp	3	4	12	4	12	5	15		
Understanding of Project	10	4	40	4	40	5	50		
Total			71		75		90	236	
Ranking			3		1		1		
Creech									
Criterion	WTG	Points	Total	Points	Total	Points	Total		
Emergency Response time	1	5	5	5	5	5	5		
Accepts Payment by P-Card	5	1	5	1	5	1	5		
Firm Experience	3	4	12	3	9	5	15		
Assigned Staff Exp	3	4	12	4	12	5	15		
Understanding of Project	10	4	40	3	30	5	50		
Total			74		61		90	225	
Ranking			2		2		1		
Culpepper & Terpening Inc									
Criterion	WTG	Points	Total	Points	Total	Points	Total		
Emergency Response time	1	5	5	4	4	5	5		
Accepts Payment by P-Card	5	1	5	1	5	1	5		
Firm Experience	3	4	12	4	12	5	15		
Assigned Staff Exp	3	4	12	3	9	5	15		
Understanding of Project	10	4	40	3	30	5	50		
Total			74		60		90	224	
Ranking			2		3		1		
Keith & Schnars									
Criterion	WTG	Points	Total	Points	Total	Points	Total		
Emergency Response time	1	3	3	2	2	3	3		
Accepts Payment by P-Card	5	1	5	1	5	1	5		
Firm Experience	3	5	15	2	6	4	12		
Assigned Staff Exp	3	5	15	2	6	4	12		
Understanding of Project	10	4	40	2	20	3	30		
Total			78		39		62	179	
Ranking			1		4		2		
Captec	236		3		1		1		
Creech	225		2		2		1		
C & T	224		2		3		1		
K & S	179		1		4		2		
Committee selected firms for Q & A on 1/20 at 1 PM.									
Captec, Creech and C & T.									

		DB	DM	RS	TOTAL	Rank
Captec Engineering, Inc.						
Criterion	WTG	Points	Total	Points	Total	Points
Emergency Response time	1	5	5	3	3	5
Accepts Payment by P-Card	5	1	5	1	5	1
Firm Experience	3	3	9	5	15	5
Assigned Staff Exp	3	4	12	4	12	5
Understanding of Project	10	4	40	4	40	5
Total			71		75	90
Ranking			3		1	1
Creech						
Criterion	WTG	Points	Total	Points	Total	Points
Emergency Response time	1	5	5	5	5	5
Accepts Payment by P-Card	5	1	5	1	5	1
Firm Experience	3	4	12	3	9	5
Assigned Staff Exp	3	4	12	4	12	5
Understanding of Project	10	4	40	3	30	5
Total			74		61	90
Ranking			2		2	1
Culpepper & Terpening Inc						
Criterion	WTG	Points	Total	Points	Total	Points
Emergency Response time	1	5	5	4	4	5
Accepts Payment by P-Card	5	1	5	1	5	1
Firm Experience	3	4	12	4	12	5
Assigned Staff Exp	3	4	12	3	9	5
Understanding of Project	10	4	40	3	30	5
Total			74		60	90
Ranking			2		3	1
Keith & Schnars						
Criterion	WTG	Points	Total	Points	Total	Points
Emergency Response time	1	3	3	2	2	3
Accepts Payment by P-Card	5	1	5	1	5	1
Firm Experience	3	5	15	2	6	4
Assigned Staff Exp	3	5	15	2	6	4
Understanding of Project	10	4	40	2	20	3
Total			78		39	62
Ranking			1		4	2
Captec	236		3		1	1
Creech	225		2		2	1
C & T	224		2		3	1
K & S	179		1		4	2

Committee selected firms for Q & A on 1/20 at 1 PM.
Captec, Creech and C & T.

Q & A ATTENDANCE

RFP #20120027

Design & Permit Sidewalk Melaleuca

January 20, 2012 @ 1:00:00 PM

	Name (Please PRINT Legibly)	Company Name Or Entity
1	Cheryl Shanaberger	City of PSL-OMB
2	Dominic Novello	Atkins
3	JEFF NORRIS	CREECH ENGINEERS
4	Ricardo A. Castro	Atkins North America
5	Howard Ehsan	Creech Engineers
6	RICHARD M. SCHENBERG'S	CITY OF PSL LIST
7	Melissa Lunsford	City of PSL OMB
8	Denise Burton	CITY OF PSL ENGR.
9	STEPAN MATYUGA	CULDWATER TORPONG
10	BOYCY TORPONG	" "
11	KWIK TORPONG	" "
12	DAN ZRANACK	ARDAWAY ASSOC.
13	DAUL BEE	EW CONSULTANTS
14	DENNIS MADEBAGH	PSL - ENG
15	JOE CAVAL	O.A.P.T.C.E.
16	ETIENNE BOURGEOIS	CAPTEC
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City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20120027
Evaluation Committee Members / Participants

I, Denise Burton, an individual official, employee, consultant, or subcontractor of or to the CITY OF PORT ST. LUCIE, FLORIDA hereby consent to the terms in this Agreement in consideration of my serving as an evaluation committee member (scoring or non-scoring) and being provided certain information related to Design & permit Melaleuca project during the evaluation process and before contract award.

	Applicability of the Florida Sunshine Law
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I acknowledge I have been informed and am aware the State of Florida Sunshine Law applies to meetings of the evaluation committee where decisions for recommendations to the City Council apply. I further recognize that discussions between committee members outside of public Evaluation Committee meetings is prohibited and in violation of the State of Florida Sunshine Law. All questions by evaluation committee members shall be directed to the Contract Administrator (OMB).

	Restricted Communications / Cone of Silence
---	--

I acknowledge that to insure the proper and fair evaluation of a submittal, the City of Port St. Lucie prohibits any communication between any City employee, representative or official other than the Contract Administrator (OMB) prior to the time of award by City Council has been made. Communication between Respondent and the City will be initiated and coordinated by the Contract Administrator (OMB) in order to obtain information or clarification needed to develop a proper and accurate evaluation of the proposal.

Communication related to this RFP is further restricted with any entity outside the City of Port St. Lucie. Including, but not limited to, sub-contractors of prime respondents, companies in the industry, other agencies or utility entities, etc . . .

	Release or Distribution of Information and/or Material
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Evaluation committee members have been provided vendor responses either in hard copy or electronic format. This information, hard copy or electronic, is NOT to be reproduced or distributed under any circumstance. Some information within the proposals may be proprietary and/or confidential. Release of any information will be coordinated by OMB only.

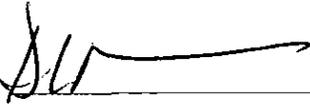
Initials
DB

Non-Collusion

I acknowledge the following with regards to non-collusion in the evaluation process and my scoring:

1. The scores assigned in my evaluation have been arrived at independently and without consultation, communication or agreement with any other Evaluator other than those discussions taking place in a meeting of the Evaluation Committee meeting arranged by OMB.
2. That my scoring of each proposal has not been disclosed to any other Evaluator or person, and they will not be disclosed to other Evaluator except by the OMB during a meeting of the Evaluation Committee.
3. No attempt has been made or will be made to coerce or affect the scoring of any Evaluator.

Signature:



Printed:

Denise Burton

Date:

1/17/2012

City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20120027
Evaluation Committee Members / Participants

I, Richard M. Schenborn, an individual official, employee, consultant, or subcontractor of or to the CITY OF PORT ST. LUCIE, FLORIDA hereby consent to the terms in this Agreement in consideration of my serving as an evaluation committee member (scoring or non-scoring) and being provided certain information related to Design & permit Melaleuca project during the evaluation process and before contract award.

Initials RMS **Applicability of the Florida Sunshine Law**

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Initials

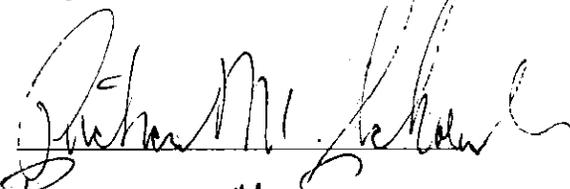
RMS

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3. No attempt has been made or will be made to coerce or affect the scoring of any Evaluator.

Signature:



Printed:

RICHARD M. SCHOENBOAN

Date:

January 17, 2012

City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20120027
Evaluation Committee Members / Participants

I, DENNIS MADEBACH, an individual official, employee, consultant, or subcontractor of or to the CITY OF PORT ST. LUCIE, FLORIDA hereby consent to the terms in this Agreement in consideration of my serving as an evaluation committee member (scoring or non-scoring) and being provided certain information related to Design & permit Melaleuca project during the evaluation process and before contract award.

Initials <i>DM</i>	Applicability of the Florida Sunshine Law
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I acknowledge I have been informed and am aware the State of Florida Sunshine Law applies to meetings of the evaluation committee where decisions for recommendations to the City Council apply. I further recognize that discussions between committee members outside of public Evaluation Committee meetings is prohibited and in violation of the State of Florida Sunshine Law. All questions by evaluation committee members shall be directed to the Contract Administrator (OMB).

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Initials

DM

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Signature:

N. M. M.

Printed:

DEWIS MADEBACIT

Date:

JAN 17, 2012

Evaluation Meeting Minutes
RFP #20120027
Design & Permit Sidewalk Melaleuca
January 17, 2012 @ 2:30:00 PM

In attendance:

Cheryl Shanaberger, City of PSL, OMB
Melissa Lunsford, City of PSL, OMB
Rich Schoenborn, City of PSL, Utilities
Dennis Madebach, City of PSL, Engineering
Denise Burton, City of PSL, Utilities
Etienne Bourgeois, Captec
Butch Terpening, C&T
Nate Willbur, C&T

Sign In Sheet

Individual scores for your tallies and rankings according to you will be handed out. Your purpose today is to go through your scores and change anything and determine who is going to be selected for the Question & Answer which is scheduled on January 20, 2012 at 1:00 PM. You must select by law three firms. We do have a major drop in one of the scores and that was with Keith & Schnars. I don't know if you want to look at those scores.

Rich Schoenburn – The scores look fine to me.

Cheryl Shanaberger – Do you want to discuss that or just move forward with the top three? Regardless of the difference in the one scoring K&S scored lowest and ranked lowest.

Dennis Madebach – I am good with that.

Denise Burton – I am good with that.

The top three and who will be interviewed on 1/20/12 are as follows:

Captec
Creech
Culpepper & Terpening

Cheryl Shanaberger – There is a consensus of the committee scores to leave them as is and we will be interviewed on 1/20/12.

Denise Burton – Are the presentations going to be more project specific more so then what they have been in the past?

Cheryl Shanaberger – Do you only want to be project specific.

Denise Burton – We are already familiar with the firms and we know their qualifications. It is easier for everyone and shorter.

Cheryl Shanaberger – Is there anything in particular that you would like for them to address in their presentation?

Rich Schoenburn – I would like to hear what they discovered & project participation

Denise Burton – I would also like to hear what other LAP projects they worked on and give specifics on that. The entire process and time-lines with paperwork being filed.

Dennis Madebach – LAP is a lot more intricate than FDOT. I would like to know who worked on LAP projects and actual LAP experience as the individual assigned to this project.

Denise Burton -- They went into their FDOT experience, but that is not where I was looking. Also, when doing your FDOT experience, tick off what applies to this project.

Committee agreed to give each firm 10 minutes for presentations and 15 minutes for questions.

Order of presentations on January 20, 2012:

1:00 PM -- Creech

1:30 PM -- Culpepper & Terpening

2:00 PM -- Captec

Meeting adjourned.

EVAL ATTENDANCE
RFP #20120027
Design & Permit Sidewalk Melaleuca
January 17, 2012 @ 2:30:00 PM

	Name (Please PRINT Legibly)	Company Name Or Entity
1	Cheryl Shanaberger	City of PSL-OMB
2	Nate Wilbur	Culpepper & Terpening
3	ETIENNE BOURGEOIS	CAPTEC
4	Bobby Terpening	C+T
5	RICH SCHNEIBORN	CITY OF PSL USD
6	Melissa Lunsford	City of PSL, omb
7	DENNIS MADEBACH	CITY OF PSL ENG.
8	Denise Burton	" "
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Respondent: *CREECH ENG*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time <i>15 MIN.</i>	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>501 PSL BLVD.</i>			
B. P-Card	<i>YES</i>		
C. Company Experience <i>NO DESIGN EXP WITH CITY</i>	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>ATKINS NORTH AMERICA IS A SUB CONSULTANT TO CREECH ENR 4/62 YRS EXP. IN LAP COORD. + FDOT COMPLIANCE ARCE IS A SUBCONSULTANT W/ 6 YEARS EXP IN SOILS TESTING IN THE CITY</i>			
D. Staff Experience	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>HOWARD EBERSMITH - 22 YRS - CREECH - LANDSCAPES RICHARD CASTRO - 10 YRS - ATKINS LAP + FDOT</i>			
E. Understanding of Project	10	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>IDENTIFIED POSSIBLE CONFLICTS + RECOMMENDED ALTERNATIVES</i>			

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *DENNIS MADERBACH* Dept.: *ENG.*
(please print)

Signature: *[Signature]* Date: *JAN. 17, 2012*

Respondent: *CULPEPPER + TERPENING*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time <i>15 MIN</i>	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>S 25TH ST FT PIERCE</i>			
B. P-Card	<i>Yes</i>		
C. Company Experience	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>2 CITY SIDEWALK PROJECTS</i> <i>ARDAMIAN ASSOC TESTING</i> <i>DUNKLEBERGER SC</i>			
D. Staff Experience	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>PM 5 Yrs Exp.</i>			
E. Understanding of Project	10	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>IDENTIFIED POSSIBLE ISSUES + RECOMMENDED ALTERNATIVES</i>			

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *DENNIS MADERBACH* Dept.: *ENR*
(please print)

Signature: *[Signature]* Date: *JAN. 17, 2012*

Respondent: **CAPTEC ENG.**

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time 20 MIN.	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: 301 FLAGLER, STUART 6 MILES FROM JOB			
B. P-Card	Yes		
C. Company Experience	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: CAPTEC HAS DESIGNED 3 SIDEWALK PROJECTS FOR THE CITY IN PAST 2 YEARS AAEC SUBCONSULTANT			
D. Staff Experience	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: PM 12 YRS EXP - ETHERIDGE B			
E. Understanding of Project	10	0 1 2 3 4 5	0 1 2 3 4 5
Comments: IDENTIFIED POSSIBLE CONFLICTS + RECOMMENDED ALTERNATIVES			

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: **DENNIS MADEBACH** Dept.: **ENG.**
(please print)

Signature:  Date: **JAN. 17, 2012**

Respondent: *KEITH + SCHWARS*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time <i>40 mins.</i>	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>6500 ANDREWS AVE FT LAUDERDALE</i>			
B. P-Card	<i>YES</i>		
C. Company Experience <i>No SIDEWALK DESIGN PROJECTS BY CITY</i>	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>DUNKLEBERGER TESTING</i>			
D. Staff Experience	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>PROJECT STAFF 20+ YEARS EXP</i>			
E. Understanding of Project	10	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>SCOPE OF PROJECT WAS INSUFFICIENT</i>			

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *DENNIS MADEBACH* Dept.: *ENR*
 (please print)

Signature: *[Handwritten Signature]* Date: *JAN 17, 2012*

Respondent: *Keith + Schnars*

A	B	C	D										
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel										
A. Emergency Response time	1	0 1 2 (3) 4 5	0 1 2 3 4 5	3									
Comments: <i>70 minutes Ft Lauderdale</i>													
<i>FOOT</i>													
<table border="0"> <tr> <td><i>2.0 Project development</i></td> <td><i>8.2</i></td> </tr> <tr> <td><i>3.1 minor highway</i></td> <td><i>10.1</i></td> </tr> <tr> <td><i>4.1.1 misc structures</i></td> <td><i>10.3</i></td> </tr> <tr> <td><i>7.1</i></td> <td><i>10.4</i></td> </tr> <tr> <td><i>8.1</i></td> <td><i>15.0</i></td> </tr> </table>				<i>2.0 Project development</i>	<i>8.2</i>	<i>3.1 minor highway</i>	<i>10.1</i>	<i>4.1.1 misc structures</i>	<i>10.3</i>	<i>7.1</i>	<i>10.4</i>	<i>8.1</i>	<i>15.0</i>
<i>2.0 Project development</i>	<i>8.2</i>												
<i>3.1 minor highway</i>	<i>10.1</i>												
<i>4.1.1 misc structures</i>	<i>10.3</i>												
<i>7.1</i>	<i>10.4</i>												
<i>8.1</i>	<i>15.0</i>												
C. Company Experience <i>4-7</i>	3	0 1 2 3 4 (5)	0 1 2 3 4 5	15									
Comments:													
D. Staff Experience <i>8-10</i>	3	0 1 2 3 4 (5)	0 1 2 3 4 5	15									
Comments: <i>lots of LAP projects very similar</i>													
E. Understanding of Project	10	0 1 2 3 (4) 5	0 1 2 3 4 5	40									
Comments: <i>Gopher tortoises, drainage ADA, soils etc.</i>													

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *DBurton* (please print) Dept.: *Engr/Traffic*

Signature: *Denise Burton* Date: *1/17/2012*

73

Respondent: *Creech*

A	B	C	D	
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel	
A. Emergency Response time	1	0 1 2 3 4 (5)	0 1 2 3 4 5	5
Comments: <i>15 minutes</i>				
<i>3.1</i>				
<i>3.2</i>				
<i>6.1</i>	<i>8.4</i>	<i>13.6</i>		
<i>7.1</i>	<i>10</i>			
<i>8.1</i>	<i>10.1</i>			
<i>8.2</i>	<i>10.3</i>			
C. Company Experience <i>4-7</i>	3	0 1 2 3 (4) 5	0 1 2 3 4 5	12
Comments:				
D. Staff Experience <i>8-10</i>	3	0 1 2 3 (4) 5	0 1 2 3 4 5	12
Comments: <i>many LAP projects</i>				
E. Understanding of Project	10	0 1 2 3 (4) 5	0 1 2 3 4 5	40
Comments: <i>ADA drainage issues</i>				

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *Denise Burton* Dept.: *Engr/Traffic*
 (please print)

Signature: *[Signature]* Date: *1/17/2012*

Respondent: *Culpepper + Terperling*

A	B	C	D												
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel												
A. Emergency Response time	1	0 1 2 3 4 5	0 1 2 3 4 5												
Comments: <i>15 minutes</i>															
<table border="0"> <tr> <td><i>3.1</i></td> <td><i>8.2</i></td> <td><i>9.3</i></td> </tr> <tr> <td><i>7.1</i></td> <td><i>8.4</i></td> <td><i>9.4.1</i></td> </tr> <tr> <td><i>7.3</i></td> <td><i>9.1</i></td> <td><i>9.4.2</i></td> </tr> <tr> <td><i>8.1</i></td> <td><i>9.2</i></td> <td><i>9.5</i></td> </tr> </table>	<i>3.1</i>	<i>8.2</i>	<i>9.3</i>	<i>7.1</i>	<i>8.4</i>	<i>9.4.1</i>	<i>7.3</i>	<i>9.1</i>	<i>9.4.2</i>	<i>8.1</i>	<i>9.2</i>	<i>9.5</i>			
<i>3.1</i>	<i>8.2</i>	<i>9.3</i>													
<i>7.1</i>	<i>8.4</i>	<i>9.4.1</i>													
<i>7.3</i>	<i>9.1</i>	<i>9.4.2</i>													
<i>8.1</i>	<i>9.2</i>	<i>9.5</i>													
C. Company Experience <i>4-7</i>	3	0 1 2 3 4 5	0 1 2 3 4 5												
Comments:															
D. Staff Experience <i>8-10</i>	3	0 1 2 3 4 5	0 1 2 3 4 5												
Comments:															
E. Understanding of Project	10	0 1 2 3 4 5	0 1 2 3 4 5												
Comments <i>Divulcup MUTCD</i> <i>ADA Leonaud Road</i> <i>drainage Bio Rock</i>															

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *Denise Burton* (please print) Dept.: *Engr/Traffic*

Signature: *[Signature]* Date: *11/17/2012*

Respondent: *Captec*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time Comments: <i>30min</i>	1	0 1 2 3 4 5	0 1 2 3 4 5
<i>5.1</i> <i>3.2</i>			
<i>7.1</i> <i>7.3</i> <i>10.1</i>			
C. Company Experience <i>4-7</i> Comments:	3	0 1 2 3 4 5	0 1 2 3 4 5
D. Staff Experience <i>8-10</i> Comments:	3	0 1 2 3 4 5	0 1 2 3 4 5
E. Understanding of Project Comments: <i>Cross streets</i> <i>public awareness</i> <i>8000' scope of work</i> <i>drainage</i> <i>roadway closure</i>	10	0 1 2 3 4 5	0 1 2 3 4 5

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *Denise Burton* (please print) Dept.: *Engr / Traffic*

Signature: *[Signature]* Date: *1/17/2012*

5
9
12
40
60.0

Respondent: *Creed*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			
C. Company Experience	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			
D. Staff Experience	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			
E. Understanding of Project	10	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *Ricardo M. Schoenborn* (please print) Dept.: USD

Signature: *[Handwritten Signature]* Date: 01-17-12

Respondent: *Captech*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time	1	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments:			
C. Company Experience	3	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments:			
D. Staff Experience	3	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments:			
E. Understanding of Project	10	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments			

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *Richard M. Schoerlein* Dept.: USD
(please print)

Signature: *Richard M. Schoerlein* Date: 01-17-2012

Respondent: Culpeper & Terpening

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time	1	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments:			
C. Company Experience	3	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments:			
D. Staff Experience	3	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments:			
E. Understanding of Project	10	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments			

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: RICHARD M. SCHREIBER Dept.: USD
(please print)

Signature: [Handwritten Signature] Date: 01-17-12

Respondent: *Keith & Schneiders*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Emergency Response time	1	0 1 2 <u>3</u> 4 5	0 1 2 3 4 5
Comments:			
C. Company Experience	3	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
D. Staff Experience	3	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
E. Understanding of Project	10	0 1 2 <u>3</u> 4 5	0 1 2 3 4 5
Comments:			

Instructions to Evaluator: Complete a separate evaluation form for each proposal reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the "Comments" section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgment of the merits of the identified respondent's proposal.

Committee Member: *RICHARD M. JOHNSON* (please print) Dept.: USD

Signature: *Richard M. Johnson* Date: Jan 17, 2012

QUESTIONNAIRE
E-Bid #20120027

**Design and Permitting of Melaleuca Boulevard Sidewalk
Lennard Road to Green River Parkway**

It is understood and agreed that the following information is to be used by the City of Port St. Lucie to determine the qualifications of personnel and firm as presented in this document. The Proposer waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Proposer or the personnel of the Proposer.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Consultant, Surety, bank material or equipment manufacturer or distributor, or any person, firm or corporation to furnish the City of Port St. Lucie any Pertinent information requested by the City deemed necessary to vary the information on this questionnaire.

Dated this 10th day of January, 2012

CAPTEC Engineering, Inc.

Name of Organization / Proposer

1. *Firm's office address, telephone, fax number, e-mail address and contact person for this project*

CAPTEC Engineering, Inc.

301 NW Flagler Avenue, Stuart, Florida 34994

Telephone: 772.692.4344

Fax: 772.692.4341

jcabra@gocaptec.com

Joseph W. Capra, PE

2. *Where is your assigned staff's office located for this project and what is your response time to the site for resolution of design issues indentified during construction.*

CAPTEC's only office is located in Stuart, Florida, just north of the Old Roosevelt Bridge. Our office is only 8.5 miles driving distance to the City of Port St. Lucie's Engineering Department and 6 miles from the project site. Our design staff will respond to issues immediately via telephone and can be on-site within 20 minutes and at the City of Port St. Lucie Engineering Department within 30 minutes. Outside of normal business hours, the Project Manager for this project, Etienne B. Bourgeois, lives approximately 1 mile from the project site and can respond within 10 minutes.

3. *Does your firm accept payment by Credit Card (yes or no)?* Yes
4. *List FDOT prequalification(s), applicable to this project, held by the firm.*

Group 3:

3.1 Minor Highway Design

3.2 Major Highway Design

Group 7:

7.1 Signing, Pavement Marking & Channelization

7.3 Signalization

Group 10:

10.1 Roadway Construction Engineering Inspection

5. List subconsultants, if applicable, proposed for this project.

Firm Name	Type of Work	Years Exper.	Office Location	FDOT Pre-qualifications
Andersen Andre Consulting Engineers, Inc. (AACE)	Geotechnical	19	Port St. Lucie	9.1: Soil Exploration 9.2: Geotechnical Laboratory Testing 9.4.1: Standard Foundation Studies
Betsy Lindsay, Inc. (BLI)	Survey	28	Stuart	Minor Work: Surveying & Mapping 8.1: Control Surveying 8.2: Design: Right of Way & Construction Surveying 8.4: Right of Way Mapping
R. L. Weigt Environmental Consultants	Environmental	35	Hobe Sound	N/A

6. List the design projects awarded by the City to your firm in past 12 months and your firm amount.

Project	Date of Award	Responsibility	Is Work Completed?	Amount of Contract
#20100050 Lyngate Sidewalk	3/11	Provided final design plans started by City Staff for sidewalks extending from Midport Road to U.S. Highway 1 on Lyngate Drive. This replaces existing asphalt sidewalks with 6 ft. concrete sidewalks within the same location with sidewalks adjusted to place crosswalks closer to Lyngate Drive at all cross streets.	Yes	\$11,500.00
#20100050 St. James Pedestrian Signal	5/11	Provided final design plans for pedestrian facilities at the St. James Drive/ St. James Blvd. intersection.	Yes	\$6,500.00
#20110060 E8 Waterway Design	5/11	Design repair of 10 stormwater infrastructure areas along the City's E-8 Canal relative to piping, inlets, headwalls, canals, and/or control structures.	95%	\$67,000.00
#20100050 Veteran's Memorial Sidewalk	6/11	Designed sidewalk replacement of existing concrete sidewalks with new concrete sidewalks on Veteran's Memorial Parkway between Port St. Lucie Boulevard and US1	Yes	\$24,000.00
#20100025 EWIP CO	7/11	Change order to cover structural engineering services, additional SFWMD permitting services to utilize mitigation credits for another project, additional environmental gopher tortoise permitting services and preparation of a QAPP for the Cane Slough & Azzi STAs	Yes	\$33,500.00
#20100050 Westmoreland Fiber Optic Loop Design	8/11	Design/permitting of a Fiber Optic Loop connecting existing Fiber Optics at Pine Valley St. and Westmoreland Blvd. to a splice location at US-1 & Lennard Rd. for the City's Intelligent Transportation System.	Yes	\$12,500.00
#20110123 Bayshore Boulevard Water Main	11/11	Design water main between Eyerly Ave & Sea Holly Terrace	25%	\$92,330.00
#20120005 Design & Permitting of Savona Boulevard Sidewalk & Pedestrian Bridge	1/12	Design & permitting of ±2,500 feet of 6-foot wide concrete sidewalk on the west side of Savona Boulevard from Bougainvillea Avenue to north of the C-24	No	\$153,870.80
Total:				\$401,200.80

7. *List past five (5) years of litigation history.*

Unfortunately, increased litigation during times of economic recession is an unavoidable fact of life. CAPTEC has had 2 claims in its 15 year history, both within the past 3 years.

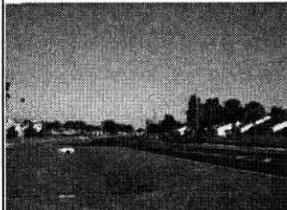
- 1) Claim, 432008SC001925SCXXXX, filed in Martin County on 8/27/08 by a Stuart, FL resident resulted from damage to plantings in an 8 ft. strip of their property, occurring during clearing activities of an adjacent property. The developer of the adjacent property was CAPTEC'S client. The developer's contractor settled with the resident & replanted the damaged area. The resident then claimed that CAPTEC's plans erroneously included the area cleared by the contractor and sought further compensation; the judge found in CAPTEC's favor during mediation. Although Small Claims mediation (10/21/08 before Judge Kathleen H. Roberts) stated that the resident would sign a Release accepting CAPTEC's payment of \$330 court costs, they never complied. Counsel has returned our payment; the matter is considered resolved.
- 2) Anna McNeil v. LTR Exquisite Shoppes, Condo Association, Inc., FPL Co., City of Port St. Lucie, CAPTEC Engineering, Inc. & Melvin Bush Construction, Inc. In 2/08, the Plaintiff, a 92 year old woman, tripped & fell in the parking lot of a strip center that had undergone parking improvements at the same as the Bayshore Blvd. widening project (CAPTEC was the City's Engineer of Record & performed CEI services for the Bayshore Blvd. project). Ms. McNeil claimed that the parking lot was poorly lit, the speed bump that she tripped on was not properly maintained, was poorly designed and was not visible – even though she had walked through the parking lot visiting the same shop dozens of times since the improvements were constructed without incident. CAPTEC was added to the lawsuit in May 2010. The City of Port St. Lucie, Mel Bush and CAPTEC agreed to a joint settlement totaling \$40,000.

These minor claims have no impact or bearing on CAPTEC'S ability to perform subject services, and it should be noted that they are the only claims that have been filed against our firm.

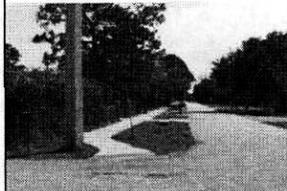
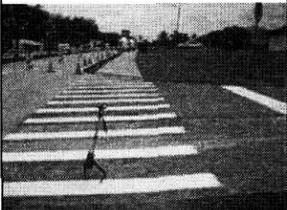
8. List applicable credentials of the staff assigned to this project.

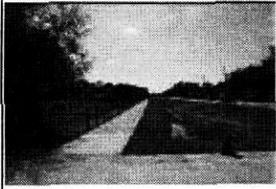
Staff Name	Title	Years Experience	Licenses	Certifications	Other
Joseph W. Capra CAPTEC	President	33	PE#37638		Introduction to Railroad Engineering, University of Wisconsin, 10/2009 Treasure Coast Regional Transit Organization (RTO) Board Member Martin MPO Technical Advisory Committee
Etienne B. Bourgeois CAPTEC	Project Manager Transportation Design	12	PE#61623	Advanced Work Zone Traffic Control Certification IMSA Traffic Signal Electrician Level II Certification	ADA/ Accessibility for Highway Design FDOT Project Management Training Course FDOT Project Development & Environment (PD&E) Training Course Roadway Drainage Design based on HEC-22 Northwestern University Traffic Institute: Intersection Design & Channelization FDOT Design Update Training 2011 FICE Roadside Design Course Water Resources Learning Center: Stormwater Mgmt. Systems Design & Hydraulic Design of Culverts Martin County Chamber of Commerce Transportation Committee Member Institute of Transportation Engineers
Rhett Keene CAPTEC	Stormwater Design	12	PE#65626	LEED AP GBCI#: 10251793	
Gary L.S. Jones CAPTEC	Quality Control	32	PE#51985	Certification #13843/ American Traffic Safety Services Association Certification #Z20902/ International Municipal Signal Association	Contract Administration/ Federal Highway Administration (FHWA) Safety Inspection of In-Service Bridges/National Highway Institute (NHI) Engineering Concepts for Bridge Inspectors (NHI) Construction Contract Interpretation Negotiating/Legal/Structures Consultant Series
Diana Spriggs, EI CAPTEC	CADD Technician	4	EI# 1100012108		
Gina Colonna CAPTEC	Project Coordinator	7			EEO, DBE, and Payroll Compliance on Local Area Projects including USDOT, OIG Video: "Fraud Awareness: False Statements and Claims"

9. List the experience of the staff assigned to this project with the design of sidewalks on a residential corridor with swale drainage.

Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
<p>Joseph W. Capra, P.E. Etienne B. Bourgeois, P.E.</p> 	CAPTEC	<p>Floresta Drive Elkam Pedestrian Bridge and Sidewalk: services included design, permitting and limited CEI for a 100-foot pedestrian bridge with abutments at each end, 350 feet of new concrete sidewalk, 4 cul-de-sacs, & swale drainage improvements. A pre-fabricated bridge was installed with a clear span over the existing canal adjacent to an existing roadway bridge. Two existing intersections were closed with cul-de-sacs, drastically improving safety in the area. Improvements to the swale drainage system were constructed to accommodate new roadway and sidewalk features. An FDEP No Notice permit was obtained. US Coast Guard permitting was not required. Survey, environmental and geotechnical sub-consultant coordination was provided.</p>	City of Port St. Lucie Kim Graham, PE 772.344.4014
<p>Joseph W. Capra, PE Etienne B. Bourgeois, P.E.</p> 	CAPTEC	<p><u>Darwin Boulevard / Tulip Boulevard Intersection Improvements & Signalization:</u> Plan preparation, drainage, roadway, signal design, permitting, bid assistance & cost estimate services. Design included widening the intersection to incorporate turn lanes, 8 ft. wide sidewalks and signalization equipment including mast arm structures. Roadway design included minor drainage improvements, utility adjustments, pavement marking & signing improvements, and signalization design. Sidewalk was designed with both swale and curbed drainage.</p>	City of Port St. Lucie Kim Graham, PE 772.344.4014
<p>Etienne B. Bourgeois, P.E. Diana Spriggs, E.I.</p>	CAPTEC	<p><u>Lyngate Drive Sidewalk Design Improvements:</u> Completed final design plans started by City Staff for sidewalks on the south side of Lyngate Drive extending from Midport Road to U.S. Highway 1 to replace existing asphalt sidewalks with 6 ft. concrete sidewalks near the same location. Sidewalks were adjusted to place crosswalks closer to Lyngate Drive at cross streets. Drainage was designed to accommodate proposed sidewalk locations to prevent ponding. Final construction plans and quantities of improvements were also provided. Sidewalk was designed with swale drainage</p>	City of Port St. Lucie Dennis Madebach 772.344.4103

Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
Etienne B. Bourgeois, P.E. Diana Spriggs, E.I.	CAPTEC	Veteran's Memorial Parkway Sidewalk Design Improvements: CAPTEC provided design plans for sidewalk construction on the west side of Veteran's Memorial Parkway between Port St. Lucie Boulevard & US-1 to replace existing concrete sidewalks with new concrete sidewalks of the same width (typically 8 ft) in the same general location providing for adherence to ADA guidelines. Utility coordination and drafting services for the City's surveyor were also performed. Final construction plans and quantities of improvements were provided. Sidewalk was designed with swale drainage.	City of Port St. Lucie Dennis Madebach 772.344.4103
Joseph W. Capra, PE Etienne B. Bourgeois, P.E. Diana Spriggs, E.I.	CAPTEC	Tiffany Sidewalk Design Improvements: provided design plans to include sidewalk plan view, general notes and details for an 8 ft. sidewalk on the south side of Tiffany Ave. to match recently installed sidewalk on the north side of Tiffany Ave. from the Hospital sidewalk terminus eastward to the sidewalk west of Lennard Rd. Associated survey services were coordinated. CEI services included bid assistance, part time inspection services, monthly pay request review and certification. Sidewalk was designed with swale drainage. Project was partially funded by FDOT.	City of Port St. Lucie Mr. Jesse Quirion, E.I. 772.871.5177
Joseph W. Capra, PE Etienne B. Bourgeois, P.E. Diana Spriggs, E.I.	CAPTEC	Green River Parkway: design & permitting of a 2-lane undivided roadway to extend Green River Parkway from the previous terminus at Jensen Beach Boulevard south to S.R. 707. The project included a large public involvement factor, combined with a new signalized intersection design, a roundabout design, a signalized intersection modification, sidewalk design, stormwater management design and water main design. The 10-foot wide sidewalk incorporated into this project was designed with both swale and curbed drainage.	Martin County BOCC Don Donaldson, PE 772.288.5927
Etienne B. Bourgeois, P.E.	CAPTEC	Cable Drive Sidewalk Improvements CAPTEC designed a concrete sidewalk along the east side of S.E. Cable Drive from Salerno Road to Cove Road within the existing right-of-way. The sidewalk was designed with swale drainage in this residential neighborhood. Grades were calculated for slight adjustments to swales, as required. Coordination with a sub-consultant surveyor was also provided. Project was partially funded by FDOT.	Martin County BOCC Ken Vreeland 772.288.5927



Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
Etienne B. Bourgeois, P.E. 	CAPTEC	<u>Hammock Creek Sidewalk Improvements:</u> designed a concrete sidewalk along the east side of S.W. High Meadow Avenue from SW Martin Highway to the existing sidewalk connection at the Hammock Creek Subdivision in the existing right-of-way. Sidewalk was designed with swale drainage. Coordinated with sub-consultant surveyor. Project was partially funded by FDOT.	Martin County BOCC Ken Vreeland 772.288.5927
Etienne B. Bourgeois, P.E. 	CAPTEC	<u>Oleander Street Sidewalk Improvements:</u> designed a concrete sidewalk along the north side of S.E. Oleander Street from U.S. Highway 1 to Dixie Highway in the existing right-of-way. Sidewalk was designed with swale drainage on a residential street. Coordinated with sub-consultant surveyor. Project was partially funded by FDOT.	Martin County BOCC Ken Vreeland 772.288.5927
Etienne B. Bourgeois, P.E. 	CAPTEC	<u>Church Street Sidewalk Improvements</u> designed a concrete sidewalk along the north side of S.E. Church St. from U.S. 1 to Dixie Highway in the existing right-of-way. Sidewalk was designed with swale drainage on a residential street. Coordinated with sub-consultant surveyor. Project was partially funded by FDOT.	Martin County BOCC Ken Vreeland 772.288.5927
Etienne B. Bourgeois, P.E. 	CAPTEC	<u>Ellendale Sidewalk Improvements</u> designed a concrete sidewalk along the north side of SE Ellendale St. from SE Dixie Hwy. to Evergreen St. in the existing right-of-way. Sidewalk was designed with swale drainage on a residential street. Coordinated with sub-consultant surveyor. Project was partially funded by FDOT.	Martin County BOCC Ken Vreeland 772.288.5927
Etienne B. Bourgeois, P.E. 	CAPTEC	<u>Lillian Court Sidewalk Improvements</u> designed a concrete sidewalk along one side of S.E. Lillian Court from the existing sidewalk south of US-1 to the existing sidewalk south of S.E. Lower Street in the existing right-of-way. Sidewalk was designed with swale drainage on a residential street. Coordinated with sub-consultant surveyor. Project was partially funded by FDOT.	Martin County BOCC Ken Vreeland 772.288.5927

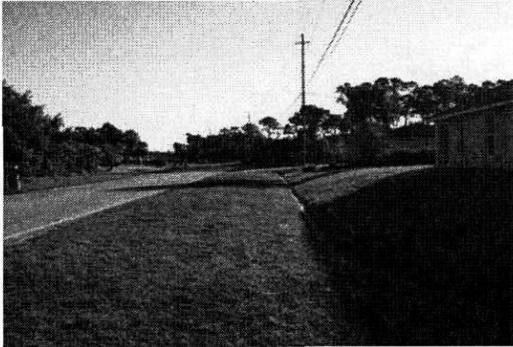
Staff Name	Company	<u>Project Name & Description</u>	Project Owner and Telephone Number
<p>Joseph W. Capra, PE Etienne B. Bourgeois, P.E. Diana Spriggs, E.I.</p> 	CAPTEC	<p>Becker Road Widening: Preliminary/ Final Design & Permitting for this 3.6 mile major arterial project including creating a gateway atmosphere for this section of roadway that connects interchanges at Florida's Turnpike and Interstate 95. Roadway design included widening from a 2 Lane Rural Undivided Roadway to a 4-Lane Divided Urban Arterial. Extensive modifications were required to existing utility lines. Permitting was obtained from SFWMD, ACOE, FWCC & FDEP. Design included 5 new Signalized Intersections and Pedestrian/Street lighting along the entire corridor. Stormwater improvements included addition/expansion of 10 Stormwater Detention Ponds. The project was constructed in 4 Segments and also involved Expert Witness Testimony. Improvements included sidewalk installation.</p>	City of Port St. Lucie James Angstadt, PE 772.344.4239
<p>Joseph W. Capra, PE Etienne B. Bourgeois, P.E.</p> 	CAPTEC	<p>Lennard Road Expansion: Designed reconstruction of a 2-lane roadway to a 4-lane divided curb & gutter section for a distance of ±2 miles. Roadway and drainage infrastructure improvements were designed for a future 6-lane roadway. Use of existing outfall areas along the corridor provided a cost savings to the City & improvements were provided in the existing right of way. Coordinated with sub-consultants. Participated in public meetings and assisted in preparation of public notices. ERP from the SFWMD, St. Lucie County Signal/Roadway Permit Modifications for Walton Rd intersection and ACOE permits were obtained. Final roadway, drainage, signals, pavement marking, signing, sidewalk, construction cost estimates & technical specifications were provided.</p>	City of Port St. Lucie Kim Graham, PE 772.344.4014
<p>Joseph W. Capra, PE Etienne B. Bourgeois, P.E.</p> 	CAPTEC	<p>Bayshore Boulevard Expansion: from Port St. Lucie Blvd 3.2 miles north to Prima Vista Blvd. Designed & permitted a 2-lane roadway to a 4-lane divided curb & gutter section. Design considered future 6-lanes. Analyzed roadway typical sections, roadway geometry, sidewalk design, access management, conceptual stormwater management system design, drainage area maps, identified parcels for stormwater management facility acquisition, coordinated with permitting agencies & utilities. CAPTEC coordinated Public Meetings to solicit area resident/commercial input. Permitting was coordinated/obtained through the City, FDEP, FDOT & SFWMD. Coordinated with the St. Lucie County School District and commercial properties along Bayshore.</p>	City of Port St. Lucie Patricia Roebing, PE 772.871.5174

10. List the experience of the staff assigned to this project with FDOT LAP Projects.

Staff Name	Role	Project Name & Description	Project Owner and Telephone Number
Joseph W. Capra Etienne B. Bourgeois Gina Colonna CAPTEC	Quality Control Project Manager Project Coordinator	<u>Westmoreland Fiber Optic Loop Design:</u> Design/permitting of a Fiber Optic Loop connecting existing Fiber Optics at Pine Valley St. and Westmoreland Blvd. to a splice location at US-1 & Lennard Rd. for the City's Intelligent Transportation System.	CPSL Engineering Dept. Jennifer Gent, P.E. 772.871.7340
		<u>E. Ocean Crosswalks:</u> enhance existing crosswalks in downtown Stuart, primarily on Flagler Ave., E. Ocean Blvd and Colorado Ave. to include installing Solar-powered flashing pavement markers, upgrading existing pedestrian crossing signs to fluorescent green colored signs, adding crosswalk signs, adding crosswalk ahead signs with flashing beacons at downtown entrances, and adding several crosswalks on E. Ocean Boulevard at strategic locations. This LAP project utilized FDOT Enhancement Funds.	City of Stuart Public Works Sam Amerson, PE 772.288.5331
		<u>Town of Sewalls Point Beautification:</u> Assisted the Town of Sewalls Point in applying for \$369,445.92 in FDOT Transportation Enhancement Funding for improvements to include intersection cross-walk improvements at River Rd & S. Sewall's Point Rd, creation of new landscaped areas, driveway apron enhancement for pedestrian walk-ways, corridor pedestrian lighting and landscaping improvements.	Town of Sewall's Point Robert Kellogg, Town Manager 772.287.2455
		<u>Savona Sidewalk and Pedestrian Bridge:</u> Project consists of the design and permitting of 2,500 linear feet of 6' wide sidewalks and a pedestrian bridge crossing the C-24 Canal. This project will be designed to accommodate the future widening of Savona Boulevard, reducing future costs to be endured by the city.	CPSL Engineering Dept. Edith Majewski 772.344.4291
Etienne B. Bourgeois CAPTEC	Project Manager	<u>Dixie Highway Sidewalk:</u> assisted the City of Stuart on a pro bono basis by providing documents for submittal to FDOT, in accordance with LAP procedures, to successfully obtain Transportation Enhancement Program Funding.	City of Stuart Public Works Sam Amerson, PE 772.288.5331

Staff Name	Role	Project Name & Description	Project Owner and Telephone Number
David P. Andre, P.E. AACE	Geotechnical – Project Manager	CPSL/LAP Sidewalk Project – Morningside Blvd., Floresta Dr. and Westmoreland Blvd.	CPSL Engineering Dept. Jennifer Gent, P.E. 772.871.7340
		CPSL/CAPTEC – Hillmoor Dr. Pedestrian Bridge at East Lake Village	CPSL Engineering Dept. Kim Graham, P.E. 772.344.4014
		CPSL – Floresta Drive Pedestrian Bridge	
Peter G. Andersen, P.E. - AACE	Geotechnical – Senior Project Engineer	CPSL Sidewalk and ADA Ramp Geo. and Testing, Airoso and Lakehurst, Morningside and Post Office, CPSL City Hall	CPSL Engineering Dept. Mr. Jesse Quirion (Attn.: Kim Graham, P.E.) 772. 344.4014
		Tesoro A-2 Pond Bridge Geotechnical Engineering	Mr. Rich Campbell w/The Ginn Co. 772.370.7695
Elizabeth Lindsay, PLS - BLI	Surveyor	E. Ocean Crosswalks, Downtown Stuart: Topography / Specific Purpose Survey	City of Stuart Public Works Sam Amerson, PE 772.288.5331
David J Wichser, PSM - BLI	Surveyor	US 1 & Britt Road - Intersection Turn Lane Improvements	Martin County Engineering Bobby Byrd 772-288-5436
David J Wichser, PSM - BLI	Surveyor	Kanner Highway / US1 - Topographic Survey for the proposed Southbound turn lane onto Kanner Hwy from US1	Martin County Engineering / Arcadis Hank Diebel, P.E. 561-697-7000
Robert Weigt R.L. Weigt Environmental Consultants	Project Manager	Jetty Park Phase I	City of Ft. Pierce, John R. Andrews, City Engineer, (772) 460-2200
Robert Weigt R.L. Weigt Environmental Consultants	Project Manager	Jetty Park Phase II	City of Ft. Pierce, John R. Andrews, City Engineer, (772) 460-2200
Freda Posin R.L. Weigt Environmental Consultants	Environmental Assessment, Permitting, Agency coordination	Jetty Park Phase II	City of Ft. Pierce, John R. Andrews, City Engineer, (772) 460-2200

11. Identify and discuss the challenges and issues associated with the design of the Melaleuca Boulevard Sidewalk. Include discussions about the design, innovative ideas, public notification, meeting the deadlines, complying with the FDOT LAP requirements, and meeting the City's design budget.



Sidewalk location – The swale liner along Melaleuca is generally located ± 6 feet from the right-of-way, assuming that the utility poles are located at the right-of-way line. Placing the sidewalk at the right-of-way line, which is typically most desirable, will require major grading adjustments to the swale and create steeper front slopes from the edge of roadway pavement. Placing the sidewalk between the existing swale liner and edge of pavement reduces the separation between the roadway and sidewalk, but also reduces the impact to existing

drainage features and residential lots.

It should be noted that the 2035 plan does not identify any need for Melaleuca Boulevard to be widened, which would have an impact on sidewalk placement.

Cross Slopes – In general, designing the sidewalk with a cross slope not exceeding 2% does not create any issues; however, there are some areas where this will become an issue on this project:

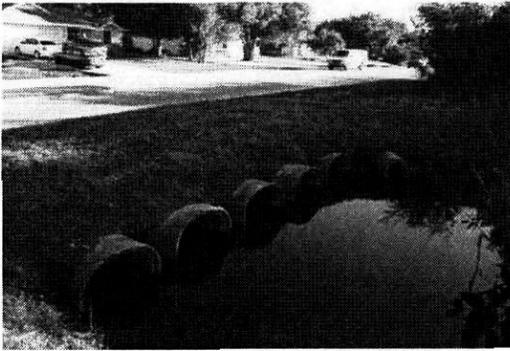
- **Driveways** – field observations reveal that the sidewalk crossing at many driveways will exceed a 2% cross slope. At these crossings the driveway will be replaced between the back of sidewalk and edge of pavement so a 2% cross slope can be maintained on the sidewalk. Two driveways are coated with a decorative finish that should be matched following replacement.



- **Roadway crossings** – all proposed crosswalk locations need to be checked for cross slope. The latest ADA Public Right-of-Way Accessibility Guideline (PROWAG) requires crosswalk cross-slopes to not exceed 2% but does not limit longitudinal slopes of crosswalks.

Longitudinal Slopes – The longitudinal topography is generally flat within the project limits; however, changes in grade will occur at driveway crossings and drainage structure crossings. We will evaluate each area to guarantee that a 5% slope is not exceeded at any location.

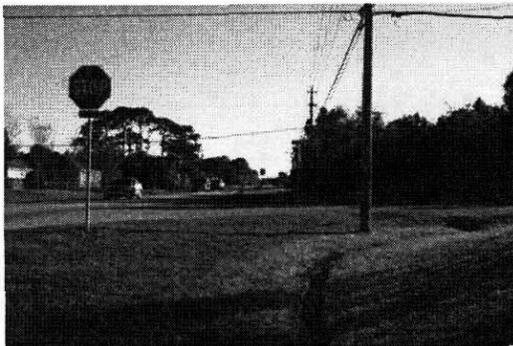
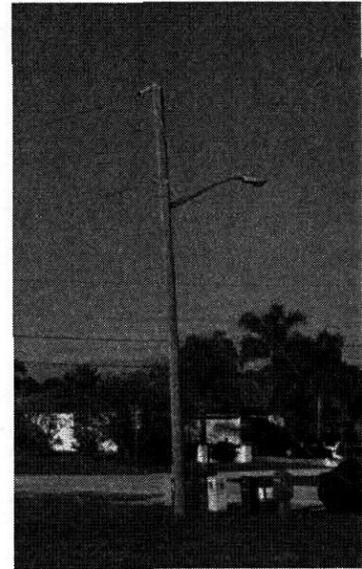
Utility Conflicts – Utility Conflicts do not appear to be an issue on this project. An existing water main is located on the south side of the roadway and several valve boxes may need to be adjusted. It is possible that some fire hydrants may need to be relocated due to the sidewalk improvements.



Drainage Conflicts – Accommodating the existing drainage is a major part of this project. Besides the 4 Canal Crossings, all conflicts with swales at intersections will need to be addressed. If the sidewalk is placed between the swale and roadway, the number of drainage conflicts is greatly reduced. If the sidewalk is located behind the swale, stormwater will need to be piped under the sidewalk at each intersection. Safety improvements for both vehicles and pedestrians will need to be provided.

Lighting – Street lights line the south side of Melaleuca Boulevard. Approximately half the utility poles currently have standard FPL cobra head fixtures mounted to them. Additional lights could be added to the poles to increase the lighting of the proposed sidewalk.

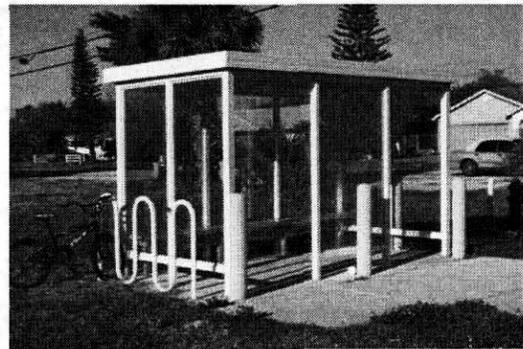
It has also been our experience that the intersection of Green River Parkway and Melaleuca Boulevard is poorly illuminated. With a crossing planned across Green River Parkway, installing at least one luminaire would increase visibility and safety to pedestrians and vehicular traffic on Green River Parkway.



Roadway Crossings – The proposed sidewalk will cross 11 Stop Controlled roadways and 1 uncontrolled roadway. At each stop controlled roadway crossing, the crosswalks will be properly marked and will be properly spaced from the existing stop-bars and stop signs. Most of the side streets have Stop Signs without Stop Bars. CAPTEC recommends that stop bars be added with the crosswalk striping. At the uncontrolled crossing at Green River Parkway, the crosswalk should be marked using standard FDOT High Emphasis Crosswalk Markings and signed with both advance pedestrian crossing signs and crosswalk signs. The City may desire to add a pedestal mounted flashing beacon to the advance warning sign or one of the many pedestrian initiated warnings such as flashing crosswalk markers and rectangular flashing beacons. The pedestrian initiated items can be triggered by infrared detectors, push buttons, or pedestrian detector pads.

All Crossings will feature sidewalks flush with the asphalt pavement and detectable warnings as required by the PROWAG.

Bus Stop – The existing Bus Stop at Melaleuca Boulevard & Berkshire Boulevard needs to be connected to the proposed sidewalk. When this connection is made, many of the existing reflectors will be removed.



Public Awareness - This project is a major benefit for Eastern Port St. Lucie. As a major collector, Melaleuca Boulevard is heavily traveled and this project will be highly visible. When finished, it will provide a much needed pedestrian connection between Green River Parkway and Lennard Road. Additionally, Children will no longer need to walk within roadside swales to and from their school bus stops. In order to introduce the community to this project, a public involvement meeting should be held following completion of the 30% plans. Mariposa Elementary School and the Elks Lodge are both in close proximity to the project and could be

good venues for a public meeting. It may be beneficial to create a website or webpage for this project so the public can track its progress. A Quick Reference 'QR' barcode could be added to all project mailers, brochures, or door hangers to give the public a quick avenue of gaining additional information.

Submittals – As part of this contract, the City requires the submittal of design plans at 30%, 60%, 90%, and 100% completion levels. FDOT, on the other hand, only requires submittal of design plans at 30% and 100%. The Initial Submittal for LAP projects includes 30% plans and a 30% cost estimate, along with the administrative checklist and construction narrative which are prepared by the City. We will work closely with City staff during the development of 30% plans so they can be submitted to FDOT for review concurrently with the City's review. The 60% plans will incorporate all FDOT and City comments and be submitted to the City only for review. The 90% submittal will include the completed design plans, cost estimate, specifications, utility coordination documentation, and all other information required for the LAP Constructability Submittal to FDOT. All City comments will be addressed following review of the 90% submittal to create the 100% plans. This process will allow us to streamline the design/review process to stay on track with FDOT's schedule.

Paperwork – The FDOT LAP procedures require more paperwork than typical City projects. Recently, FDOT has revised its requirements for the various submittals, eliminating the re-submittal of multiple documents; however, they have not eliminated many documents in totality. CAPTEC will be utilizing the latest LAP Checklists which outline the documents required at each phase.

Environmental – The LAP Agency is responsible for evaluating environmental concerns so that NEPA 1969 criteria is met. FDOT has already identified 5 Wetlands based on research through the National Wetland Inventory. The Freshwater Emergent Wetlands that have been identified appear to have been impacted and eliminated during the construction of Melaleuca Boulevard and the adjacent properties. The Riverine Wetland is a City constructed and maintained Canal system that does not discharge directly to any jurisdictional waterway. We do not believe that the South Florida Water Management District (SFWMD) or The Army Corp of Engineers will claim jurisdiction over any of the wetlands mentioned. The Freshwater Pond wetland noted by FDOT is outside the project limits and will see no effect from this project.

FDOT identified six (6) threatened or endangered species in their initial evaluation. No evidence of any of these species was found during our evaluation of the project site; however, a formal study should be performed.

We will perform a full Environmental Assessment of the Project Site to satisfy the requirements of NEPA. The Assessment will provide the City with all the information needed to complete the FDOT's Categorical Exclusion Checklist and backup memorandum.

Schedule – Any changes to the project schedule must be brought to the attention of the FDOT ASAP. It is easy for the Department to revise commitment dates as needed, as long as the request is made prior to the commitment date. CAPTEC will, however, make every attempt to prepare a schedule for this project that is reasonable and easily accommodates each FDOT deadline.

Specifications – Any variations to the standard FDOT Specifications must be approved by the FDOT.

Electronic Review Comments (ERC) – Etienne Bourgeois has access to the FDOT's ERC database. All FDOT comments and responses are transmitted through the ERC system.

Budget – We are not privy to the City's design budget for this project; however, CAPTEC is well aware of today's budget constraints and will continue to provide design services to the City within their allotted budget. This is a great community improvement project and we would not allow our design fee to be a hindrance to its implementation.

12. Please provide a draft scope of work describing the services required to complete the design and permitting of the project.

The City of Port St. Lucie is seeking the professional engineering services for the design and permitting of approximately 8,950 feet of five-foot wide concrete sidewalk on the south side of Melaleuca Boulevard from the existing sidewalk at Lennard Road to the existing sidewalk on Green River Parkway. This project is being completed through the FDOT Local Agency Program (LAP) and the consultant will be responsible for completing the necessary submittals and preparing the design so that the project is in compliance with FDOT LAP requirements.

The required engineering services encompasses all survey, geotechnical, design and permitting work associated with the complete design and permitting of the sidewalk including, but not limited to, intersection improvements; drainage modifications; driveway and culvert replacement; utility relocations; permitting; completion of the requisite FDOT LAP documentation showing the coordination and resolution of environmental issues during the development of the plans; coordination and minor assistance with the public notification of the construction project; and minimal post design services.

The consultant shall prepare a complete set of construction plans in accordance with FDOT Plans Preparation Manual. The design shall follow the FDOT design criteria set forth in the Standard Specifications, Roadside Design Guide, and the Manual of Uniform Minimum Standards for Design, Construction, and Maintenance of Standard Streets (Florida Green Book). Additional criteria from the AASHTO A Policy on Geometric Design of Highways and Streets and the Institute of Traffic Engineers (ITE) Traffic Engineering Handbook may also be applicable. The construction plans shall include cross sections at a minimum of 200-foot intervals as well as plan and profile views. The design plans shall be developed in consideration of and show the three phases of construction: Phase I – Camden Street to Berkshire Boulevard; Phase II - Berkshire Boulevard to Green River Parkway; and Phase III – Lennard Road to Camden Street.

The consultant shall coordinate the design plans with and obtain permits from all applicable agencies including, but not limited to, City Engineering Department, City Utility Systems Department, FDOT, private utility owners, and St Lucie County.

The consultant shall submit the applicable components of the LAP submittals to the City and be familiar with FDOT's electronic review process (ERC) for addressing FDOT review comments. Post design services include, but are not limited to, preparation of the construction specifications, answering questions about the bid documents during the bid process, attending the preconstruction meeting and the progress meetings, as needed, and resolve design issues identified in the field during construction.

In addition to the deliverables to FDOT and the regulatory reviews, deliverables supplied to the City shall include:

- Two (2) hard copies of 30%, 60%, and 90% Construction Drawings
- One (1) PDF copy of 30%, 60%, and 90% Construction Drawings
- Four (4) sets of signed and sealed 100% "Approved for Construction" Drawings
- One (1) PDF copy of 100% "Approved for Construction" Drawings
- One (1) AutoCad copy of 100% "Approved for Construction" Drawings
- One (1) hard copy of permit application submittals

All 3 Segments will be designed and submitted concurrently.

Task 1 – Preliminary Engineering (30%)

The Engineer will perform the project survey in reference to NAD 83 datum and NAVD 88 datum. The survey will consist of recording topographic information within the project limits along Melaleuca Boulevard from the centerline of the road to 10 feet outside the existing southerly Right-of-Way. All cross drains will also be incorporated into the survey. The Engineer will provide a Project Network Control Sheet to accurately correlate design information to existing benchmarks. The City will be responsible for providing any title work needed to clarify discrepancies encountered when researching the existing Right-of-Way.

The Engineer will complete the geotechnical investigation of the site. Thirty-Five (35) auger borings will be sampled to a depth of 5 feet along the proposed sidewalk alignment to determine the depth of topsoil and the presence of any subsurface unsuitable soil. Findings will be detailed in a report that will include recommendations for the construction of the proposed pedestrian bridge and sidewalks.

The Engineer will complete an Environmental Assessment of the project limits. The Assessment will be necessary to fulfill SFWMD, ACOE, and FDOT requirements and will include:

- Wetland Delineation for SFWMD and ACOE jurisdictional determination
- Endangered & Threatened Species Survey
- Vegetation (FLUFCS) Map
- Soils Map
- SHPO Review
- EA Report

The Engineer will coordinate directly with FDOT to resolve all environmental concerns following completion of the Environmental Assessment.

The Engineer will prepare 30% Sidewalk Improvement Plans for the project. The 30% Plan Set will include the following sheets:

- Key Sheet - Preliminary
- Typical Section - Preliminary
- Project Layout - Preliminary
- Sidewalk Plan-Profile - Preliminary
- Intersection Layout/ Detail - Preliminary
- Cross Sections - Preliminary
- Traffic Control Plans – Preliminary

The Engineer will obtain a design ticket through Sunshine One Call (SSOC) for the project. All utility owners identified on the design ticket will be notified of the upcoming project and preliminary plans will be sent to the utility owners with requests for the owners to identify the location of their utilities.

The 30% plans will be submitted upon completion to the City of Port St. Lucie for review. Any comments received will be addressed and 30% Plans resubmitted to the City for FDOT LAP Initial Phase submittal.

The Engineer will prepare a 30% Cost Estimate using FDOT Pay Items and the FDOT approved spreadsheet. The Cost Estimate will be submitted with the 30% Plans for Submittal to FDOT.

Task 2 – Design Development (60%)

The Engineer will attend a Public Involvement Meeting during this task. The Engineer will provide plans and display boards as needed and discuss the project with attendees in an informal setting.

The Engineer will prepare 60% Sidewalk Improvement Plans for the project. The 60% Plan Set will include the following sheets:

- Key Sheet – Complete but Subject to Change
- Summary of Pay Items - Preliminary
- Typical Section - Complete but Subject to Change
- Project Layout - Complete but Subject to Change
- Sidewalk Plan-Profile - Complete but Subject to Change
- Intersection Layout/ Detail - Complete but Subject to Change
- Roadway Soil Survey - Preliminary
- Cross Sections – Preliminary
- Stormwater Pollution Prevention Plan - Preliminary
- Traffic Control Plans – Preliminary
- Utility Adjustment – Preliminary
- Selective Clearing & Grubbing (if needed) – Preliminary
- Signing & Marking Plans – Preliminary

The 60% plans will be submitted upon completion to the City of Port St. Lucie for review. Any comments received will be addressed and incorporated into the 90% Plans.

Task 3 – Final Engineering (90%)

The Engineer will prepare 90% Sidewalk Improvement Plans for the project. The 90% Plan Set will include the following sheets:

- Key Sheet – Complete but Subject to Change
- Summary of Pay Items – Complete but Subject to Change
- Typical Section - Complete but Subject to Change
- Project Layout - Complete but Subject to Change
- Sidewalk Plan-Profile - Complete but Subject to Change
- Intersection Layout/ Detail - Complete but Subject to Change
- Roadway Soil Survey – Complete but Subject to Change
- Cross Sections – Complete but Subject to Change
- Stormwater Pollution Prevention Plan – Complete but Subject to Change
- Traffic Control Plans – Complete but Subject to Change
- Utility Adjustment – Complete but Subject to Change
- Selective Clearing & Grubbing (if needed) – Complete but Subject to Change
- Signing & Marking Plans – Complete but Subject to Change

The Engineer will prepare Technical Specifications to be included in the bid documents. The Technical specifications will include the items that FDOT requires for all LAP Projects as well as any technical specifications needed for construction items that are not covered in the construction plans or FDOT Standard Specifications.

The Engineer will prepare a 90% Cost Estimate using FDOT Pay Items and the FDOT approved spreadsheet. The Engineer will prepare plans using hatched areas and labels to provide back-up of all quantities.

The Engineer will send 90% plans to all utility owners for verification of their utility locations. Utility owners will also be instructed to finalize the design of any of their utilities needing adjustment for the construction of this project. No Test Holes to locate existing utilities are included in this contract.

The Engineer will submit the 90% Plans, Technical Specifications, Cost Estimate, and Utility Coordination Documentation, to the City for review. All comments received will be incorporated into the 100% documents.

Task 4 – Bid Documents (100%)

The Engineer will prepare 100% Sidewalk Improvement Plans for the project. The 100% Plan Set will include the following sheets:

- Key Sheet – FINAL
- Summary of Pay Items – FINAL
- Typical Section – FINAL
- Project Layout – FINAL
- Sidewalk Plan-Profile – FINAL
- Intersection Layout/ Detail – FINAL
- Roadway Soil Survey – FINAL
- Cross Sections – FINAL
- Stormwater Pollution Prevention Plan – FINAL
- Traffic Control Plans – FINAL
- Utility Adjustment – FINAL
- Selective Clearing & Grubbing (if needed) – FINAL
- Signing & Marking Plans – FINAL

The Engineer will finalize Technical Specifications to be included in the bid documents.

The Engineer will prepare a 100% Cost Estimate using FDOT Pay Items and the FDOT approved spreadsheet. The Engineer will prepare plans using hatched areas and labels to provide back-up of all quantities.

The Engineer will submit the signed & sealed 100% Plans, Technical Specifications, Cost Estimate, Environmental Checklist and Memorandum, and Utility Coordination Documentation to the City for submittal to FDOT

Task 5 – Permitting

The Engineer will prepare permit applications and submit application packages to all permitting agencies anticipated for this project. The Engineer will submit documentation for the following permits:

- SFWMD/ACOE ERP
- SFWMD Water Use/Dewatering
- City of Port St. Lucie Utility Systems Department (if needed)

Permitting work will begin following development of the 30% Plans. The City will be required to pay all permitting fees directly to the permitting agencies. The total combined fees paid to permitting agencies are not expected to exceed \$5,250 based on the current fee schedules:

- SFWMD/ ACOE ERP General Permit Fee = \$3,500 or,
- SFWMD/ ACOE ERP General Permit Modification Fee = \$1,500 and,
- SFWMD Water Use/ Dewatering Fee = \$500

Task 6 – LAP coordination

The Engineer will provide specific items required for submittal to FDOT in accordance with the latest FDOT LAP submittal checklists. This Task includes the submittal of the documents required for the Initial, and Constructability Phase Submittals. The Engineer will provide the City with the required hardcopies and electronic files. The City will be responsible for preparing items such as the LAP Certification documents, the Right-of-Way Certification, Environmental Checklist and Backup

Memorandum, Front End Documents for the Bid Documents, the Federal Requirements LAP Checklist for Construction Contracts, and the Compact Disks containing all submittal documents. The City, as LAP Administrator, will be required to submit all documents to FDOT.

The Engineer will provide responses to all FDOT comments using the Electronic Review Comments (ERC) system. The LAP Administrator will be responsible for requesting the Engineer's assignment to the ERC system for this project from FDOT.

Task 7-Post Design Services

The Engineer will answer questions about the bid documents during the bid process, attend the preconstruction meeting and the progress meetings, as needed, and resolve design issues identified in the field during construction. The fee provided for this task is estimated and may need to be increased based on the amount of field assistance requested during construction.

Milestone dates:

To be determined based on the NTP date and FDOT LAP schedule.

ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued

CERTIFICATION:

This E-Bid is submitted by: **Joseph W. Capra** who is an officer of the above firm duly authorized to sign proposals and enter into contracts. I certify that this E-Bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards. I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20100050.

I agree to abide by all conditions of this E-Bid.:

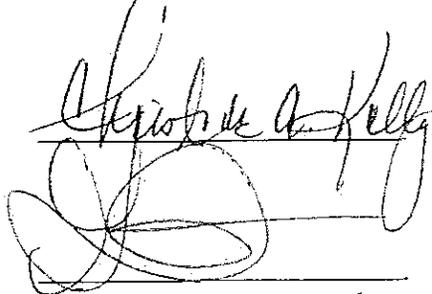


 Signature

 President
 Title

If a corporation renders this E-Bid, the corporate seal attested by the secretary shall be affixed below. Any agent signing this E-Bid shall attach to this form evidence of legal authority.

Witnesses:



Corporation:

 CAPTEC Engineering, Inc.
 Print Name of Corporation

By: 

 (President)

Attest: 

 (Secretary)



"A City for All Ages"

CITY OF PORT ST. LUCIE

*Sealed Electronic Proposal #20120027
(E-Bid)*

*Design and Permitting of
Melaleuca Boulevard Sidewalk
from
Lennard Road to Green River Parkway*

Prepared By:
Cheryl Shanaberger
Office of Management & Budget
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984-5099
772-871-7390
cheryls@cityofpsl.com



**QUESTIONNAIRE
E-Bid #20120027**

**Design and Permitting of
Melaleuca Boulevard Sidewalk
Lennard Road to Green River Parkway**

It is understood and agreed that the following information is to be used by the City of Port St. Lucie to determine the qualifications of personnel and firm as presented in this document. The Proposer waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Proposer or the personnel of the Proposer.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Consultant, Surety, bank material or equipment manufacturer or distributor, or any person, firm or corporation to furnish the City of Port St. Lucie any Pertinent information requested by the City deemed necessary to vary the information on this questionnaire.

Dated this **10th** day of **January, 2012**

Creech Engineers, Inc.

1. Firm's office address, telephone, fax number, e-mail address and contact person for this project.

**Creech Engineers, Inc.
501 SE Port St. Lucie Boulevard
Port St. Lucie, FL 34984
772-249-0733
772-220-7881 Fax
Jerry Compton
jcompton@creechinc.com**

2. Where is your assigned staff's office located for this project and what is your response time to the site for resolution of design issues identified during construction.

Howard Ehram, P.E., will serve as the Sr. Project Manager for Creech Engineers, Inc., in our Port St. Lucie, Florida office located on Port St. Lucie Boulevard approximately ¼ mile east of City Hall. CAD Designer/Technicians and administrative staff will also be assigned to the Port St. Lucie Office for the duration of this project. Additional support, if needed, will come from the Creech Engineers, Inc. staff at our Stuart office located conveniently at the intersection of I-95 and Kanner Highway (SR 76) in Stuart. Our Team understands the importance of meeting the FDOT and LAP requirements for this project and will utilize the staff of Atkins North America, Inc. located next door to the FDOT District office. This will optimize our team's LAP coordination and help expedite and resolve any FDOT concerns that may arise.

Response time for any project issues will be 15 minutes or less and our staff members are available by phone, email or text on a 24hour/7days per week /365 days per year basis.

We will be available to attend all design progress meetings as requested by the City. Our team is also available to meet at the project site throughout construction to make sure the final product is adhering to the design plans.

3. Does your firm accept payment by Credit Card (yes or no)? YES
4. List FDOT prequalification(s), applicable to this project, held by the firm.

Creech Engineers relevant prequalifications are listed in "*italicized bold*" below:

- Group 3 - Highway Design – Roadway**
 - 3.1 Minor Highway Design**
 - 3.2 Major Highway Design**
- Group 6 - Traffic Engineering and Operations Studies**
 - 6.1 Traffic Engineering Studies**
- Group 7 - Traffic Operations Design**
 - 7.1 Signing, Pavement Marking & Channelization**
- Group 8 - Survey & Mapping**
 - 8.1 Control Surveying**
 - 8.2 Design, Right of Way & Construction Surveying**
 - 8.4 Right of Way Mapping**
- Group 10 - Construction Engineering Inspection**
 - 10.1 Roadway Construction Engineering Inspection**
 - 10.3 Construction Materials Inspection**
- Group 13 – Planning**
 - 13.6 Land Planning / Engineering**

5. List subconsultants, if applicable, proposed for this project.

Firm Name	Type of Work	Years Experience	Office Location	FDOT Pre-qualifications
Atkins North America Inc.	LAP Coordination and FDOT Compliance; Structures Design, QA/QC	52 years	Fort Pierce, West Palm Beach, Fort Lauderdale, Miami	Atkins relevant prequalifications are listed in "bold" below

Group 2 – Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design – Roadway

3.1 Minor Highway Design

3.2 Major Highway Design

3.3 Complex Highway Design

Group 4 - Highway Design – Bridges

4.1.1 Miscellaneous Structures

4.1.2 Minor Bridge Design

4.2.1 Major Bridge Design - Concrete

4.2.2 Major Bridge Design – Steel

4.2.3 Major Bridge Design - Segmental

Group 5 – Bridge Inspection

5.1 Conventional Bridge Inspection

5.3 Complex Bridge Inspection

5.4 Bridge Load Rating

Group 6 - Traffic Engineering and Operations Studies

6.1 Traffic Engineering Studies

6.2 Traffic Signal Timing

6.3.1 Intelligent Transportation Systems Analysis and Design

6.3.2 Intelligent Transportation Systems Implementation

6.3.3 Intelligent Transportation Traffic Engineering Systems

Communications

6.3.4 Intelligent Transportation Systems Software Development

Group 7 - Traffic Operations Design

7.1 Signing, Pavement Marking & Channelization

7.2 Lighting

7.3 Signalization

Group 8 - Survey & Mapping

8.1 Control Surveying

8.2 Design, Right of Way & Construction Surveying

8.4 Right of Way Mapping

Group 10 - Construction Engineering Inspection

10.1 Roadway Construction Engineering Inspection

10.3 Construction Materials Inspection

10.4 Minor Bridge & Miscellaneous Structures CEI

10.5.1 Major Bridge CEI – Concrete

10.5.2 Major Bridge CEI – Steel

Group 11 – Engineering Contract Administration and Management

- Group 13 – Planning
 - 13.3 Policy Planning
 - 13.4 Systems Planning
 - 13.5 Subarea / Corridor Planning
 - 13.6 Land Planning / Engineering
 - 13.7 Transportation Statistics
- Group 14 – Architect
- Group 15 – Landscape Architect
- Group 20 – Appraisal
- Group 21 – Acquisition, Negotiation, Closing, and Order of Taking
- Group 24 – Acquisition Relocation Assistance
- Group 25 – Right of Way Clearing and Leasing

Firm Name	Type of Work	Years Experience	Office Location	FDOT Pre-qualifications
Andersen Andre Consulting Engineers, Inc. (AACE)	Geotechnical Engineering	6 years	Port St. Lucie	AACE relevant prequalifications are listed in “bold” below

- Group 9 – Soil Exploration, Material Testing & Foundations**
 - 9.1 – Soil Exploration**
 - 9.2 – Geotechnical Laboratory Testing**
 - 9.4.1 – Standard Foundation Studies**

6. List the design projects awarded by the City to your firm in past 12 months and your firm amount. **No Design Projects. Creech Engineers, Inc. is currently providing Construction Engineering and Inspection (CEI) services for the Lyngate Drive Sidewalk Improvements project.**

Project	Date of Award	Responsibility	Is Work Completed?	Amount of Contract
Total Amount				0.00

7. List past five (5) years of litigation history. **None**

8. List applicable credentials of the staff assigned to this project.

Primary Staff Name	Title	Years Experience	Licenses	Certifications	Other
Howard Ehrsam, PE Creech Engineers, Inc.	Sr. Project Manager	22 years	Florida, PE, CGC	LEED	Extensive experience with various complex types of hardscapes, sitework and infrastructure
Jeffrey Norris, PE Creech Engineers, Inc.	Chief Engineer	32 years	Florida, PE	FDEP Qualified Stormwater Management Inspector	
Patrick Meeds, PSM Creech Engineers, Inc.	Director of Surveys	34 years	Florida, PSM		Served as and adjunct facility instructor for the AS Surveying degree program at Palm Beach Community College
Ricardo Castro, PE Atkins N America, Inc.	LAP Coordinator	10 years	Florida, PE	Advanced MOT	Extensive LAP experience with FDOT deliverable requirements
Prakash Ganesh, PE Atkins N America, Inc.	Structural Engineer	7 years	Florida, PE		
David Andre, PE AACE	Principal Engineer	19 years	Florida, PE		Geotechnical Services on numerous CPSL Sidewalks including Thornhill Drive, Morningside Blvd., Darwin Blvd. and Tiffany Avenue

Support / QAQC Staff Name	Title	Years Experience	Licenses	Certifications	Other
Richard Creech, PE, PSM Creech Engineers, Inc.	Principal-in-Charge	35 years	Florida, PE Florida, PSM	FDEP Qualified Stormwater Management Inspector	
Jerry Compton Creech Engineers, Inc.	Branch Manager	25 years		FDEP Qualified Stormwater Management Inspector	
Dominic Novello III, PE Atkins N America, Inc.	Sr. Engineer	17 years	Florida, PE	Advanced MOT	Extensive experience with FDOT deliverable requirements
Raul Andujar, PE Atkins N America, Inc.	Sr. Engineer	12 years	Florida, PE	Advanced MOT	Extensive experience with FDOT deliverable requirements
Allan Berry, PE Atkins N America, Inc.	Lead Structural Engineer	26 years	Florida, PE		
Peter Andersen, PE AACE	Principal Engineer	14 years	Florida, PE		Geotechnical Services on numerous local sidewalks and bridges including 10-Mile Creek Bridge and the Tesoro A-2 Pond Bridge

9. List the experience of the staff assigned to this project with the design of sidewalks on a residential corridor with swale drainage.

Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
<p>Richard Creech, PE, PSM</p>	<p>Creech Engineers, Inc.</p>	<p>Wright Boulevard - Road widening, sidewalk modifications, turn lanes and intersection improvements for City of Stuart LAP project</p>	<p>City of Stuart 772-288-5308</p>
		<p>East Stuart - Right-of way improvements including sidewalks for Martin Luther King Boulevard</p>	<p>Martin County 772-288-5927</p>
		<p>Salerno Road - Design of right-of-way improvements for approximately 13,500 ft., including new and relocated sidewalk, road widening and bike lanes</p>	<p>Martin County 772-288-5927</p>
		<p>West Jensen Sidewalks - Multiple development projects within West Jensen PUD including approximately 10,000 ft. of sidewalk on US #1 and 4,500 ft. of sidewalk on NE Jensen Beach Boulevard. and 6,900 feet of sidewalk on NE Golden Rod Road</p>	<p>Dacar Management 954-927-4885</p>
		<p>Green River Parkway North - Approximately 1.25 miles of multi-modal path, drainage, and roadway design and construction</p>	<p>Martin County 772-288-5927</p>
<p>Lowe's Palm Bay, FL - Existing right-of-way improvements including approximately 1,000 ft. of sidewalk on San Filippo Drive and 1,200 ft. of sidewalk on Community College Parkway</p>	<p>Lowe's Home Centers 336-658-2862</p>		

<p>Jeffrey Norris, PE</p>	<p>Creech Engineers, Inc.</p>	<p>Wright Boulevard - Road widening, sidewalk modifications, turn lanes and intersection improvements for City of Stuart LAP project</p> <p>Salerno Road - Design of right-of-way improvements for approximately 13,500 ft., including new and relocated sidewalk, road widening and bike lanes</p> <p>West Jensen Sidewalks - Multiple development projects within West Jensen PUD including approximately 10,000 ft. of sidewalk on US #1 and 4,500 ft. of sidewalk on NE Jensen Beach Boulevard and 6,900 feet of sidewalk on NE Golden Rod Road</p> <p>Green River Parkway North - Approximately 1.25 miles of multi-modal path, drainage, and roadway design and construction</p> <p>Lowe's Palm Bay, FL - Existing right-of-way improvements including approximately 1,000 ft. of sidewalk on San Filippo Drive and 1,200 ft. of sidewalk on Community College Parkway</p>	<p>City of Stuart 772-288-5308</p> <p>Martin County 772-288-5927</p> <p>Dacar Management 954-927-4885</p> <p>Martin County 772-288-5927</p> <p>Lowe's Home Centers 336-658-2862</p>
<p>Howard Ehram, PE</p>	<p>Creech Engineers, Inc.</p>	<p>Tradition, Florida Central Park sidewalks Gazebo and sidewalks Con-Span Bridges Interactive Water Feature Village Center at Tradition Shoppes of Tradition (Publix) The Landing at Tradition</p>	<p>Fishkind & Associates. 772-340-3500</p>

<p>Jerry Compton</p>	<p>Creech Engineers, Inc.</p>	<p>Wright Boulevard - Road widening, sidewalk modifications, turn lanes and intersection improvements for City of Stuart LAP project</p>	<p>City of Stuart 772-288-5308</p>
		<p>East Stuart - Right-of way improvements including sidewalks for Martin Luther King Boulevard</p>	<p>Martin County 772-288-5927</p>
		<p>Salerno Road - Design of right-of-way improvements for approximately 13,500 ft., including new and relocated sidewalk, road widening and bike lanes</p>	<p>Martin County 772-288-5927</p>
		<p>West Jensen Sidewalks - Multiple development projects within West Jensen PUD including approximately 10,000 ft. of sidewalk on US #1 and 4,500 ft. of sidewalk on NE Jensen Beach Boulevard and 6,900 feet of sidewalk on NE Golden Rod Road</p>	<p>Dacar Management 954-927-4885</p>
		<p>Green River Parkway North - Approximately 1.25 miles of multi-modal path, drainage, and roadway design and construction</p>	<p>Martin County 772-288-5927</p>
		<p>Lowe's Palm Bay, FL - Existing right-of-way improvements including approximately 1,000 ft. of sidewalk on San Filippo Drive and 1,200 ft. of sidewalk on Community College Parkway</p>	<p>Lowe's Home Centers 336-658-2862</p>

Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
<p>Dominic Novello, III, PE</p>	<p>Atkins N America, Inc.</p>	<p>Atlantic Boulevard Sidewalk installation – provided missing sidewalk along Atlantic Boulevard in Pompano Beach</p> <p>Dixie Highway Pedestrian walkway over the Hillsboro Canal – this installation is part of a larger roadway project that includes sidewalk installation with swale drainage</p>	<p>Ms. Vanita Saini, PE FDOT Project Manager 954 777-4468</p> <p>Ms. Nadir Rodrigues, PE FDOT Project Manager 954 777-4385</p>
<p>Raul Andujar, PE</p>	<p>Atkins N America, Inc.</p>	<p>Atlantic Boulevard Sidewalk installation – provided missing sidewalk along Atlantic Boulevard in Pompano Beach</p> <p>Dixie Highway Pedestrian walkway over the Hillsboro Canal – this installation is part of a larger roadway project that includes sidewalk installation with swale drainage</p> <p>Reviewed multiple plan sets for sidewalk construction within residential communities while acting on behalf of FDOT while working in the LAP office</p>	<p>Ms. Vanita Saini, PE FDOT Project Manager 954 777-4468</p> <p>Ms. Nadir Rodrigues, PE FDOT Project Manager 954 777-4385</p> <p>Ms. Ellen Daniel FDOT LAP Coordinator 954 777-4480</p>

<p>Ricardo Castro, PE</p>	<p>Atkins N America, Inc.</p>	<p>Coconut Creek Educational Corridor – provided missing sidewalk section along Coconut Creek Parkway, specifically within the residential section of the corridor.</p> <p>Reviewed numerous “Safe Routes to Schools” applications and plans for compliance with FDOT requirements</p> <p>Reviewed over 25 plan sets for sidewalk construction within residential communities while acting on behalf of FDOT while working in the LAP office</p>	<p>Ms. Liz Aguiar City Project Manager 954 973-6756</p> <p>Ms. Ellen Daniel FDOT LAP Coordinator 954 777-4480</p> <p>Ms. Ellen Daniel FDOT LAP Coordinator 954 777-4480</p>
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10. List the experience of the staff assigned to this project with FDOT LAP Projects.

Staff Name	Role	Project Name & Description	Project Owner and Telephone Number
<p>Richard Creech, PE, PSM Creech Engineers, Inc.</p>	<p>Principal-in Charge</p>	<p>Wright Boulevard City of Stuart LAP project including road widening, sidewalk modifications, turn lanes, and intersection improvements</p>	<p>City of Stuart (772) 288-5308</p>
<p>Jeffrey Norris, PE Creech Engineers, Inc.</p>	<p>Chief Engineer</p>	<p>Wright Boulevard City of Stuart LAP project including road widening, sidewalk modifications, turn lanes, and intersection improvements</p>	<p>City of Stuart (772) 288-5308</p>
<p>Jerry Compton Creech Engineers, Inc.</p>	<p>Project Manager</p>	<p>Wright Boulevard City of Stuart LAP project including road widening, sidewalk modifications, turn lanes, and intersection improvements</p>	<p>City of Stuart (772)288-5308</p>

Staff Name	Role	Project Name & Description	Project Owner and Telephone Number
Ricardo Castro, PE Atkins N America, Inc.	LAP Coordinator	FDOT LAP Support – Provided in-house review and support services for all LAP projects; Acted as the District’s Project Manager for LAP projects throughout the Treasure Coast area.	Ms. Ellen Daniel FDOT - LAP Coordinator (954) 777-4480
Raul Andujar, PE Atkins N America, Inc.	Sr. Engineer	FDOT LAP Support - Provided in-house review and support services for LAP project application reviews.	Ms. Ellen Daniel FDOT - LAP Coordinator (954) 777-4480
Staff Name	Role	Project Name & Description	Project Owner and Telephone Number
David Andre, PE AACE	Geotechnical/Project Manager	CPSL/LAP Sidewalk Project – Morningside Boulevard, Floresta Drive, and Westmoreland Boulevard	CPSL Engineering Dept Jennifer Gent, PE (772) 871-734
David Andre, PE AACE	Geotechnical/Project Manager	CPSL/CAPTEC – Hillmoor Drive Pedestrian Bridge at East Lake Village	CPSL Engineering Department Kim Graham, PE (772) 344-4014
David Andre, PE AACE	Geotechnical/Project Manager	CPSL – Floresta Drive Pedestrian Bridge	CPSL Engineering Dept Kim Graham, PE (772) 344-4014
Peter Andersen, PE AACE	Geotechnical/ Sr. Project Manager	CPSL/LAP Sidewalk and ADA Ramp Geotechnical and Testing, Airoso and Lakehurst, Morningside and Post Office, CPSL City Hall	CPSL Engineering Dept Jesse Quirion (772) 344-4014
Peter Andersen, PE AACE	Geotechnical/ Sr. Project Manager	Tesoro A-2 Pond Bridge Geotechnical Engineering	The Ginn Company Rich Campbell (772) 370-7695

11. Identify and discuss the challenges and issues associated with the design of the Melaleuca Boulevard Sidewalk. Include discussions about the design, innovative ideas, public notification, meeting the deadlines, complying with the FDOT LAP requirements, and meeting the City’s design budget.

A. Design

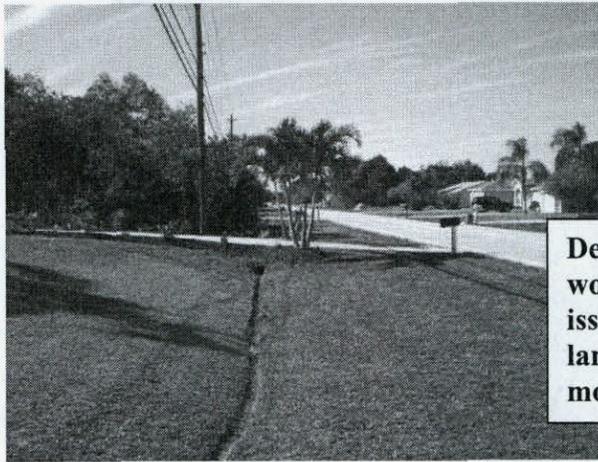
Although the project is fairly straight forward with minimal challenges, it will be important to thoroughly address every aspect to the fullest extent to maximize the efficiency and constructability of the design and minimize construction issues and change orders.

a. There are 2 main design approaches, each with their pros and cons. The 2 main options include:

i. Install the sidewalk outside the 10’ clear zone without a new curb. Challenges associated with this option are:

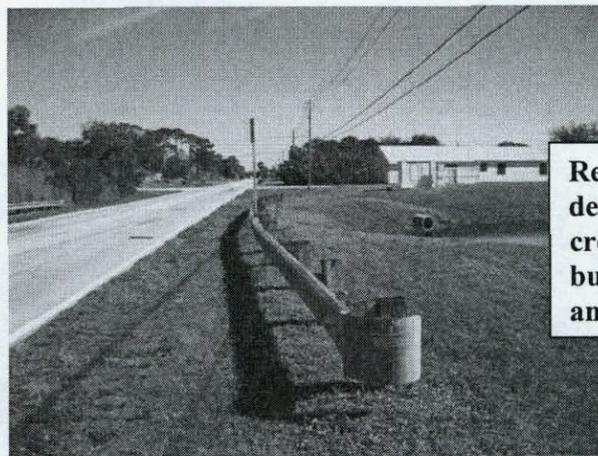
1. Some areas will be a challenge to maintain proper recovery area on swale side of sidewalk.

2. Steep slope at some sections might create a need for additional pipes.
 3. Steep slope between driveways might create need to add pipe to connect to driveway culverts.
 4. Repaving the driveways for 2% cross slope will be more intrusive or problematic.
 5. A benefit to this option is that most of the work is away from road, minimizing Maintenance of Traffic (MOT) expense and traffic issues.
- ii. Add a Type D curb and construct the sidewalk closer to the edge of the street, similar to Tiffany Avenue.
1. This solves some of the problems associated with the previous option but it comes with the added expense of the curb.
 2. There will be added MOT expenses.
 3. It may restrict future plans for roadway expansion.
 4. Traffic can be heavy at certain times. Curb installation will need to be scheduled for off peak traffic hours.



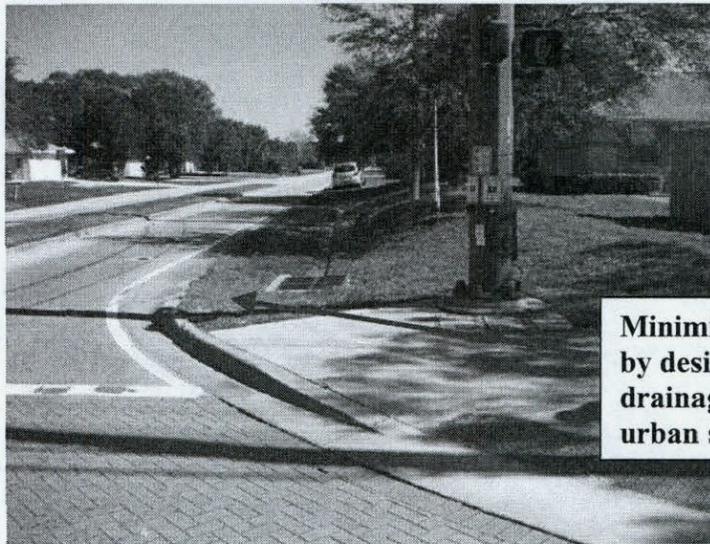
Design option with D curb would help prevent or minimize issues with the swale, grading, landscaping, driveways, monuments, etc.

- b. There are a few options at the canal crossings. Estimates for different scenarios should be developed to aid in selection of design options.



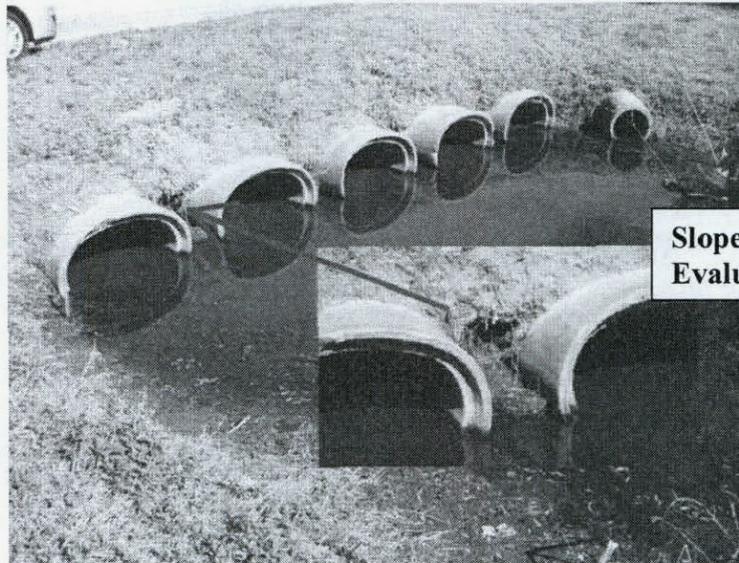
Review restrictions and develop options. Treat each crossing uniquely. Obtain budgets and evaluate pros and cons.

- c. Provide urban sidewalk section for first block east of Lennard Road with CIP (cast-in-place) modification to existing inlet.



Minimize disturbance and cost by designing custom, CIP drainage inlet and new curb in urban style setting.

- d. Evaluate whether to add headwall, fabriform, geotextile, etc. at first canal to stabilized erosion between pipes.



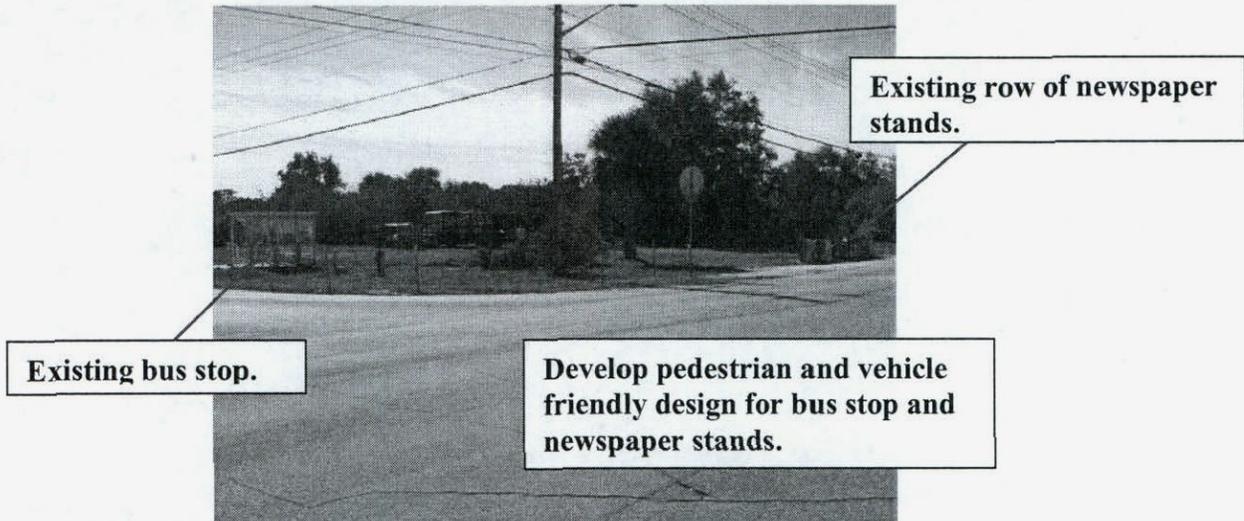
Slope should be stabilized. Evaluate best option.

- e. Resolve standing water in swale areas between Gaslight Street and Bowie Street that can create mosquito breeding grounds.

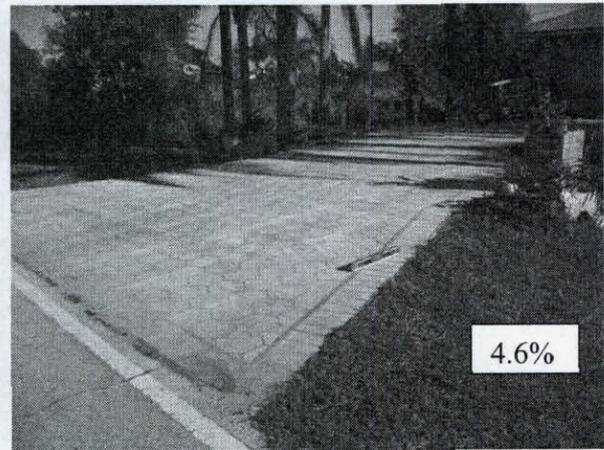
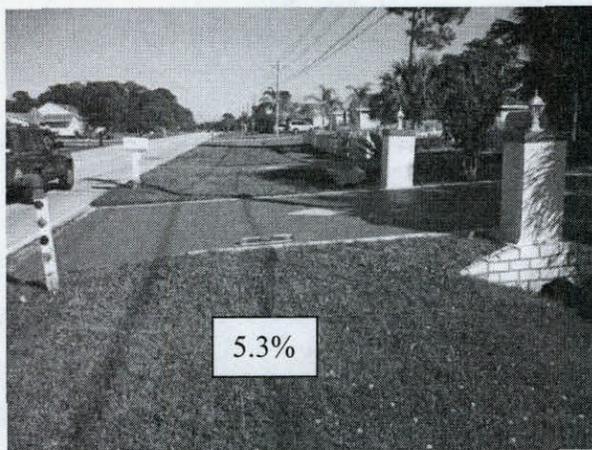


Standing water, little to no movement.

- f. Connect to bus stop on Berkshire Boulevard; provide paved section at newspaper stands.



- g. Each road crossing to be in accordance with ADA requirements with transition to be closer to street and modifications to stop signs and stop bars. Evaluate existing site to avoid unnecessary expenses and changes during construction. Verify grade information and existing benchmarks to avoid issues and delays during construction. Check each driveway to define the extent of modifications on plans. Verify that existing pipe conditions are acceptable.
- h. Most or all areas where drop offs at edge of walk may occur can be eliminated by modifying the layout and/or modifying surrounding grades.
- i. ADA compliance has zero tolerance. Project is to be designed to strictly meet ADA requirements. Address issues with fire hydrants, valve boxes, driveways, swale grades, etc to avoid field conflicts and problems. Cross slope and shoulder drop off will be a challenge to minimize driveway modifications and avoid excess expense on pipe and handrails; Custom driveways may be problematic or have extra expense.



- j. Review needs for city and school bus stops and integrate accordingly.
- k. Review traffic patterns to specify working times for contractor. Certain road and curb work may require construction on the weekend or off peak traffic hours.

- l. Review/coordinate with any future roadway and/or utility improvement plans.
- m. Coordinate closely with private property owners regarding improvement items, lawn ornaments, custom improvements, etc. to avoid grievances and change orders.

B. Innovative Ideas

- a. Provide opportunities for contractor for possible additional work from property owners for added beautification and to provide incentives for competitive bidding.
- b. Provide pricing and program for home owners to pay contractor directly for improvements and driveway repairs beyond base scope.
- c. Provide ideas and incentives for homeowners to replace mailboxes, fix driveways, make improvements, etc. to help beautify the area.

C. Public Notification

- a. Develop community outreach and awareness to get homeowners excited about the improvements and to minimize complaints.
- b. Go door to door with flyers or utilize USPS Every Door Direct Mail (EDDM), a simple, low-cost service that allows local businesses to market to every address in their neighborhood.
- c. Hold town hall meeting.
- d. Provide website with schedule of when work will be at their property and to provide a location to post questions and concerns.
- e. Create hotline for any emergency or concerns.

D. Meeting the Deadlines:

- a. Depending on the schedule requirements, multiple phases/sections can be designed and constructed concurrently to decrease the overall project duration. The more flexible the schedule, the more economical it can be.
- b. We have the staff and resources to meet any project goals and requirements. We will tailor our staff and our schedule to meet any project requirements and provide quality professional services as economically as possible.

E. FDOT LAP:

Our staff and resources have extensive experience with FDOT LAP. By utilizing the support services of Atkins North America, Inc. we can provide individual staff members from our Team that have worked in the FDOT LAP office providing review and project management services for many LAP projects.

In Atkins years of support services provided to FDOT's LAP office, we have encountered many types of challenges on similar projects. We understand exactly what the specific requirements are related to the project schedule, funding stipulations and other critical elements. We will work closely with the City to assure that this project successfully overcomes all of the challenges this project encounters. We will work diligently to proactively resolve any issues that develop.

Ricardo Castro, PE and Raul Andujar, PE have been a part of the FDOT LAP Enhancement Cycle, reviewing LAP Application Packages from different municipalities throughout south Florida. These LAP applications include various project types, and our team members have been extensively involved in the applications involving sidewalk construction within residential communities. Our team is well versed in the LAP application process and is knowledgeable of the criteria that an Application Package must meet to be considered eligible.

Over the past year, the Atkins team has been involved with the following projects:

- 12 LAP projects in Broward County, 8 of which include proposed sidewalk
- 8 LAP projects in Palm Beach County, 5 of which include proposed sidewalk
- 1 LAP project in Martin County which includes proposed sidewalk
- 3 LAP projects in St. Lucie County, 2 of which include proposed sidewalk and 1 a pedestrian bridge
- 1 LAP project in Indian River County which includes a 8' multi-use bike/pedestrian trail

Atkins has worked with the City of Port St. Lucie on several occasions in the past, including the project application for Melaleuca Boulevard Sidewalk Improvements. We are familiar with the City's projects and staff, and we will work with the City to assure all required components for each phase deliverable will be satisfactory to FDOT.

F. City's Design Budget:

- a. Our qualifications meet and exceed all professional requirements of this project. We pride ourselves by putting the right staff in the right position for ultimate success of the project. Success is completing the project sooner than expected for less than expected while exceeding expectations on quality.
- b. We will be able to accurately forecast the design costs and provide a maximum cost to meet the City's budget requirements.
- c. We will not only manage the design budget but also manage the construction budget during the design phase. It is critical during the design phase to make sure that the overall budget and goals for the project are met. There are occasions where there will be a few different design options, especially on how to handle some of the challenges. We will utilize our knowledge and experience along with contractor relationships to budget various scenarios and review cost and feasibility throughout the design process. Extensive field investigation and contractor involvement will allow us to provide the most efficient design with minimal to no changes throughout the course of construction.

12. Please provide a draft scope of work describing the services required to complete the design and permitting of the project.

The following listing is a projected general Scope of Services for this project. Additional services and modifications to this Scope, if necessary, can be included as part of the design contract.

**Design & Permitting of
Melaleuca Boulevard Sidewalk
Lennard Road to Green River Parkway
Scope of Services**

Task 01 - Preliminary Project Coordination:

- a. City of Port St. Lucie Engineering Department
Meet PSL Engineering to coordinate project design criteria and obtain information on existing facilities
- b. Florida Department of Transportation (FDOT) – Local Agency Program (LAP)
Meet with FDOT to verify LAP procedures and processing

- c. **South Florida Water Management District (SFWMD)**
Meet with SFWMD to determine permitting requirements (if applicable) to project.
(At this time it is believed that SFWMD permitting will not be required.)
- d. **Utilities Coordination:**
Meet with the following Utilities to obtain information on existing facilities within the project limits and coordinate procedures for design and approval of utilities modifications and/or re-locations, if required:
 - Port St. Lucie Utilities - Water and Wastewater
 - Florida Power & Light - Power
 - Xfinity (Comcast) – Cable TV
 - Bell South – Telephone
- e. **Public Meeting:**
Coordinate notifications and conduct a Public Information Meeting with the residents and stakeholders.

Task 02 - Topographic Survey and Right-of-Way Information:

Prepare Topographic Survey showing existing improvements within project area. Location information to be obtained from the roadway centerline to the south Right-of-Way line of Melaleuca Boulevard and in selected areas as determined in the field. All elevations to be based on NAVD 88 with benchmarks established at maximum 1000 feet intervals. Right-of-Way to be based on available Right-of-Way information referenced to Florida State Plane Coordinates. Topographic Survey to include Construction Baseline information.

Task 03 - Geotechnical Investigation:

Coordinate with the Geotechnical Consultant to identify potential soil and groundwater issues. Geotechnical Consultant to conduct geotechnical testing and reporting as required by Port St Lucie and FDOT.

Task 04 - Preliminary Construction Plans:

Prepare Preliminary Construction Plans for initial review by the City of Port St. Lucie. Construction Plans to include horizontal location of proposed sidewalk improvements and typical cross sections in accordance with Port St. Lucie and FDOT Standards. Meet with the City of Port St. Lucie and coordinate changes or modifications to Preliminary Plans as needed.

Task 05 - Final Construction Plans:

- Prepare Final Construction Plans consisting of the following items:
- a. Construction Site Plans and Profiles (Phase I, Phase II and Phase III)
 - b. Construction Details
 - c. Cross-Sections (at max. 200 ft. intervals)
 - d. Construction Notes
 - e. Summary of Quantities
 - f. Maintenance of Traffic
 - g. Erosion and Sedimentation Control

Note: A Separate set of Construction Plans to be prepared for each of the three phases of construction:

- Phase I – Camden Street to Berkshire Boulevard
- Phase II – Berkshire Boulevard to Green River Parkway
- Phase III – Lennard Road to Camden Street

Task 06 - Final Construction Documents:

Prepare the following Construction Documents:

- a. Opinion of Probable Construction Cost
- b. Stormwater Pollution Prevention Plan (SWPPP)

Task 07 - Permitting and Approvals:

Prepare permitting and approval applications, supporting information and related submittal requirements for review and approval by the following:

- a. City of Port St. Lucie Engineering Department
- b. City of Port St. Lucie Utilities Department
- c. FDOT (LAP)
- d. SFWMD (if required)
- e. Florida Department of Environmental Protection (NPDES)
Generic Permit for Stormwater Discharge from Large and Small
Construction Activities

Provide responses to Requests for Additional Information (RFI) as required

Task 08 - Post-Design Services:

Provide the following Post-Design Services:

- a. Prepare Construction Specifications package for bid purposes
- b. Attend a pre-bid meeting
- c. Provide response to design questions during the bid process
- d. Attend a pre-construction meeting
- e. Attend regularly scheduled construction progress meetings as required
- f. Attend specific field meetings if required to resolved design related issues

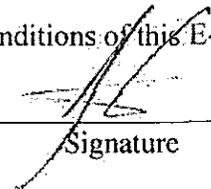
ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued

CERTIFICATION:

This E-Bid is submitted by: Name (print) **Jerry Compton** who is an officer of the above firm duly authorized to sign proposals and enter into contracts. I certify that this E-Bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards. I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20100050.

I agree to abide by all conditions of this E-Bid.:



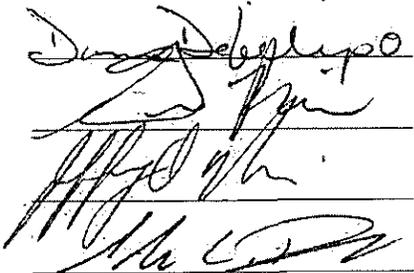
Signature

Vice President

Title

If a corporation renders this E-Bid, the corporate seal attested by the secretary shall be affixed below. Any agent signing this E-Bid shall attach to this form evidence of legal authority.

Witnesses:



If Partnership:

Print Name of Firm

By: _____
(General Partner)

If Corporation:

Creech Engineers, Inc.

Print Name of Corporation

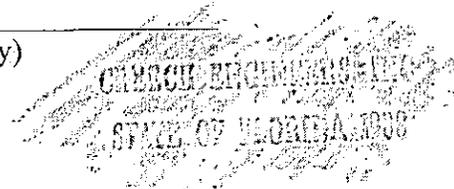
If Individual:

Signature

Print Name


By: _____
(President)


Attest: _____
(Secretary)





CULPEPPER & TERPENING, INC
CONSULTING ENGINEERS | LAND SURVEYORS

Project 12-001

January 10, 2012

Sender's Email: terpening@ct-cng.com

VIA: E Bid

Ms. Cheryl Shanaberger, Deputy Director
City of Port Saint Lucie
121 SW Port Saint Lucie Blvd.
Port Saint Lucie, Florida 34984

RE: Design and Permitting of Melaleuca Boulevard Sidewalk from Lennard Rd to Green River Pkwy
City of Port Saint Lucie Contract # 20120027

Dear Ms. Shanaberger,

On behalf of the firm of *Culpepper & Terpening, Inc.*, and our 37 employees, we are pleased to present our sealed electronic submittal of the completed Questionnaire for Design and Permitting of Melaleuca Boulevard Sidewalk from Lennard Rd to Green River Pkwy. *Culpepper & Terpening, Inc.* has developed a proven Project approach which has resulted in over 481,000 feet (92 miles) of public improvements projects constructed within City, County and State rights of ways which were completed on time and within budget.

As members of the community, we fully understand the challenges on this project, including: resident satisfaction, quality assurance, environmental preservation, flooding concerns, safety, aesthetics, and schedule & budget concerns. As presented in our submittal, *Culpepper & Terpening, Inc.* and our team consisting of *Ardaman & Associates, Inc.* and *EW Consultants, Inc.* are best qualified to deliver this project successfully for the following reasons:

- Understanding of the Project Scope, Schedule and Budget;
- FDOT LAP experience and approval procedures;
- Significant firm and staff experience on this exact type of work;
- Familiarity with the FDOT Staff and City Staff procedures;
- A thorough understanding of the Project scope based on historical review and site inspections; and
- A genuine desire to make a difference in our community.

Thank you for the opportunity to submit on this project. We look forward to the opportunity to partner with the City on this important project. As always, should you have any questions, please feel free to contact me at (772) 464-3537.

Sincerely,

CULPEPPER & TERPENING, INC.

Nate Willbur, P.E.
Project Manager

James P. "Butch" Terpening, Jr., P.E.
President

A LEGACY OF EXPERTISE AND EXCELLENCE

2060 SOUTH 25TH STREET | FT. PIERCE, FL 34984 | (772) 464-3537 | FAX: (772) 464-9497



QUESTIONNAIRE
E-Bid #20120027

**Design and Permitting of
Melaleuca Boulevard Sidewalk
Lennard Road to Green River Parkway**

It is understood and agreed that the following information is to be used by the City of Port St. Lucie to determine the qualifications of personnel and firm as presented in this document. The Proposer waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Proposer or the personnel of the Proposer.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Consultant, Surety, bank material or equipment manufacturer or distributor, or any person, firm or corporation to furnish the City of Port St. Lucie any Pertinent information requested by the City deemed necessary to vary the information on this questionnaire.

Dated this 10 day of January, 2012

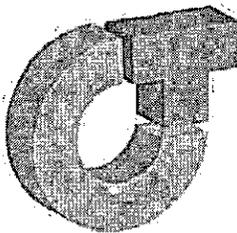
Culpepper & Terpening, Inc.
Name of Organization / Proposer

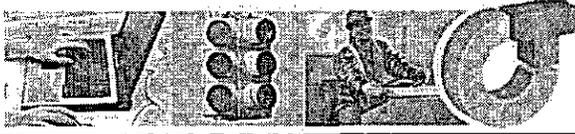
(This is a word document please add space as needed.)

1. Firm's office address, telephone, fax number, e-mail address and contact person for this project

Culpepper & Terpening, Inc
2980 S. 25th Street
Ft. Pierce, FL 34981
Phone: (772) 464-3537; Fax: (772) 464-9497
Email: bterpening@ct-eng.com
Contact: James P. "Butch" Terpening, P.E.

The Project team will include: **Culpepper & Terpening (C&T), Ardaman & Associates, Inc., and EW Consultants, Inc.**





2. Where is your assigned staff's office located for this project and what is your response time to the site for resolution of design issues identified during construction?

Location 2980 S. 25th Street, Fort Pierce, Florida Response time in hours ¼ hour

During off hour emergencies, our proposed project team members can be onsite from their home in 15 minutes, 7 days per week. All team members reside in Port St. Lucie, St. Lucie County or northern Martin County.

3. Does your firm accept payment by Credit Card (yes or no)?

YES

4. List FDOT prequalification(s), applicable to this project, held by the firm?

Work Group	Code	Type
Group 3 Highway Design - Roadway	3.1	Minor Highway Design
Group 7 Traffic Operations Design	7.1	Signing, Pavement Marking and Channelization
Group 7 Traffic Operations Design	7.3	Signalization
Group 8 Survey & Mapping	8.1	Control Surveying
Group 8 Survey & Mapping	8.2	Design, R/W & Construction Surveying
Group 8 Survey & Mapping	8.4	Right of Way Mapping
Group 9 Soil Exploration, Material Testing and Foundations	9.1	Soil Exploration
Group 9 Soil Exploration, Material Testing and Foundations	9.2	Geotechnical Classification Lab Testing
Group 9 Soil Exploration, Material Testing and Foundations	9.3	Highway Materials Testing
Group 9 Soil Exploration, Material Testing and Foundations	9.4.1	Standard Foundation Studies
Group 9 Soil Exploration, Material Testing and Foundations	9.4.2	Non-Redundant Drilled Shaft Bridge Foundation Studies
Group 9 Soil Exploration, Material Testing and Foundations	9.5	Geotechnical Specialty Lab Testing

Staff Name	Role	Pre-qualifications
Butch Terpening, P.E.	Principal Engineer	3.1
Nate Willbur, P.E.	Project Manager & Engineer	N/A
Stefan Matthes, P.E.	Project Asst. Manager	3.1, 7.1, 7.3
Dan Zrallack, P.E.	Geotech Engineer	9.1, 9.2, 9.3, 9.4.1, 9.4.2, and 9.5
Mike Kolodziejczyk, PSL	Project Surveyor	8.1, 8.2, 8.4
Marcelo Dimitriou, P.E.	Project QC Manager	10.1



5. List subconsultants, if applicable, proposed for this project.

Firm Name	Type of Work	Years Experience	Office Location	FDOT Pre-qualifications
Ardaman & Associates, Inc.	Geotechnical	52	Port St. Lucie	9.1 Soil Exploration
Ardaman & Associates, Inc.	Geotechnical	52	Port St. Lucie	9.2 Geotechnical Classification Lab Testing
Ardaman & Associates, Inc.	Geotechnical	52	Port St. Lucie	9.3 Highway Materials Testing
Ardaman & Associates, Inc.	Geotechnical	52	Port St. Lucie	9.4.1 Standard Foundation Studies
Ardaman & Associates, Inc.	Geotechnical	52	Port St. Lucie	9.4.2 Non-Redundant Drilled Shaft Bridge Foundation Studies
Ardaman & Associates, Inc.	Geotechnical	52	Port St. Lucie	9.5 Geotechnical Specialty Lab Testing
E.W. Consultants, Inc.	Environmental	20	Stuart	n/a Natural Resource and Environmental Consulting, AICP

6. List the design projects awarded by the City to your firm in past 12 months and your firm amount.

Project	Date of Award	Responsibility	Is Work Completed?	Amount of Contract
Marion Sidewalk Design	8/8/2011	Prime	Yes	\$67,450.50
Midway & Selvitz	9/26/2011	Prime	No	94,750.00
Total Amount				\$162,200.50

7. List past five (5) years of litigation history.

Culpepper & Terpening like most other companies over the past several years have been named in law suits. We have been named in the following lawsuits:
Culpepper & Terpening, Inc. was brought in as a third party to a law suit between Midway Properties and Midway Partners. The claim was dismissed in 2010.

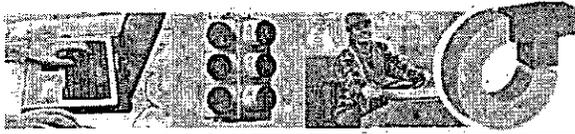


8. List applicable credentials of the staff assigned to this project.

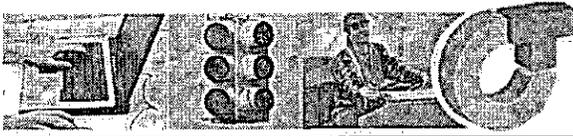
Our proposed Project team is:

- Butch Terpening, P.E., Principal Engineer, Culpepper & Terpening, Inc.
- Nate Willbur, P.E. Project Manager & Engineer, Culpepper & Terpening, Inc.
- Stefan Matthes, P.E., Project Asst. Manager, Culpepper & Terpening, Inc.
- Dan Zrallack, P.E., Project Geotechnical Engineer, Ardaman & Associates, Inc.
- Will Cornelius II, P.E., Project Geotechnical Engineer, Ardaman & Associates, Inc.
- Ed Weinberg, Principal Environmentalist, E.W. Consultants, Inc.
- Paul Ezzo, Project Environmentalist, E.W. Consultants, Inc.
- Chris Roelandts, Scientist, E.W. Consultants, Inc.
- Marcelo Dimitriou, P.E., QC Manager, Culpepper & Terpening, Inc.
- Mike Kolodziejczyk, PLS, Project Surveyor, Culpepper & Terpening, Inc.

Staff Name	Title	Years Exp	Licenses	Certifications	Other
Butch Terpening, P.E.	President	37	FL Prof. Eng. License No. 24276	Green Street Design, 2010.	FDOT LAP Workshop, 2011
Stefan Matthes, P.E.	Vice President	30	FL Prof. Eng. License No. 38723	FDOT Advanced Work Zone Traffic Control Certification, 2009; FDOT Certification of Completion EEO, DBE and payroll Compliance of local Area Projects Including USDOT, OIG Video: "Fraud Awareness: False Statements and Claims," 2010; FDOT ADA for Roadway Design Course, 2009.	
Nate Willbur, P.E.	Project Engineer	5	FL Prof. Eng. License No. 72236	FDOT Spec Writing, 2011; FDOT Intermediate Work Zone Traffic Control Certification, 2008, FDOT ADA for Roadway Design Course, 2009.	FDOT LAP Workshop, 2011
Marcelo Dimitriou, P.E.	QC Manager	21	FL Prof. Eng. License No. 59005	FDOT Advanced Work Zone Traffic Control Certification, 2010; FDOT Certification of Completion EEO, DBE and payroll Compliance of local Area Projects Including USDOT, OIG Video: "Fraud	FDOT LAP Workshop, 2011;



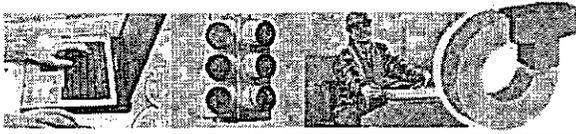
				and Claims," 2010; FDOT ADA for Roadway Design Course, 2009; Quality Control Manager Certificate of Completion, 2008.	
Mike Kolodziejczyk, PSL	Survey Division Manager	41	FL Prof. Land Surveyor License. No. 3864	Minimum Technical Standards Certificate of Completion, 2010; Plat Law Certificate of Completion, 2011; ALTA/ACSM Land Title Survey Standards Certificate of Completion, 2011.	
Dan Zrallack, P.E.	Branch Manager, Senior Geotechnical Engineer	14.5	FL Prof. Eng. License No. 63911	FDOT Pre-qualifications 9.1, 9.2, 9.3, 9.4.1, 9.4.2, and 9.5.	Substantial geotechnical experience in vicinity of project, including roadway repair at Savona/C-24 bridge approach slabs.
Will B. Cornelius II, P.E.	Project Geotechnical Engineer	7.5	FL Prof. Eng. License No. 63911	FDOT Pile Driving Inspector, FDOT Pre-qualifications 9.1, 9.2, 9.3, 9.4.1, 9.4.2, and 9.5.	Substantial geotechnical experience in vicinity of project, including roadway repair at Savona/C-24 bridge approach slabs.
Ed Weinberg	President, EW Consultants, Inc.	22	Natural Resources	Professional Wetland Scientist	Substantial jurisdictional determination experience, in Public right of ways.
Paul Ezzo	Project Planner, EW Consultants, Inc.	20	ACIP	American Institute of Certified Planners	Substantial ACOE and SFWMD permitting experience, in City and State right of ways.
Chris Roelandts	Scientist	15	Biologist	Gopher Tortoise Agent, State of FL	Substantial protected species experience, in Public right of ways.



9. List the experience of the staff assigned to this project with the design of sidewalks on a residential corridor with swale drainage.

Culpepper & Terpening, Inc., has designed over 200 miles of sidewalks within the Treasure Coast and has design & construction experience within the City's Rights of Ways of over 600 miles of improvements. Our experience insures that the City will not pay a consultant for the "learning curve" associated with the design constraints encountered in the City of Port St. Lucie's rights-of-ways. The team of *Culpepper & Terpening, Inc., Ardaman and Associates, and EW Consulting* are the "Best Positioned" firms to successfully complete the sidewalk design project because of our extensive local knowledge, a comprehensive understanding of the scope and vast experience with similar projects in the City and the Treasure Coast.

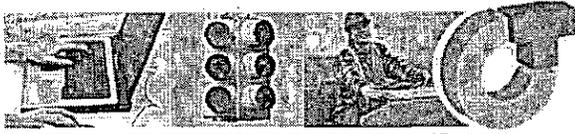
Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
Butch Terpening, P.E. Nate Willbur, P.E. Stefan Matthes, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS	C&T	<i>The following Projects were completed with the Culpepper & Terpening Staff assigned to this project:</i>	See below
Butch Terpening, P.E. Nate Willbur, P.E. Stefan Matthes, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS	C&T	<u>Marion Sidewalk</u> At the request of the City Culpepper & Terpening, Inc. is providing a "fast tract" design which required the completion of 80% by the end of October. The 80% plans submittal was completed in 8 weeks, 4 weeks ahead of the contract schedule. The Marion Sidewalk project was funded under the County's LAP and SRTS program. The design entailed the placement of sidewalks along 4,900 feet along Marion Avenue a rural residential roadway within the City. The design included swale and stormwater improvements, water & sewer utilities, overhead utilities, and driveways every 80 feet. The project connected Bayshore Boulevard to North Port Middle School and Port St. Lucie Elementary School.	City of Port St. Lucie Roxanne Chesser, P.E. 772-871-5186
Butch Terpening, P.E. Nate Wilber, P.E. Stefan Matthes, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS	C&T	<u>Weatherbee Rd Sidewalk Safety Project</u> Culpepper & Terpening, Inc. recently completed the Weatherbee Road Safety Project – Sidewalk Enhancement for St. Lucie County which was funded under the County's LAP and SRTS program. The design entailed the placement of sidewalks along 2.8 miles of rural residential roadways within a restrained corridor which included swale drainage, water & sewer utilities, overhead utilities, and driveways every 80 feet. The project connected both US Highway No. 1 and	St. Lucie County Patrick Dayan, P.E. 772-462-2153



		Midway Road to the Weatherbee Elementary School.	
<p>Butch Terpening, P.E. Nate Willbur, P.E. Stefan Matthes, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS</p>	C&T	<p><u>Oleander Boulevard & Sunrise Boulevard – Sidewalk & Bike Path</u> Culpepper & Terpening, Inc. recently completed the redesign of the Oleander Boulevard & Sunrise Boulevard – Sidewalk and Bike Path Improvements for the City of Ft. Pierce was funded under the County LAP Agreement for the City. The re-design entailed the placement of sidewalks and bike paths along 8 tenths of a mile of rural residential roadways with swale drainage, concrete driveways, underground and overhead utilities all within a constrained right-of-way. The project connected Virginia Avenue to the round-a-bout at the intersection of Oleander Boulevard and Sunrise Boulevard.</p>	<p>City of Ft. Pierce Tracy Telle 772-460-2200 x 142</p>
<p>Butch Terpening, P.E. Nate Willbur, P.E. Stefan Matthes, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS</p>	C&T	<p><u>CR707 Sidewalk & Landscaping</u> Culpepper & Terpening, Inc. recently submitted 100% plans for the CR 707 Sidewalk & Landscaping Improvements for the City of Stuart and is funded under the County’s LAP Agreement for the City. The design entailed the placement of a 6 foot sidewalk approximately 2,500 feet along a rural collector roadway. The Project included swale drainage, underground water & sewer utilities, overhead utilities, FEC Right-of Way crossing, driveway connections and intersection improvements. The project provides for the interconnection of two existing sidewalks, residential neighborhoods and active recreational fields.</p>	<p>City of Stuart Sam Amerson P.E. 772-288-5331</p>
<p>Butch Terpening, P.E. Stefan Matthes, P.E. Nate Willbur, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS</p>	C&T	<p><u>Palm City CRA Sidewalk & Landscaping</u> Culpepper & Terpening, Inc. is currently completing the 30% plans for the Palm City CRA Sidewalk & Landscaping Improvements for Martin County and is funded under the County’s LAP Agreement. The design entailed the placement of a 6 foot sidewalk approximately 3,400 feet along SW Butler Avenue and SW 35th Street; both rural roadways have swale drainage, underground water & sewer utilities, overhead utilities, and driveway connections. The project provides</p>	<p>Martin County Krysti Brotherton 772-288-5777</p>



		for the interconnection between residential communities to the new Indian Street Bridge.	
Butch Terpening, P.E. Nate Willbur, P.E. Stefan Matthes, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS	C&T	<u>Seabbranch East Coast Greenway – Pedestrian Pathway Phase 1</u> Culpepper & Terpening, Inc. recently completed Phase 1 of the Seabbranch East Coast Greenway Pedestrian Pathway the project was funded under the County’s LAP Agreement. The design entailed the placement of a 12 foot pathway along 4,400 feet of SR A-1-A adjacent to the entrance of the Seabbranch State Park. The work included swale drainage, water & sewer utilities, overhead utilities, and driveways. The project connected a residential neighborhood to the Seabbranch Preserve State Park.	Martin County Krysti Brotherton 772-288-5777
Butch Terpening, P.E. Nate Willbur, P.E. Stefan Matthes, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS	C&T	<u>Seabbranch East Coast Greenway – Pedestrian Pathway Phase 2</u> Culpepper & Terpening, Inc. are currently completing 100% plans for Phase 2 of the Seabbranch East Coast Greenway Pedestrian Pathway for Martin County. The project was funded under the County’s LAP Agreement. The design entailed the placement of a 6 foot to 12 foot pathway thru the Seabbranch State Preserve corridor and connects to Peck Lake Park along Gomez Avenue for a distance of 2.4 miles. The Project includes a pedestrian bridge over jurisdictional wetlands.	Martin County Krysti Brotherton 772-288-5777
Butch Terpening, P.E. Nate Willbur, P.E. Stefan Matthes, P.E. Marcelo Dimitriou, P.E. Mike Kolodziejczyk, PLS	C&T	<u>Jensen Beach Sidewalk & Landscaping</u> Culpepper & Terpening, Inc. has recently completed the 100% plans for the Jensen Beach Sidewalk & Landscaping Improvements for Martin County and is funded under the County’s LAP Agreement. The design entailed the placement of a 6 – 8 foot sidewalk approximately 2,900 feet along Savanna Preserve State Park. The design included transitional roadway section having swale drainage, underground water & sewer utilities, overhead utilities, and driveway connections. The project included pedestrian signalization improvements at Pinecrest Lakes Boulevard.	Martin County Krysti Brotherton 772-288-5777
Butch Terpening, P.E. Stefan Matthes, P.E.	C&T	<u>Tesoro Pedestrian Facilities</u> As part of the City’s Tesoro Special Assessment District (SAD) Culpepper & Terpening, Inc. design of 2,500 feet of pedestrian wetland crossing within the Tesoro Project and the extension of the Southbend Boulevard Sidewalk 2.4 miles along the	City of Port St. Lucie Roxanne Chesser, P.E. 772-871-5186

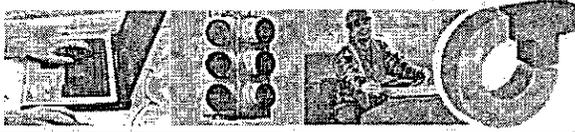


		Florida Turnpike. The design entailed the placement of a median 8 foot sidewalk including 2 major canal crossings and swale improvements, water & reuse water mains, overhead utilities.	
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Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
Dan Zrallack, P.E.	Ardaman & Associates, Inc.	Moore's Creek Pedestrian Bridge (2010)	City of Fort Pierce 772-460-2200
	Ardaman & Associates, Inc.	Old Dixie Highway Pedestrian Bridge (2010)	Indian River County Engineering 772-567-8000
	Ardaman & Associates, Inc.	Indian River State College Mueller Campus Bridge over Lateral A Canal (2006)	Indian River State College 772-462-7224
	Ardaman & Associates, Inc.	Savannah Road Sidewalks and Pedestrian Bridges (2006)	Martin County Engineering 772-288-5927

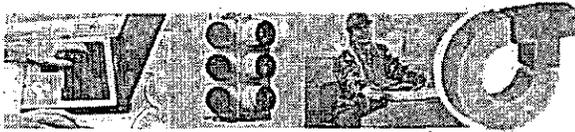
Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
Will Cornelius II, P.E.	Ardaman & Associates, Inc.	Moore's Creek Pedestrian Bridge (2010)	City of Fort Pierce 772-460-2200
	Ardaman & Associates, Inc.	Old Dixie Highway Pedestrian Bridge (2010)	Indian River County Engineering 772-567-8000
	Ardaman & Associates, Inc.	Indian River State College Mueller Campus Bridge over Lateral A Canal (2006)	Indian River State College 772-462-7224
	Ardaman & Associates, Inc.	Savannah Road Sidewalks and Pedestrian Bridges (2006)	Martin County Engineering 772-288-5927
	Ardaman & Associates, Inc.	Floresta Pedestrian Bridge (2004)	City of Port St. Lucie 772-871-5174

Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
Paul Ezzo	EW Consulting, Inc.	Becker Road East of Turnpike	St. Lucie Land 954-627-5015
	EW Consulting, Inc.	The Floridian Bridges and Pedestrian Paths	The Floridian 409-351-4658
	EW Consulting, Inc.	The Promenade	Riverwalk Developers 772-879-2765
	EW Consulting, Inc.	Tesoro Bridges and Pedestrian Paths	Ginn-LA St. Lucie Ltd., LLLP Brian Lacusky 772-345-4500

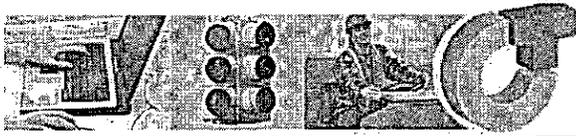


10. List the experience of the staff assigned to this project with FDOT LAP Projects.

Staff Name	Role	Project Name & Description	Project Owner and Telephone Number
Butch Terpening, P.E. Stefan Matthes, P.E. Nate Willbur, P.E. Marcelo Dimitriou, P.E Mike Kolodziejczyk, PLS	Principal Engineer Project Manager Project Engineer QC Manager Project Surveyor	<u>Marion Sidewalk</u> At the request of the City Culpepper & Terpening, Inc. is providing a "fast tract" design which required the completion of 80% by the end of October 2011. The 80% plans submittal was completed in 8 weeks, 4 weeks ahead of the contract schedule. The Marion Sidewalk project was funded under the County's LAP and SRTS program. The design entailed the placement of sidewalks along 4,900 feet along Marion Avenue a rural residential roadway within the City. The design included swale and stormwater improvements, water & sewer utilities, overhead utilities, and driveways every 80 feet. The project connected Bayshore Boulevard to North Port Middle School and Port St. Lucie Elementary School.	City of Port St. Lucie Roxanne Chesser, P.E. 772-871-5186
Butch Terpening, P.E. Stefan Matthes, P.E. Nate Wilber, P.E. Marcelo Dimitriou, P.E Mike Kolodziejczyk, PLS	Principal Engineer Project Manager Project Engineer QC Manager Project Surveyor	<u>Weatherbee Rd Sidewalk Safety Project</u> Culpepper & Terpening, Inc. completed the Weatherbee Road Safety Project – Sidewalk Enhancement for St. Lucie County which was funded under the County's LAP and SRTS program. The design entailed the placement of sidewalks along 2.8 miles of rural residential roadways within a restrained corridor which included swale drainage, water & sewer utilities, overhead utilities, and driveways every 80 feet. The project connected both US Highway No. 1 and Midway Road to the Weatherbee Elementary School.	St. Lucie County Patrick Dayan, P.E. 772-462-2153
Butch Terpening, P.E. Stefan Matthes, P.E. Nate Willbur, P.E. Marcelo Dimitriou, P.E Mike Kolodziejczyk, PLS	Principal Engineer Project Manager Project Engineer QC Manager Project Surveyor	<u>Oleander Boulevard & Sunrise Boulevard – Sidewalk & Bike Path</u> Culpepper & Terpening, Inc. recently completed the redesign of the Oleander Boulevard & Sunrise Boulevard – Sidewalk and Bike Path Improvements for the City of Ft. Pierce was funded under the County LAP Agreement for the City. The re-design entailed the placement of sidewalks and bike paths along 8 tenths of a mile of rural residential roadways with swale drainage,	City of Ft. Pierce Tracy Telle 772-460-2200 x 142



		concrete driveways, underground and overhead utilities all within a constrained right-of-way. The project connected Virginia Avenue to the round-a-bout at the intersection of Oleander Boulevard and Sunrise Boulevard.	
Butch Terpening, P.E. Stefan Matthes, P.E. Nate Willbur, P.E. Marcelo Dimitriou, P.E Mike Kolodziejczyk, PLS	Principal Engineer Project Manager Project Engineer QC Manager Project Surveyor	<u>CR707 Sidewalk & Landscaping</u> Culpepper & Terpening, Inc. recently submitted 100% plans for the CR 707 Sidewalk & Landscaping Improvements for the City of Stuart and is funded under the County's LAP Agreement for the City. The design entailed the placement of a 6 foot sidewalk approximately 2,500 feet along a rural collector roadway. The Project included swale drainage, underground water & sewer utilities, overhead utilities, FEC Right-of Way crossing, driveway connections and intersection improvements. The project provides for the interconnection of two existing sidewalks, residential neighborhoods and active recreational fields.	City of Stuart Sam Amerson P.E. 772-288-5331
Butch Terpening, P.E. Stefan Matthes, P.E. Nate Willbur, P.E. Marcelo Dimitriou, P.E Mike Kolodziejczyk, PLS	Principal Engineer Project Manager Project Engineer QC Manager Project Surveyor	<u>Palm City CRA Sidewalk & Landscaping</u> Culpepper & Terpening, Inc. is currently completing the 30% plans for the Palm City CRA Sidewalk & Landscaping Improvements for Martin County and is funded under the County's LAP Agreement. The design entailed the placement of a 6 foot sidewalk approximately 3,400 feet along SW Butler Avenue and SW 35 th Street; both rural roadways have swale drainage, underground water & sewer utilities, overhead utilities, and driveway connections. The project provides for the interconnection between residential communities to the new Indian Street Bridge.	Martin County Krysti Brotherton 772-288-5777
Butch Terpening, P.E. Stefan Matthes, P.E. Nate Willbur, P.E. Marcelo Dimitriou, P.E . Mike Kolodziejczyk, PLS	Principal Engineer Project Manager Project Engineer QC Manager Project Surveyor	<u>Seabranh East Coast Greenway – Pedestrian Pathway Phase 1</u> Culpepper & Terpening, Inc. recently completed Phase 1 of the Seabranh East Coast Greenway Pedestrian Pathway the project was funded under the County's LAP Agreement. The design entailed the placement of a 12 foot pathway along 4,400 feet of SR A-1-A adjacent to the entrance of the Seabranh State. The work included swale drainage, water & sewer utilities, overhead utilities, and driveways. The	Martin County Krysti Brotherton 772-288-5777



		project connected a residential neighborhood to the Seabranh.Preserve State Park.	
Butch Terpening, P.E. Stefan Matthes, P.E. Nate Willbur, P.E. Marcelo Dimitriou, P.E Mike Kolodziejczyk, PLS	Principal Engineer Project Manager Project Engineer QC Manager Project Surveyor	<u>Seabranh East Coast Greenway – Pedestrian Pathway Phase 2</u> Culpepper & Terpening, Inc. are currently completing 100% plans for Phase 2 of the Seabranh East Coast Greenway Pedestrian Pathway for Martin County. The project was funded under the County’s LAP Agreement. The design entailed the placement of a 6 foot to 12 foot pathway thru the Seabranh State Preserve corridor and connects to Peck Lake Park along Gomez Avenue for a distance of 2.4 miles. The Project includes a pedestrian bridge over jurisdictional wetlands.	Martin County Krysti Brotherton 772-288-5777
Butch Terpening, P.E. Stefan Matthes, P.E. Nate Willbur, P.E. Marcelo Dimitriou, P.E Mike Kolodziejczyk, PLS	Principal Engineer Project Manager Project Engineer QC Manager Project Surveyor	<u>Jensen Beach Sidewalk & Landscaping</u> Culpepper & Terpening, Inc. has recently completed the 100% plans for the Jensen Beach Sidewalk & Landscaping Improvements for Martin County and is funded under the County’s LAP Agreement. The design entailed the placement of a 6 – 8 foot sidewalk approximately 2,900 feet along Savanna Preserve State Park. The design included transitional roadway section having swale drainage, underground water & sewer utilities, overhead utilities, and driveway connections. The project included pedestrian signalization improvements at Pinecrest Lakes Boulevard.	Martin County Krysti Brotherton 772-288-5777
Stefan Matthes, P.E. Marcelo Dimitriou, P.E.	Const Engineer Const Manager	<u>ARRA 024B - 13th Street Improvements</u> Culpepper & Terpening served as the Project Principal for full CEI on an American Recovery and Reinvestment Act (ARRA) project for the re-construction of approximately ½ mile of 13 th Street, an existing roadway. The improvements including sidewalks, pedestrian lighting, bridge modifications, landscaping, roadway re-construction, drainage, utilities. The project included drainage connections to the canal headwalls. Modifications to the existing Moore’s Creek bridge were also performed as a part of the project.	City Ft. Pierce, Ed Seissiger 772-460-2200 x 157



11. Identify and discuss the challenges and issues associated with the design of the Melaleuca Boulevard Sidewalk. Include discussions about the design, innovative ideas, public notification, meeting the deadlines, complying with the FDOT LAP requirements, and meeting the City's design budget.

Culpepper & Terpening, Inc., in an effort to identify the challenges and issues associated with the Project, has reviewed the following related information:

- Reviewed The City's FDOT application for Transportation Enhancement Projects, Dated April 16, 2009;
- Reviewed The City's FDOT application for Transportation Enhancement Projects, Dated May 10, 2010;
- Reviewed the FDOT LAP Environmental Review Memorandum, Dated Sept. 12, 2011;
- Conducted a field walk through of the Project limits;
- Obtained and reviewed the St. Lucie County School Board Bus Transportation Routes along Melaleuca Boulevard;
- Obtained and reviewed the Treasure Coast Connector's Transit Routes;
- Obtained and reviewed the Greenways and Trails Master Plan;
- Obtained and reviewed the Port St. Lucie Section 30 Plat Book 14 Page 10-10I;
- Obtained and reviewed the Port St. Lucie Section 40 Plat Book 15 Page 34-34Y;
- Obtained and reviewed the SFWMD SWM Permit;
- Obtained and reviewed the Eastern Watershed Proposed Improvements;
- Obtained and reviewed the PSLUSD Water & Sewer record drawings; and
- Obtained and reviewed the St. Lucie TPO Transportation Improvement Program.

Project Challenges Issues and Innovative Ideas

Culpepper & Terpening, Inc. has extensive LAP experience and institutional knowledge of the project area, thus we will have No "Learning Curve" associated with the design of the Project.

1. Safety and adequate clear zone from the travel way is a critical design consideration. Melaleuca Boulevard has a functional design classification by the FDOT "Green Book" which recommends a 10 foot clear zone be maintained based on a posted speed limit of 30 MPH. *Culpepper & Terpening, Inc.* conceptual location meets the FDOT recommended 10 foot design standards.



Clear Zone

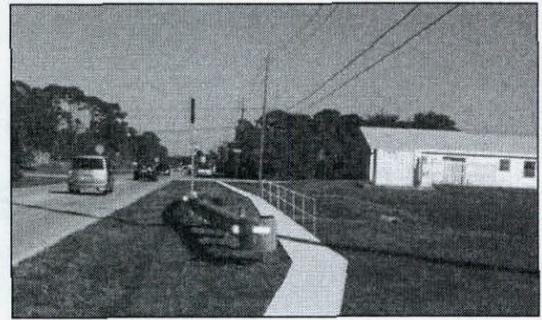


2. The design of the sidewalk on south side requires the crossing of 51 existing driveways and potentially 12 new driveways associated with the undeveloped parcels. Homeowners have made improvements within the City's right of way that will impact the Project. We will coordinate with the property owner on a case by case basis how the issue is addressed.



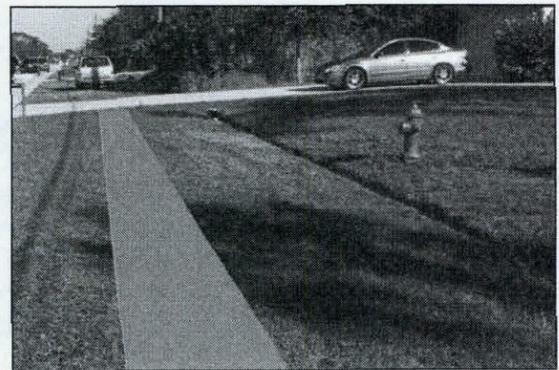
Private Improvements

3. ADA design requirements are always a design restraint in sidewalks. Transitions with existing driveways, roadways cross slopes, clear zones, and connections to existing sidewalks require special consideration. We have identified several areas of special concern such as the connection at Lennard Road, and the crossing of Seybold Waterway.



Seybold Waterway

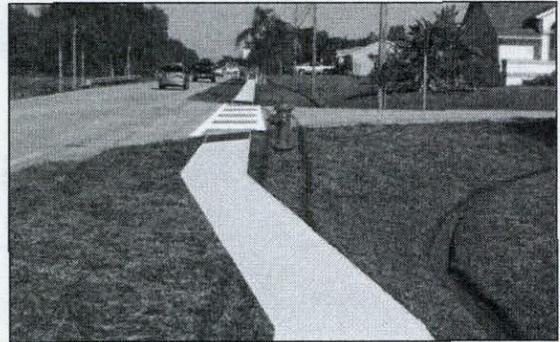
4. The sidewalk location and grade can significantly impact the City's existing drainage system. We propose the location to be at a ten (10) foot offset from the edge of pavement so that the swale invert is not affected and the side yard swales are maintained.



Maintaining Existing Drainage



5. Safety enhancement for the south side street Pedestrian crossing along Melaleuca Boulevard at the side streets. There are a total of nine (9) side streets to cross. We propose to establish an alignment shift to a location in front of the stop sign & bar. The alignment shift also “awakens” the pedestrian of upcoming intersections. In addition truncated domes will be designed to let the sidewalk user know of the intersection. As to the motorist, stripping and signage will be designed in accordance with the MUTCD standards.



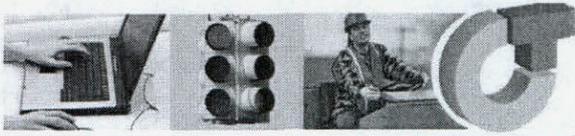
Sidestreet Crossings

6. The sidewalk connection at Lennard Road presents several challenges including maintenance of the roadway drainage, continuance of the roadside swale connection into the Lennard Road drainage system, and utility relocations. Additionally the abutting property grades will dictate special treatment of the back of sidewalk slope and longitudinal grades.

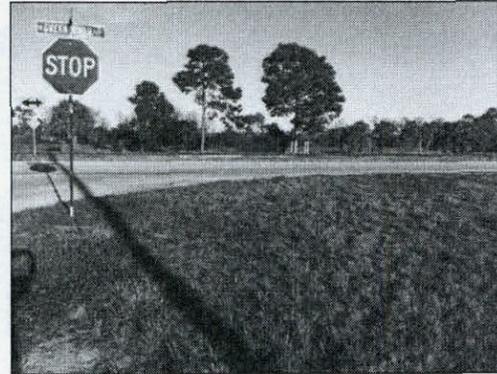


Lennard Road Connection

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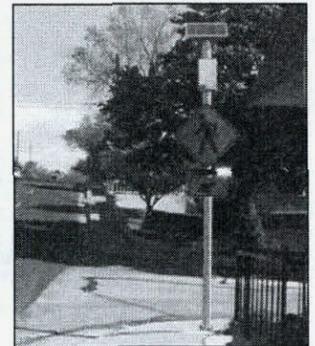
7. The sidewalk connection at the Greenway Trail System is located on the east side of the Green River Parkway will present a challenge in that it requires the crossing of Green River Parkway. Green River Parkway is classified as a major collector by the St. Lucie County TPO and has a posted speed of 40 MPH. We proposed one of two (2) systems to assist the user's safe crossing of Green River Parkway. If warrant analysis will justify the installation of a "HAWK" activated crosswalk would be the preferred system, however at minimum a Rectangular Rapid Flashing Beacon (the "RRFB") would be considered. **Culpepper & Terpening, Inc.** has been successful in justifying activated crosswalks for our Client's projects, including FDOT funding participation.



Crossing Green River Parkway



"HAWK"



"RRFB"

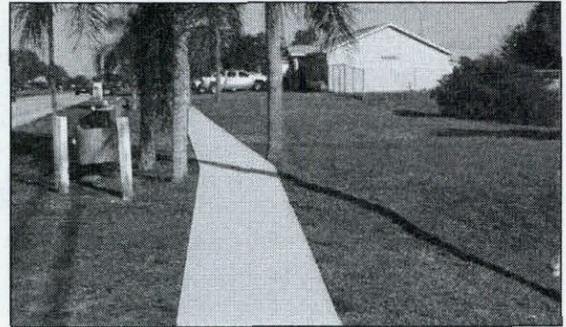
8. Consideration of the Existing 8 designated School Bus Stops within our project area. We will closely coordination with the St. Lucie County School Board, Transportation Department on current and proposed bus pick up locations.



School Bus Stops

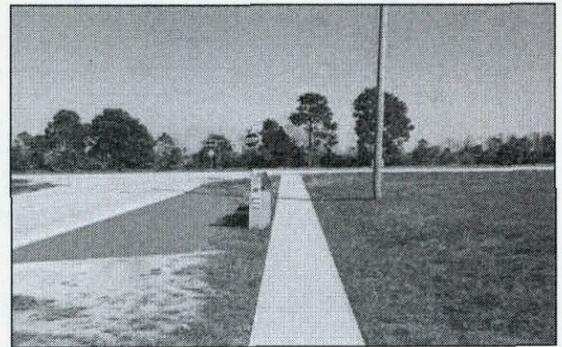


9. Crossing of the City's Waterways at Seybold, Gate and Buttonwood. We proposed addressing these issues with alignment shifts in the sidewalks and installation of hand rails if required. The existing guardrail along the roadway allows for a safe clear zone.



Gate Waterway

10. Currently there are two (2) existing newspaper stand dispensers; one is located at Berkshire Boulevard and the other at Green River Parkway. We will present conceptual plans to allow the City to determine if they want the stands to remain after construction.



Newspaper Dispensers

11. Utility Conflicts with the proposed sidewalk alignment effects the Project's scope, schedule and budget. **Culpepper & Terpening, Inc.** will solicit utility coordination early in the design phase to insure design issues are addressed any required utility adjustments or relocations.
12. South Florida Water Management District (the "SFWMD") pre-application meeting with Environmental Resource Permit staff to confirm no "wetland impacts."
13. Confirm the project is exemption from SFWMD permit under rule 40E-4.051(11) (a) Sidewalks. A pre-application meeting will be scheduled with Mr. Hugo Carter, P.E., and Senior Supervising Engineer for SFWMD.
14. Geotechnical design parameters are critical to insure that the improvements have a good foundation and proper bearing capacities. Poor subsurface conditions can lead to construction cost overruns, and premature failure of the improvements. We propose to develop a geotechnical investigation program which includes shallow soil boring at 200 foot intervals along the design route and in areas of underground drainage improvements.



15. Sidewalk lighting is always of concern in the design. Alignment of the sidewalk on the south side of Melaleuca will enable the City to utilize the existing street lighting on FP&L power poles, which are spaced at approximately 400 feet on center. Field reviewed indicated that all nine (9) of the side streets crossing currently have street lighting. We proposed to assist the City in a night inspection of the existing lighting and if necessary coordinate with FP&L for the addition of street lights.



Sidewalk lighting

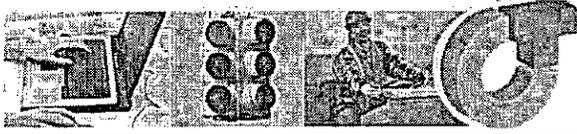
16. Project Surveying is important to keep the project on schedule and to field locate critical design elements. *Culpepper & Terpening, Inc.* having in-house surveying services allows quick response and quality control.
17. C&T has provided design solutions to our Clients to the issues outlined above. These design solutions were reviewed and accepted by the FDOT as part of the Electronic Review Comments (ERC) process. We are experienced and intimately knowledgeable with the ERC protocol and acceptance process

Public Participation

Public participation is a critical element of the design process. Public opinions often are a result of poor communications and a lack of public input into the design elements. Often abutting property owners have improved the City's right of way in front of their property which concerns them. Safety and crime are usually a "why my side of the road" issued with the design.

We propose the following:

1. Public meetings during the design stage often identities concerns such as location and neighborhood impacts. We have utilized social media such as Face book and Twitter to inform the public of the projects design issues.
2. Ground-truthing and face to face meetings with the homeowners are important to address driveway repairs, designer driveways and landscaping concerns.
3. A one on one meeting with the homeowners establishes a line of communications for addressing residential and commercial concerns.
4. One of the main challenges with public notification and addressing public concerns is trying to satisfy the wide range of desires of the individual citizens. This is especially difficult when aesthetics are being discussed.



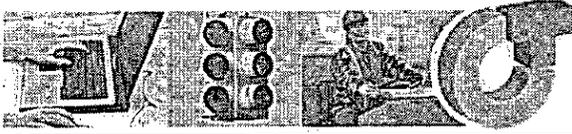
Meeting Deadlines, the City's Design Budget and Complying with the FDOT LAP requirements

In the last 18 months *Culpepper & Terpening, Inc.* team has successfully designed or provided Construction Engineering Inspection on approximate \$9,200,000 of construction value in LAP Projects for **City of Port St. Lucie, St. Lucie County, Martin County, the City of Fort Pierce, and the City of Stuart.** These projects included sidewalks and pedestrian pathways with a total length of approximately 10.1 miles.

Culpepper & Terpening has no "learning curve" for FDOT LAP projects. We know the submissions requirements and have successfully submitted the required initial submission, the (30%) plan submission, the (80%) plan submission and the (100%) plan submission. The submissions are made to the FDOT in both electronic submission and hard copies.

It has been our experience that the LAP Projects schedules are generally compressed and driven by the agreement; we have successfully met all of our Clients milestone submissions.

1. Plan submission requirements are required in FDOT formatting; we have been successful in submission of progress plans with minimal review comments.
2. The Engineer's estimate of probable cost at every submission requires an extensive knowledge of the FDOT pay items and specifications. We have successfully received approvals of our cost estimates by FDOT.
3. Plan submission requirements justification of related improvements required by the project such as related drainage and roadway projection improvements. We have been successful in submission and have received approval of the incidental items for our Clients.
4. Preparation and submittal of the FDOT computation book as part of the LAP submissions. We have been successful in submittal the computation book to justify our Clients goals.
5. Preparation and submittal of the FDOT specifications and Technical Special Provisions as part of the LAP submissions.
6. Scope change requires design justification and plan submission of project impacts to justify the changes. We have been successful and our Clients have received approval of expansion the project's scope.
7. The primary challenge associated with LAP projects is the need to meet the requirements from various entities and finding acceptable compromises when some of these desires from one organization conflicts with the desires of another organization.



12. Please provide a draft scope of work describing the services required to complete the design and permitting of the project.

The following *“Draft Scope of Work”* includes work task based on lessons learned and current FDOT design and LAP submittal requirements. Culpepper & Terpening, Inc. Design Engineer’s, Project Manager’s and Principals in November 2011 completed the FDOT LAP training seminar in Ft. Lauderdale. The following highlights those Tasks which are currently being required by the FDOT:

- FDOT’s Electronic Review Process (ERC)
- Provide side Lot Swale profiles
- Computation Book (Complete but subject to change)
- Specifications and Technical Special Provisions
- Assist the City with NEPA submittal documentation to the FDOT- Environmental Division.

Draft Scope of Work

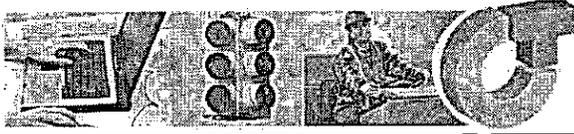
The Engineer shall provide design services for approximately 1.7 miles of five-foot wide concrete sidewalk on Melaleuca Boulevard from the existing sidewalk at Lennard Road to the existing facilities located on Green River Parkway. The Engineer will recommend the location of the sidewalk (north or south side) based upon the least disruptive to the neighborhood while meeting the construction budget for this project. This recommendation will be subject to review and acceptance of the City.

The scope includes all design associated with the five-foot concrete sidewalk, including but not limited to intersection improvements, drainage modifications, driveway and culvert replacement, utility coordination, permitting, and completion of the requisite FDOT LAP documentation showing the coordination and resolution of environmental issues during the development of the plans, coordination and minor assistance with the public notification of the construction project, and minimal post design services.

The Engineer shall be prepared a complete set of construction plans in accordance with FDOT Plans Preparation Manual. The design shall follow the FDOT design criteria set forth in the Standard Specifications, Roadside Design Guide, and the Manual of Uniform Minimum Standards for Design, Construction, and Maintenance of Standard Streets (Florida Greenbook). Additional criteria from the AASHTO A Policy on Geometric Design of Highways and Streets and the ITE Traffic Engineering Handbook may also be applicable. The construction plans shall include cross sections at 200-foot intervals as well as plan and profile views.

The design plans shall be developed in consideration of and show the three phases of construction:

- Phase I – Camden Street to Berkshire Boulevard;
- Phase II – Berkshire Boulevard to Green River Parkway; and
- Phase III – Lennard Road to Camden Street.



The Engineer will coordinate the design plans and obtain permits from all applicable agencies including but not limited to:

- The City of Port St. Lucie Engineering Dept;
- Port St. Lucie Utility Service Department (the "PSLUSD");
- Florida Department of Transportation (the "FDOT")
- St. Lucie County School Board;
- Florida Power & Light;
- AT&T;
- Comcast; and
- Private Utility Owners.

The Engineer shall submit the applicable components of the LAP Phase Submittals to the City and be familiar with *FDOT's Electronic Review Process (ERC)* for addressing FDOT review comments. Post design services shall include, but are not limited to, the preparation of the Construction Specifications, answering questions about the bid documents during the bid process, attending the preconstruction meeting and the progress meetings, as needed, and resolve design issues identified in the field during construction.

Phase 1: REPORT AND FEASIBILITY SERVICES

Task 1.1 Review Services

Consultant shall review the City's application to FDOT for the Melaleuca Boulevard Sidewalk Improvement Project and the LAP funding agreement.

Phase 2: PRELIMINARY DESIGN SERVICES

Task 2.1 Design Survey

Consultant shall provide survey data collection for the entire route of the project. The survey shall include Right-of-Way determination and topographic data collection, both horizontal and vertical for the project. The data collection shall be performed from a minimum of 15' outside of each side of the subject roadway Right-of-Way. The vertical datum shall be consistent with the City of Port. St. Lucie's 1988 NAVD control network. The work effort shall include the following components:

- Set Horizontal Control Points along the project route
- Set Vertical Control Points along the project route
- Control for Right-of-Way resolution
- Perform roadway cross sections and Locations at 50' intervals
- Provide driveway profiles
- Provide side Lot Swale profiles
- Prepare a map of the survey data on 24" x 36" plan format.

The survey data collection shall include subsequent survey efforts throughout the design process.



Task 2.2 **LAP Preliminary Submittal Documents**

Consultant shall assist the City with their LAP Preliminary Submittal documents including the development of the required typical section package and Preliminary Engineer's Cost Estimate. The work effort for each document is described as follows:

Typical Section Package

- Engineer shall prepare a Typical Section Package document in accordance with the FDOT Plans Preparation Manual (PPM), Volume I, Chapters 16.2.3 and 16.3.1 criteria.
- A separate typical section shall be prepared for each roadway on which the sidewalk will be constructed. It is anticipated that a minimum of two (2) typical sections will be developed.

Preliminary Engineer's Cost Estimate

- Engineer shall update the original Engineer's Cost Estimate supplied by the City to the FDOT as part of the grant application. The Engineer's Cost Estimate shall be based upon the preliminary route selected by the grant and shall be segregated for grant eligible and non-eligible items.

Task 2.3 **Subsurface Soils Exploration and Geotechnical Evaluation**

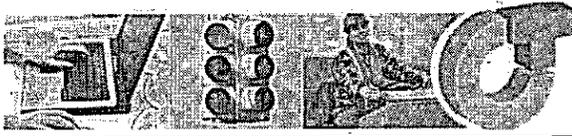
Engineer shall provide a subsurface Soils Exploration and Geotechnical Evaluation of the project corridor. The program shall consist of the following items work:

- 36 auger Borings, one approximately every 250 feet along the corridor to a depth of 5' using a 3" diameter hand held bucket.
- Strata samples at each change
- Determination of water levels
- Typical soils classifications for each strata encountered (sieve analysis, atterberg limits, organic content, etc:)

Engineer shall provide a Geotechnical Evaluation Report of the finding and any recommendations required to provide construction of the sidewalk and ancillary items of construction.

Task 2.4 **Type I Categorical Exclusion Assistance**

Engineer shall provide assistance in completing the Type I Categorical Exclusion (CE) Checklist, including coordination with the FDOT Planning & Environmental Management Office.



Phase 3: FINAL DESIGN SERVICES

Task 3.1 Phase I - Initial (30% Plan) Submittal

Engineer shall provide the City with the 30% submittal documents

The Plans shall be prepared on 11" x 17" size format and comply with the City criteria, PPM, and FDOT Design Standards. The 30% Plan submittal requirements shall be in accordance with the PPM, Volume II, Chapter 2.3.2, and include the following components:

- Key Sheet (Preliminary)
- Drainage Map @ 300 scale (Preliminary)
- Typical Sections (Preliminary)
- Project Layout Sheets @ 300 scale (Preliminary)
- Plan Sheets @ 40 Scale (Preliminary)
- Profile Sheets (Preliminary)
- Intersection Crossing Detail Sheets (Preliminary)
- Cross Sections @ 200' intervals (Preliminary)
- General Notes Sheet (Preliminary)
- Traffic Control Plan (Preliminary)

The submittal documents shall also include the following:

- Update to the Engineer's Cost Estimate commensurate with the development of the 30% plan information.
- Preliminary Geotechnical Report (as referenced in Phase 2.3 above)
- Assist the City with NEPA submittal documentation to the FDOT- Environmental Division.

Task 3.2 Community Awareness/Public Information Plan

Engineer shall assist the City with the development of a community awareness plan for the project, including:

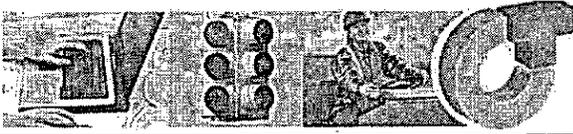
- Assistance in the development of a public informational brochure to be mailed by the City.
- The Engineer shall prepare for and attend project meetings with the following agencies:
 - St. Lucie County School Board Administrative Staff
 - Local Home Owners

Task 3.3 Phase II - Constructability (60% Plan) Submittal

Engineer shall provide the City with the 60% submittal documents in accordance with the FDOT PPM and the LAP Agreement.

The Plans shall be prepared on 11" x 17" size format and comply with the City criteria, PPM, and FDOT Design Standards. The 60% Plan submittal requirements shall be in accordance with the PPM, Volume II, Chapter 2.3.2, and include the following components:

- Key Sheet (Preliminary)
- Summary of Pay Items (Preliminary)
- Drainage Map @ 300 scale (Preliminary)
- Typical Sections (Complete but subject to change)



- Project Layout Sheets @ 300 scale (Complete but subject to change)
- Plan – Profile Sheets @ 40 scale (Preliminary)
- Intersection Crossing Detail Sheets (Preliminary)
- Drainage Structures (Preliminary)
- Cross Section Patterns (Preliminary)
- Roadway Soils Survey (Preliminary)
- Cross Sections @ 200' intervals (Preliminary)
- Stormwater Pollution Prevention Plan (Preliminary)
- General Notes Sheet (Preliminary)
- Traffic Control Plan (Preliminary)
- Utility Adjustment Plan (Preliminary)
- Signing & Pavement Markings Plans (Preliminary)

The submittal documents shall also include the following:

- Update to the Engineer's Cost Estimate commensurate with the development of the 60% plan information.
- Draft Specifications and Technical Special Provisions
Engineer shall prepare the standard technical specifications and special provisions required for inclusion in the Bid Documents. The technical specification and special provision shall be prepared in the standard Bid format of City Bid Documents.
- City & FDOT (ERC) Review Response
Engineer shall prepare a written response to the City plan review of the 30% plan submittal. *The response shall be in the standard Electronic review format provided by the FDOT.*

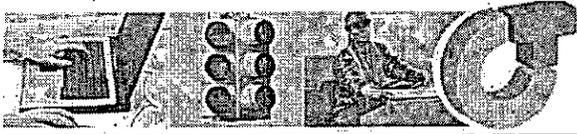
Task 3.4

Phase III - Buildability (90% Plan) Submittal

Engineer shall provide the City with the 90% submittal documents in accordance with the FDOT PPM and the LAP Agreement.

The Plans shall be prepared on 11" x 17" size format and comply with the City criteria, PPM, and FDOT Design Standards. The 90% Plan submittal requirements shall be in accordance with the PPM, Volume II, Chapter 2.3.2, and include the following components:

- Key Sheet (Complete but subject to change)
- Summary of Pay Items (Complete but subject to change)
- Drainage Map @ 300 scale (Complete but subject to change)
- Typical Sections (Complete but subject to change)
- Summary of Quantities (Complete but subject to change)
- Project Layout Sheets @ 300 scale (Complete but subject to change)
- Plan – Profile Sheets @ 40 Scale (Complete but subject to change)
- Intersection Crossing Detail Sheets (Complete but subject to change)
- Drainage Structures (Complete but subject to change)
- Cross Section Patterns (Complete but subject to change)
- Roadway Soils Survey (Complete but subject to change)
- Cross Sections @ 200' intervals (Complete but subject to change)
- Stormwater Pollution Prevention Plan (Complete but subject to change)
- General Notes Sheet (Complete but subject to change)



- Traffic Control Plan (Complete but subject to change)
- Utility Adjustment Plan (Complete but subject to change)
- Signing & Pavement Markings Plans (Complete but subject to change)
- Computation Book (Complete but subject to change)

The submittal documents shall also include the following:

- Update to the Engineer's Cost Estimate commensurate with the development of the 90% plan information.
- Stormwater Design Report
Engineer shall prepare a report detailing the impacts of the stormwater improvements required to implement the construction of the proposed sidewalk system. The report shall be prepared in the typical format required by the South Florida Water Management District for permit submittal.
- Draft Specifications and Technical Special Provisions
Engineer shall prepare the standard technical specifications and special provisions required for inclusion in the Bid Documents. The technical specification and special provision shall be prepared in the standard Bid format of City Bid Documents.
- City & FDOT (ERC) Review Response
Engineer shall prepare a written response to the City plan review of the 60% plan submittal. The response shall be in the standard Electronic review format provided by the FDOT.

Task 3.5

Phase IV - Bidability (100% Plan) Submittal

Engineer shall provide the City with the 100% plan submittal documents in accordance with the FDOT PPM and the LAP Agreement

The Plans shall be prepared on 11" x 17" size format and comply with the City criteria, PPM, and FDOT Design Standards. The 100% Plan submittal requirements shall be in accordance with the PPM, Volume II, Chapter 2.3.2, and include the following components:

- Key Sheet (Final)
- Summary of Pay Items (Final)
- Drainage Map @ 300 scale (Final)
- Typical Sections (Final)
- Summary of Quantities (Final)
- Project Layout Sheets @ 300 scale (Final)
- Plan - Profile Sheets @ 40 Scale (Final)
- Intersection Crossing Detail Sheets (Final)
- Drainage Structures (Final)
- Cross Section Patterns (Final)
- Roadway Soils Survey (Final)
- Cross Sections @ 200' intervals (Final)
- Stormwater Pollution Prevention Plan (Final)
- General Notes Sheet (Final)
- Traffic Control Plan (Final)
- Utility Adjustments (Final)
- Signing & Pavement Markings Plans (Final)
- Computation Book (Final)



The submittal documents shall also include the following:

- Update to the Engineer's Cost Estimate commensurate with the development of the 100% plan information.
- Specifications and Technical Special Provisions
Engineer shall prepare the standard technical specifications and special provisions required for inclusion in the Bid Documents. The technical specification and special provision shall be prepared in the standard Bid format of City Bid Documents.
- City & FDOT Review Response
Engineer shall prepare a written response to the City's plans review of the 90% plan submittal. The response shall be in the standard Electronic review format provided by the FDOT.

Task 3.6

Project Permitting

Engineer shall provide permit submittals to the following agencies for the construction of the project:

SFWMD Permit Exemption:

A permit exemption application shall be submitted to the SFWMD for the proposed project improvements. The exemption application shall include the documentation required to allow the SFWMD to make the exemption determination.

- Wetland Permitting is Not Included
- Gopher Tortoise Permitting is Not Included



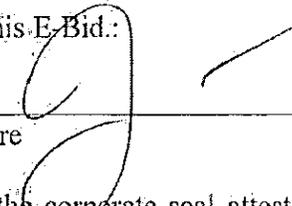
ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued
N/A	

CERTIFICATION:

This E-Bid is submitted by: Name (print) J.P. Terpening, Jr. who is an officer of the above firm duly authorized to sign proposals and enter into contracts. I certify that this E-Bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards. I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20100050.

I agree to abide by all conditions of this E-Bid:



 Signature President
Title

If a corporation renders this E-Bid, the corporate seal attested by the secretary shall be affixed below. Any agent signing this E-Bid shall attach to this form evidence of legal authority.

Witnesses:

Nate Willbur

J.P.T.

Ken C.

[Signature]

If Partnership:

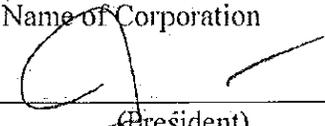
 Print Name of Firm
 By: _____
 (General Partner)

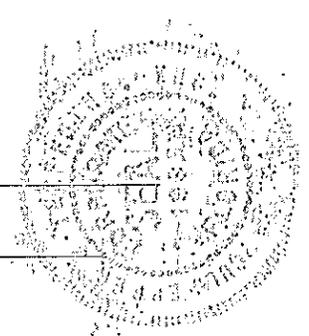
If Individual:

 Signature

 Print Name

If Corporation:

Culpepper & Terpening, Inc.
 Print Name of Corporation
 By: 
 (President)
 Attest: 
 (Secretary)





"A City for All Ages"

CITY OF PORT ST. LUCIE

*Sealed Electronic Proposal #20120027
(E-Bid)*

*Design and Permitting of
Melaleuca Boulevard Sidewalk
from
Lennard Road to Green River Parkway*

Prepared By:
Cheryl Shanaberger
Office of Management & Budget
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984-5099
772-871-7390
cheryls@cityofpsl.com

TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT

STATE OF FLORIDA §
COUNTY OF ST. LUCIE §

Before me, the undersigned authority, personally appeared affiant Tanzer Kalayci who being first duly sworn, deposes and says:

1. That the undersigned firm is furnishing this Truth in Negotiation Certificate pursuant to Section 287.055(5)(a) of the Florida Statutes for the undersigned firm to receive an agreement for professional services with the City of Port St. Lucie, St. Lucie County, Florida.
2. That the undersigned firm is a corporation which engages in furnishing professional architect and engineering services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide professional services for a project known as #20120027, Design and Permitting of Melaleuca Boulevard Sidewalk.
3. That the undersigned firm has furnished the City of Port St. Lucie, St. Lucie County, Florida a detailed analysis of the cost of the professional services required for the project.
4. That the wage rate information and other factual unit cost, which the undersigned firm furnished, were accurate, complete and current at the time the undersigned firm and the City of Port St. Lucie entered into the agreement for professional services on the project.
5. That the agreement which the undersigned firm and the City of Port St. Lucie entered into on this job contained a provision that the original agreement price and any additions thereto shall be adjusted to include any significant sums by which the City of Port St. Lucie determines the agreement price was increased due to inaccurate, incomplete or non-current wage rates or other factual unit cost and that all such agreement adjustments shall be made within one (1) year following the end of the agreement.

FURTHER AFFIANT SAYETH NAUGHT

Keith and Schnars
Name of Firm

Tanzer Kalayci

By: President

The foregoing instrument was acknowledged before me by Tanzer Kalayci who has produced Personally Known as identification or is personally known to me.

WITNESS my hand and official seal in the State of County last aforesaid this 10th day of January, 2012.

(SEAL)

Marlene Pinnock
Signature

Marlene Pinnock
Notary Name (typed or printed)



Title or Rank

IN WITNESS WHEREOF, the parties have executed this contract at Port St. Lucie, Florida, the day and year first above written.

CITY OF PORT ST. LUCIE FLORIDA

By: _____
City Manager

ATTEST:
By: _____
City Clerk

By: _____
Authorized Representative of .)

State of: _____

County of: _____

Before me personally appeared: _____)
(please print)

Please check one:

Personally known _____

Produced Identification: _____
(type of identification)

Identification No. _____

and known to me to be the person described in and who executed the foregoing instrument, and acknowledged to and before me that _____ executed said instrument for the purposes therein expressed.

(s/he)

WITNESS my hand and official seal, this _____ day of _____, 2012.

Notary Signature

Notary Public-State of _____ at Large.

My Commission Expires _____
(seal)

QUESTIONNAIRE
E-Bid #20120027

**Design and Permitting of
Melaleuca Boulevard Sidewalk
Lennard Road to Green River Parkway**

It is understood and agreed that the following information is to be used by the City of Port St. Lucie to determine the qualifications of personnel and firm as presented in this document. The Proposer waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Proposer or the personnel of the Proposer.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Consultant, Surety, bank material or equipment manufacturer or distributor, or any person, firm or corporation to furnish the City of Port St. Lucie any Pertinent information requested by the City deemed necessary to vary the information on this questionnaire.

Dated this 10th day of January, 2012

Keith and Schnars
Name of Organization / Proposer

(This is a word document please add space as needed.)

1. Firm's office address, telephone, fax number, e-mail address and contact person for this project.

6500 N Andrews Ave, Fort Lauderdale, FL 33309
Phone: (954) 776-1616 Fax: (954) 771-7690
Contact: Michael Davis, Vice President, mdavis@keithandschnars.com

2. Where is your assigned staff's office located for this project and what is your response time to the site for resolution of design issues identified during construction.

The majority of staff assigned to this project are located in the Keith and Schnars North Broward County office. The maximum response time should be no more than 70 minutes. Firm Principal, Michael Davis, is a resident of West Palm Beach, where an after-hours response time would be no more than 40 minutes. The City is a high priority client for Keith and Schnars and our firm has a long history of successfully completing projects for the City. We are not aware of an instance where response time has been an issue for the City.

3. Does your firm accept payment by Credit Card (yes or no)? Yes

4. List FDOT prequalification(s), applicable to this project, held by the firm.

2.0 Project Development and Environmental Studies
3.1 Minor Highway Design
4.1.1 Miscellaneous Structure

- 7.1 Signing, Pavement Marking and Channelization
- 8.1 Control Surveying
- 8.2 Design, Right of Way and Construction Surveying
- 10.1 Roadway Construction Engineering Inspection
- 10.3 Construction Materials Inspection
- 10.4 Minor Bridge and Miscellaneous Structures Construction Engineering Inspection
- 15.0 Landscape Architect

5. List subconsultants, if applicable, proposed for this project.

Firm Name	Type of Work	Years Experience	Office Location	FDOT Pre-qualifications
Dunkelberger Engineering & Testing, Inc.	Geotechnical	17	Port St. Lucie	9.1, 9.2, 9.3, 9.4.1, 9.4.2, 9.5, 10.3

6. List the design projects awarded by the City to your firm in past 12 months and your firm amount.

Project	Date of Award	Responsibility	Is Work Completed?	Amount of Contract
N/A	N/A	N/A	N/A	N/A
Total Amount				

7. List past five (5) years of litigation history.

We provide below an updated summary of the claims (which we define as a lawsuit filed against us or a demand for arbitration) we have been party to over the course of the past five (5) years.

Scott v. Hubbard Construction Co. (2009): This case involved a vehicular accident on a project where we provided C.E.I. Services. The claims against our firm in the case were quickly dismissed after we prevailed on a Motion for Summary Judgment.

Monroe v. Keith and Schnars (2008): This case brought by a former employee involved an allegation regarding overtime pay on which our company prevailed. The claim was dismissed and case resolved to our satisfaction.

Facchina-Mcgaughan v. Keith and Schnars (2008): We provided minor survey services for a General Contractor involved in the Miami Beach New World Symphony Expansion Project located at 1672 Drexel Avenue, Miami Beach, FL 33139. The Contractor's superintendent instructed our surveyors to use a point he pointed out as a reference to start the project layout, we complied with Contractor's instructions, and the Contractor later drove foundation piles in the wrong location and additional piling to remedy the situation. The Contractor's insurance company paid the Contractor's claim for the cost of the additional piling, but then filed an indemnity claim against us for the Contractor's deductible. We deny negligence.

8. List applicable credentials of the staff assigned to this project.

Staff Name	Title	Years Experience	Licenses	Certifications	Other
C. Bryan Wilson, P.E.	S.E. Regional Director of Highways	26	Professional Engineer, Florida (PE #43447)	Advanced Work Zone Traffic Control Certification	FDOT Utility Coordinator, FDOT Specifications
Mark Kline, P.E.	Director of Highways	26	Professional Engineer, Florida (PE #44016)	Advanced Work Zone Traffic Control Certification	FDOT Specifications
Carlos Alcantara, P.E.	SR. Project Manager	10	Professional Engineer, Florida (PE #64760)	Advanced Work Zone Traffic Control Certification	FDOT Utility Coordinator
Matt Neddeff, P.E.	Project Manager	6	Professional Engineer, Florida (PE #71611)	-	FDOT Specifications, FDOT Utility Coordinator
Mark Moshier, E.I.	Sr. Associate	9	Engineer-In-Training (E.I.)	-	-
Mayra Manrique, E.I.	Sr. Associate	10	Engineer-In-Training (E.I.)	-	ACI Certified
John Abbott, P.G.	Director of Environmental	15	Professional Geologist, Florida (PG #2401)	FWC Authorized Gopher Tortoise Agent (GTA-09-00267A) FDEP Certified Stormwater Management Inspector #25672	--
Joyce Howland	Permit Specialist	40	--	FDEP Qualified Stormwater Management Inspector & Instructor	Former FDOT District 4 Permit Coordinator
Kristine Stewart, Ph.D.	Senior Biologist	30	--	--	Ph.D. Ecology
Craig Dunkelberger, P.E.	Senior Geotechnical Engineer	19	Registered Florida Professional Engineer No. 49932	--	--

9. List the experience of the staff assigned to this project with the design of sidewalks on a residential corridor with swale drainage:

Staff Name	Company	Project Name & Description	Project Owner and Telephone Number
Wilson, Neddeff, & Kline	K&S	<u>Name:</u> SR-713/ Kings Highway from Indrio Rd. to Spanish Lakes Blvd. – St Lucie County, FL. <u>Description:</u> Resurfacing of the existing	FDOT – District 4 Nadir Rodrigues, Project Manager 954-777-4385

		roadway and shoulders, the addition of sidewalk on the east side of SR- 713 from Indrio Road to Winter Garden Parkway, the addition of sidewalk on the west side of SR-713 from Winter Garden Parkway to the existing sidewalk in front of the Portofino Shores, construction of a south-bound left turn lane to Deer Run Drive, guardrail upgrades along the corridor, ADA upgrades along the corridor, and pedestrian signal upgrades at the intersection of SR-713 and Winter Garden Parkway.	
Kline, & Alcantara	K&S	<u>Name:</u> SW 12 th Ave from - Boca Raton, FL. <u>Description:</u> Developed Design analysis and construction documents for construction of a Traffic Circle (roundabout) on NW 12 th Ave at NW 35 th St. Included Roadway Resurfacing, Signing and Marking, Sidewalk reconfiguration, Drainage improvements and landscaping and irrigation design	City of Boca Raton Tony Puerta, Project Manager 561-416-3402
Alcantara, & Manrique	K&S	<u>Name:</u> Airport Blvd. from US 17-92 to Sanford Avenue – Sanford. FL. <u>Description:</u> Created contract documents which detailed the construction of a sidewalk along the north side of Airport Boulevard from State Road 17-92 to Sanford Avenue. The project also included guardrail construction, milling and resurfacing and drainage improvements between French Avenue and N. Woodland Drive. The project required permits from Florida's Turnpike and SJRWMD.	Seminole Co. Public Works Eric Ericson, Project Manager, 407-665-5666
Wilson, Neddeff, & Kline	K&S	<u>Name:</u> El Rio Shared Use Pathway, L-40 Canal to Congress Ave, Boca Raton. <u>Description:</u> LAP Project for new sidewalk / multi-use trail. Ecological surveys, gopher tortoise relocation, and preparation of Categorical Exclusion document.	City of Boca Raton Joy Puerta 561-416-3410
Wilson, Neddeff, & Kline	K&S	<u>Name:</u> El Rio Shared Use Pathway, Yamato Road to L-40 Canal, Boca Raton. <u>Description:</u> LAP Project for new sidewalk / multi-use trail, and pedestrian bridge over the L-40 canal. Ecological surveys, gopher tortoise relocation, preparation of Categorical Exclusion document, and permitting through SFWMD and USACE.	City of Boca Raton Joy Puerta 561-416-3410
Abbott, Howland, & Stewart	K&S	<u>Name:</u> DeSoto and Morgan Parks Sidewalk, Arcadia. <u>Description:</u> LAP project for a 9,971-ft sidewalk through residential neighborhoods of Arcadia, over the Peace River, and through two parks. Ecological surveys and support of environmental resource permitting.	DeSoto County Bart Arrington, P.E. 863-993-4800
Abbott, Howland, & Stewart	K&S	<u>Name:</u> Sistrunk Boulevard Streetscape Improvements, Fort Lauderdale. <u>Description:</u> LAP project for wider sidewalks,	City of Fort Lauderdale Mina Samadi 954-828-5018

		reduced lanes, landscaping, bus shelters, and bus bays. Conducted environmental assessments and prepared Categorical Exclusion document.	
Abbott, Howland, & Stewart	K&S	<u>Name:</u> NE Flagler Drive Greenway and Bicycle Facility, Fort Lauderdale. <u>Description:</u> LAP project for new sidewalk / bikepath, reduced travel lanes, on-street parking, and landscaping. Conducted environmental assessments and prepared Categorical Exclusion document.	City of Fort Lauderdale Mina Samadi 954-828-5018
Abbott, Howland, & Stewart	K&S	<u>Name:</u> Dorsey Riverbend Streetscape Improvements, Fort Lauderdale. <u>Description:</u> LAP project for landscaping, decorative street lighting, pavers, and entry signs. Conducted environmental assessments and prepared Categorical Exclusion document.	City of Fort Lauderdale Mina Samadi 954-828-5018
Abbott, Howland, & Stewart	K&S	<u>Name:</u> Northwest Neighborhood Streetscape Improvements, Fort Lauderdale. <u>Description:</u> LAP project for new sidewalks, drainage improvements, pedestrian lighting, and landscaping. Conducted environmental assessments and prepared Categorical Exclusion document.	City of Fort Lauderdale Mina Samadi 954-828-5018

10. List the experience of the staff assigned to this project with FDOT LAP Projects.

Staff Name	Role	Project Name & Description	Project Owner and Telephone Number
Wilson	Project Manager	<u>Name:</u> Port St. Lucie Blvd Pavement Reconstruction – Port St Lucie, FL <u>Description:</u> Reconstruction of Port St Lucie Blvd from SW Greco Ln to SW Sansom Ln. Includes reconstruction of 6 lane divided roadway with 6' sidewalk, Pavement design, drainage improvements, signing and marking.	City of Port St Lucie, Jennifer Gent, P.E., 772-871-7340
Kline	Project Manager	<u>Name:</u> El Rio Shared Use Path (Spanish River Blvd. to Yamato Rd.) – Boca Raton , FL <u>Description:</u> Design of 12' wide shared use path includes design plan preparation, design surveys, environmental permitting, landscape architecture, structural engineering, preparation of specifications package, and post design services.	City of Boca Raton, Joy Puerta, P.E., 561-416-3410
Kline	Project Manager	<u>Name:</u> El Rio Shared Use Path (Yamato Rd. to L-40 Canal) – Boca Raton , FL <u>Description:</u> Design of 12' wide	City of Boca Raton, Joy Puerta, P.E., 561-416-3410

		shared use path includes design plan preparation, design surveys, environmental permitting, landscape architecture, structural engineering, preparation of specifications package, and post design services.	
Kline	Project Manager	<u>Name:</u> El Rio Shared Use Path (L-40 Canal to Congress Ave.) – Boca Raton , FL <u>Description:</u> Design of 12' wide shared use path includes design plan preparation, design surveys, environmental permitting, landscape architecture, structural engineering, preparation of specifications package, and post design services.	City of Boca Raton, Joy Puerta, P.E., 561-416-3410
Kline	Project Manager	<u>Name:</u> Atlantic Blvd at US-1 Intersection Improvements (NE 19 th Ave to NE 23 rd Ave.) Pompano Beach, FL <u>Description:</u> Roadway Design plans for resurfacing and widening of Atlantic Boulevard (SR 814) from Northeast 19 th Avenue to Northeast 23 rd Avenue and Federal Highway from Southeast 2 nd Street to Northeast 2 nd Street in the City of Pompano Beach. This project involved roadway plans, bid documents, specifications, design survey, permitting, signing and marking plans, signalization plans, lighting plans, and landscape plans.	City of Pompano Beach, Helen Grey, P.E., 954-786-4060
Howland	Environmental assessments and permitting	<u>Name:</u> El Rio Shared Use Pathway, L-40 Canal to Congress Ave, Boca Raton. <u>Description:</u> LAP Project for new sidewalk / multi-use trail. Ecological surveys, gopher tortoise relocation, and preparation of Categorical Exclusion document.	City of Boca Raton, Joy Puerta, P.E., 561-416-3410
Howland	Environmental assessments and permitting	<u>Name:</u> El Rio Shared Use Pathway, Yamato Road to L-40 Canal, Boca Raton. <u>Description:</u> LAP Project for new sidewalk / multi-use trail, and pedestrian bridge over the L-40 canal. Ecological surveys, gopher tortoise relocation, preparation of Categorical Exclusion document, and permitting through SFWMD and USACE.	City of Boca Raton, Joy Puerta, P.E., 561-416-3410
Howland	Environmental	<u>Name:</u> DeSoto and Morgan Parks	DeSoto County

	assessments and permitting	Sidewalk, Arcadia. <u>Description:</u> LAP project for a 9,971-ft sidewalk through residential neighborhoods of Arcadia, over the Peace River, and through two parks. Ecological surveys and support of environmental resource permitting.	Bart Arrington, P.E. 863-993-4800
Howland	Environmental assessments and permitting	<u>Name:</u> Sistrunk Boulevard Streetscape Improvements, Fort Lauderdale. <u>Description:</u> LAP project for wider sidewalks, reduced lanes, landscaping, bus shelters, and bus bays. Conducted environmental assessments and prepared Categorical Exclusion document.	City of Fort Lauderdale Mina Samadi 954-828-5018
Howland	Environmental assessments and permitting	<u>Name:</u> NE Flagler Drive Greenway and Bicycle Facility, Fort Lauderdale. <u>Description:</u> LAP project for new sidewalk / bikepath, reduced travel lanes, on-street parking, and landscaping. Conducted environmental assessments and prepared Categorical Exclusion document.	City of Fort Lauderdale Mina Samadi 954-828-5018
Howland	Environmental assessments and permitting	<u>Name:</u> Dorsey Riverbend Streetscape Improvements, Fort Lauderdale. <u>Description:</u> LAP project for landscaping, decorative street lighting, pavers, and entry signs. Conducted environmental assessments and prepared Categorical Exclusion document.	City of Fort Lauderdale Mina Samadi 954-828-5018
Howland	Environmental assessments and permitting	<u>Name:</u> Northwest Neighborhood Streetscape Improvements, Fort Lauderdale. <u>Description:</u> LAP project for new sidewalks, drainage improvements, pedestrian lighting, and landscaping. Conducted environmental assessments and prepared Categorical Exclusion document.	City of Fort Lauderdale Mina Samadi 954-828-5018

11. Identify and discuss the challenges and issues associated with the design of the Melaleuca Boulevard Sidewalk. Include discussions about the design, innovative ideas, public notification, meeting the deadlines, complying with the FDOT LAP requirements, and meeting the City's design budget.

Design Challenges and Issues

Firstly, the design team will identify a location for the sidewalk facility that complies with both the Florida Green Book criteria for pedestrian facilities as well as the Americans with Disabilities Act (ADA) criteria.

Secondly, the location and configuration of the sidewalk must minimize impacts to the existing swale drainage system, the existing utility infrastructure, private mail boxes and access to adjacent residential properties.

Development of the design for a sidewalk in the SE Melaleuca Blvd residential corridor will present several unique challenges to the design team. The primary initial concern is to locate the sidewalk horizontally within the right of way that will comply with ADA and Florida Greenbook criteria. In an 80' wide residential corridor with existing swale drainage the available locations for the sidewalk are limited. Florida Greenbook criteria calls for the sidewalk to be located as close to the right of way line as possible but failing that then as far from the travel lane as possible. Our preliminary recommendation would be to place the sidewalk approximately 10' off the edge of pavement, sloped at 2% (maximum) towards the existing swale and generally following the profile of the existing roadway. This will help to minimize impact to the existing mailboxes and utility installations. It also will help to minimize impact to the existing roadside swale. Some ditch regarding may also be required to maintain sidewalk grade of less than 5% while maintaining the existing ditch conveyance volume. Additionally, at the three canal crossing locations, we will direct the new sidewalk installation behind the existing guard rail installations which will require minor redirection and regarding of the existing drainage swales at those locations.

The design team will establish an appropriate longitudinal grade of less than 5% to comply with ADA criteria and to eliminate drop off conditions at the back of sidewalk that are greater than 10" in depth. Drop off of more than 10" would require gravity wall and handle to comply with ADA safety criteria but presents unsightly aesthetics that home owners will not support. The design will try to eliminate sheer drop off and instead maintain back slope from the back of sidewalk of 1:3 or less. (Slope of greater than 1:3 that are within 1' of the back of sidewalk also requires handrail.)

It is our understanding the design plans will be developed in three phases of construction: Phase I – Camden Street to Berkshire Boulevard; Phase II - Berkshire Boulevard to Green River Parkway; and Phase III – Lennard Road to Camden Street. Three separate plans sets will be developed to FDOT Plans preparation criteria and three separate submissions to FDOT will be required for their review and approval.

Environmental Permitting Challenges and Issues

Environmental Resource Permit (ERP)

Minor roadway safety improvement projects, including sidewalk construction projects, are covered by Florida Administrative Code section 40E-4.051(11) which states that "the construction of ... roadway safety projects provided that the capacity of existing swales, ditches, or other stormwater management systems is not reduced; the projects are not located within wetlands or other surface waters; and the projects include best management practices during construction to prevent secondary impacts in adjacent wetlands or other surface waters due to erosion and sedimentation" do not require permits. The design team will focus on minimizing the re-grading the swales so as to not reduce the existing capacity with the goal of eliminating the need for stormwater permitting. Therefore, no ERP will be required due to sidewalk construction impacts.

Gopher Tortoises

Our biologists did an initial reconnaissance of the project corridor and found gopher tortoises, a protected species, in some of the vacant lots along Melaleuca Boulevard. The minimum protective buffer zone for a gopher tortoise burrow is 25 feet. In general, the habitat is not favorable for tortoises within 25 feet of the proposed sidewalk. It is not likely that any burrows will be found within 25 feet of the proposed construction zone. Our biologists will do a thorough gopher tortoise survey prior to design (to evaluate avoidance options) and again shortly before construction. Within 60 to 90 days of construction (to be valid for permitting, the survey must be done no earlier than 90 days prior construction), our biologists will conduct a survey to determine if any tortoises have moved to within 25 feet of the proposed limits of construction. If any burrows are present, we will apply for a permit to relocate the burrows. Any construction within 25 feet of a burrow would require a permit from the Florida Fish and Wildlife Conservation Commission (FWC). If any permit is needed, we anticipate that a "10 or Fewer" permit would suffice because we anticipate five or fewer tortoises (10 burrows or less) and onsite relocation. All gopher tortoise surveys, permitting, and relocation would be done by our own FWC Authorized Gopher Tortoise Agent: Mr. John Abbott (FWC permit GTA-09-00267A). Mr. Abbott has relocated permitted and relocated many gopher tortoises, including those at the interchange of I-95 and Becker Road in Port St. Lucie.

FDEP NPDES Permit

The project as currently described is just above the one-acre threshold (total disturbed area = 1.027 acres) for a Generic Permit for Stormwater Discharge From Large and Small Construction Activities, as provided in Rule 62-621.300(4), FAC. Therefore, an erosion and sediment control plan will be prepared to meet the requirements of the SFWMD and USACE. In addition, We will review the Contractor's erosion control plan to ensure compliance with the agencies and FDOT guidelines.

Geotechnical Challenges and Issues

Our geotechnical engineering sub-consultant, Dunkelberger Engineering & Testing, Inc. (Dunkelberger), brings more than 17 years of local soils knowledge and FDOT experience to our team. Based on their experience and knowledge of the site area, we expect normal stripping, grading and compaction operations will be appropriate for preparation of the sidewalk subgrade as the in-situ soils along the alignment generally consist of sands meeting the FDOT's Standard Index No. 505 requirements for embankment and subgrade usage. However, this will be confirmed through a geotechnical investigation following the FDOT Soils and Foundation Handbook (latest edition) with shallow soil borings drilled at approximately 250-foot centers along the sidewalk alignment. Any unsuitable soils (i.e., organic or plastic soils not meeting FDOT design criteria) found during the investigation will be delineated and quantified as part of the design.

Public Notification

Perhaps the most important aspect of the design development process will be the community outreach program that will seek to gather input from the homeowners in the corridor regarding their concerns and desires. The community involvement and awareness programs will also seek to keep the local community informed regarding the project schedule and anticipated impacts to adjacent properties. Based on the field review there are several residential driveways and mailboxes that will be impacted by the construction. The City should notify the public about the pending construction project through newspaper notices, public service announcements, posting of notices at public buildings, mailings to interested groups/persons, and City Commission meetings.

LAP

The primary challenge associated with LAP Projects is taking care to make sure submittals to FDOT for review meet the submittal requirements as detailed in the FDOT LAP Phase Submittal checklists for the Initial, Constructability and Final Submittals. Secondly, prior to FDOT submittals, it is incumbent upon the design team to carefully coordinate with city staff so that everyone is in agreement on the FDOT requirements regarding the submittals schedules, specifications format and content or if there are any required technical specifications. Lastly, it is important to carefully review the LAP agreement with city staff to ensure that everyone on the consultant team is aware of the LAP agreement requirements and to highlight any scope issues that may be problematic in terms of FHWA approval.

The first thing the consultant must do is meet with the City staff and carefully go through the FDOT LAP submittal checklists to ensure that documentation can be provided for all aspects of the submittals. In general, that entails careful coordination with City staff to develop consensus on the scope of construction as indicated on the plans, the configuration and development of the specifications package and whether there will be any required technical specifications that will require FDOT approval from FDOT Central office in Tallahassee.

Keith and Schnars has recent experience with producing LAP projects for the City of Port St Lucie. Our design team worked with Ms. Jennifer Gent, of the City Engineering staff, to develop plans for the reconstruction of Port St Lucie Boulevard from SW Greco to SW Sansom Lane (Contract #20100088)(FPID:428660-1-52-01) in less seven months from inception to advertisement. FDOT staff was apprehensive that the project could be brought to completion under that timeframe but Keith and Schnars accomplished the task and the City received FDOT approvals to carry out the letting well within the City's target schedule. This required close coordination between Ms. Gent, the FDOT LAP Office staff and the Keith and Schnars design team to make sure all of the LAP procedures and checklists and submittal schedules were met or exceeded.

In addition, Keith and Schnars is currently under contract as a Districtwide Plans and Specifications Review Consultant in FDOT District 4 and we are providing support to the FDOT District 6 LAP Coordinator. Under our Districtwide General Engineering Services Contract in FDOT District 6. Our staff is very familiar with the LAP certification and review checklists required in the project LAP agreements and we are similarly experienced with the FDOT Electronic Review Comment (ERC) process and the intricacies of the ERC website.

Meeting Design Budget

Keith and Schnars' design team realizes how critical it is for the City to achieve the goals of this project at the lowest cost point possible. The Keith and Schnars' project management team will always be cognizant of ways to reduce design costs and scheduling efficiencies in order to provide the most cost effective project possible. For this particular project, we believe there are opportunities to reduce the amount of design survey and geotechnical investigation required to produce the construction documents; producing a substantial cost savings that would be reflected not only in the design fee but in the project schedule as well.

12. Please provide a draft scope of work describing the services required to complete the design and permitting of the project.

Scope of Work

The project at minimum will involve the following functional areas:

- Design Survey – Topographic & 200' cross sections (South side of road only)
- Path Geometry analysis and design (Horiz and Vertical)
- Plan and Profile Sheets (50' Scale)
- Path Cross sections (200' intervals)
- Signing and Pavement Marking Plans
- Drainage Analysis
- Utility Coordination
- Environmental Permitting and certification
- Geotechnical Investigation

The Melaleuca Blvd. sidewalk project requires professional engineering services for the design and permitting of approximately 8,950 feet of five-foot wide concrete sidewalk on the south side of Melaleuca Boulevard from the existing sidewalk at Lennard Road to the existing sidewalk on Green River Parkway. Engineering services include but are not limited to, topographic survey, geotechnical investigation, geometric design of the sidewalk as well as environmental and right-of-way occupancy permitting. The design of the sidewalk facility includes but is not limited to, intersection improvements; drainage modifications; driveway and culvert replacement; utility relocations. Additionally, the consultant will coordinate with and assist the City with the public notification of the construction project; and minimal post design services.

The consultant shall prepare a complete set of construction plans in accordance with FDOT Plans Preparation Manual. The design shall follow the FDOT design criteria set forth in the FDOT Standard Specifications, Roadside Design Guide, and the Manual of Uniform Minimum Standards for Design, Construction, and Maintenance of Standard Streets (Florida Green Book). The construction plans shall include cross sections at a minimum of 200-foot intervals as well as plan and profile views at 1" = 50'. The design plans shall be developed in three phases of construction: Phase I – Camden Street to Berkshire Boulevard; Phase II - Berkshire Boulevard to Green River Parkway; and Phase III – Lennard Road to Camden Street.

The consultant shall coordinate the design plans with and obtain permits from all applicable agencies including, but not limited to, City Engineering Department, City Utility Systems Department, FDOT, private utility owners, and St Lucie County.

The consultant shall submit the applicable components of the LAP submittals to the City and be familiar with FDOT's electronic review process (ERC) for addressing FDOT review comments. Post design services include, but are not limited to, preparation of the construction specifications, answering questions about the bid documents during the bid process, attending the preconstruction meeting and the progress meetings, as needed, and resolve design issues identified in the field during construction.

ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued

CERTIFICATION:

This E-Bid is submitted by: Name (print) Michael Davis who is an officer of the above firm duly authorized to sign proposals and enter into contracts. I certify that this E-Bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards. I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20100050.

I agree to abide by all conditions of this E-Bid.:

Michael J. Davis Signature Vice President Title

If a corporation renders this E-Bid, the corporate seal attested by the secretary shall be affixed below. Any agent signing this E-Bid shall attach to this form evidence of legal authority.

Witnesses:
[Signature]
[Signature]

If Partnership:

 Print Name of Firm
 By: _____
 (General Partner)

If Individual:

 Signature

 Print Name

If Corporation:
Keith and Schnars
 Print Name of Corporation

By: T.H. Joyce
 (President)
 Attest: Mark Jmosher
 (Secretary)

Bid ATTENDANCE
RFP #20120027
Design & Permit Sidewalk Melaleuca
January 10, 2012 @ 3:00:00 PM

	Name (Please PRINT Legibly)	Company Name Or Entity
1	Cheryl Shanaberger	City of PSL-OMB
2	Melissa Lunsford	" "
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User: Shanaberger, CPPO, Cheryl

Organization: City of Port St. Lucie - Office of Management and Budget

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- Buyers
- Account info
- Log Bid [View Bids]
- Log Quote
- View Quotes
- Supplier Search
- Build Broadcast List
- Reports

Bid Details

Bid Information



Agency	City of Port St. Lucie - Office of Management and Budget
Bid Type	Sealed Electronic Bid
Bid Number	EBID-20120027-0-2012/CS
Fiscal Year	2012
Bid Writer	Cheryl Shanaberger, CPPO
Bid Name	Design & permit sidewalk Melaleuca
Bid Status	Under Evaluation
Bid Status Text	None
Award To	
Due Date/Time	1/10/2012 3:00 PM Eastern
Broadcast Date	12/20/2011
Bid Bond	
Project Estimated Budget	
Plan (blueprint) Distribution Options	None
Distribution Method	Download and Mail
Distributed By	Onvia DemandStar
Distribution Notes	None

The City of Port St. Lucie is seeking the professional engineering services for the design and permitting of approximately 8,950 feet of five-foot wide concrete sidewalk on the south side of Melaleuca Boulevard from the existing sidewalk at Lennard Road to the existing sidewalk on Green River Parkway. This project is being completed through the FDOT Local Agency Program (LAP) and the consultant will be responsible for completing the necessary submittals and preparing the design so that the project is in compliance with FDOT LAP requirements.

The engineering services includes all survey, geotechnical, design and permitting work associated with the complete design and permitting of the sidewalk including, but not limited to, intersection improvements; drainage modifications; driveway and culvert replacement; utility relocations; permitting; completion of the requisite FDOT LAP documentation showing the coordination and resolution of environmental issues during the development of the plans; coordination and minor assistance with the public notification of the construction project; and minimal post design services.

Scope of Work The consultant shall prepare a complete set of construction plans in accordance with FDOT Plans Preparation Manual. The design shall follow the FDOT design criteria set forth in the Standard Specifications, Roadside Design Guide, and the Manual of Uniform Minimum Standards for Design, Construction, and Maintenance of Standard Streets. (Florida Green Book). Additional criteria from the AASHTO A Policy on Geometric Design of Highways and Streets and the Institute of Traffic Engineers (ITE) Traffic Engineering Handbook may also be applicable. The construction plans shall include cross sections at a minimum of 200-foot intervals as well as plan and profile views. The design plans shall be developed in consideration of and show the three phases of construction: Phase I - Camden Street to Berkshire Boulevard; Phase II - Berkshire Boulevard to Green River Parkway; and Phase III - Lennard Road to Camden Street.

The consultant shall coordinate the design plans with and obtain permits from all applicable agencies including, but not limited to, City Engineering Department, City Utility Systems Department, FDOT, private utility owners, and St Lucie County.

The consultant shall submit the applicable components of the LAP submittals to the City and be familiar with FDOT's

electronic review process (ERC) for addressing FDOT review comments. Post design services include, but are not limited to, preparation of the construction specifications, answering questions about the bid documents during the bid process, attending the preconstruction meeting and the progress meetings, as needed, and resolve design issues identified in the field during construction.

In addition to the deliverables to FDOT and the regulatory reviews, deliverables supplied to the City shall include:

- Two (2) hard copies of 30%, 60%, and 90% Construction Drawings
- One (1) PDF copy of 30%, 60%, and 90% Construction Drawings
- Four (4) sets of signed and sealed 100% "Approved for Construction" Drawings
- One (1) PDF copy of 100% "Approved for Construction" Drawings
- One (1) AutoCad copy of 100% "Approved for Construction" Drawings
- One (1) hard copy of permit application submittals

E-Bidding Yes

E-Bidding



View Supplier Info on Tabulation Sheet prior to bid opening Yes

Required Documents 1. Questionnaire

Legal Ad



Please select either the View or Edit button to manage legal ad.

Pre-Bid Conference

NONE

Publications

No Publications Data Found

Documents



Bid Package 20120027 Bid Specifications (Complete)
20120027 Lap information (3 Pages, Complete)

Commodity Codes

ARC-907-35 - Designing Services

Statistics

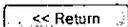
Planholders There are 8 planholders for this bid

Broadcast List 14 suppliers have been notified

Supplemental Suppliers 0 Supplemental Suppliers

Filtered Yes

Post-Bid Viewers 0 viewer(s)



User: Shanaberger, CPPO, Cheryl

Organization: City of Port St. Lucie - Office of Management and Budget

Logout | Help



- My DemandStar
- Buyers
- Account info
- Log Bid [View Bids]
- Log Quote
- View Quotes
- Supplier Search
- Build Broadcast List
- Reports

Tabulation Sheet

Agency Name City of Port St. Lucie - Office of Management and Budget
 Bid Number EBID-20120027-0-2012/CS
 Bid Name Design & permit sidewalk Melaleuca
 Bid Due Date 1/10/2012 3:00:00 PM Eastern time
 Bid Opening Closed

4 total responses found.

online, offline, not submitting, not received

	Company	Responded	Address	Bid Amt	Alt Bid Amt	Documents	Sent	Notes	Actions
Complete									
1.	CAPTEC Engineering, Inc.	1/10/2012 1:13:32 PM	301 N.W. Flagler Avenue Stuart, FL 34994	\$0.00		Questionnaire	<input checked="" type="checkbox"/>		Details, Documents, History
2.	Creech Engineers, Inc.	1/10/2012 10:37:20 AM	7881 SW Ellipse Way Stuart, FL 34997	\$0.00		Questionnaire	<input checked="" type="checkbox"/>		Details, Documents, History
3.	Culpepper & Terpening Inc	1/10/2012 2:31:52 PM	2980 South 25th Street Ft. Pierce, FL 34981	\$0.00		Questionnaire	<input checked="" type="checkbox"/>		Details, Documents, History
4.	Keith and Schnars, P.A.	1/10/2012 12:15:39 PM	6500 North Andrews Avenue Fort Lauderdale, FL 33309-2132	\$0.00		Questionnaire	<input checked="" type="checkbox"/>		Details, Documents, History

[<< Return](#)

Manage Bid Tabulation

Planholder Responses



When adding a manual response, you can select a vendor off the Planholders List or add a new vendor.

(Select a Planholder)

Publish Tabulation Sheet



Once you have reviewed the tabulation sheet details, you may create a downloadable PDF version.

Include Non-Compliant Supplier details

BID ADDENDUM # 1
BID # 20120027
Addendum Date: January 17, 2012

Design & Permit sidewalk for Melaleuca

Notification

This is notification that the evaluation committee met on January 17, 2012 at 2:30 P.M. in the Office of Management and Budget, Room 390, 121 SW Port St. Lucie Blvd., Building A, Port St. Lucie, Florida and selected the three firms below for a question and answer interview at the designated times;

Firm	Interview time
Creech Engineering	1:00 PM
Culpepper & Terpening Inc.	1:30 PM
Captec Engineers	2:00 PM

The question and answer session will be held on January 20, 2012, starting at 1:00 P.M. in the Office of Management and Budget, 121 SW Port St. Lucie Blvd., Bldg. A, Room 390, Port St. Lucie, Florida. The presentations are to be specific to the project to include details about the project method, public participation and the entire LAPP process. Discuss how your firm will meet the time lines for this project. State your staff specific experience with LAPP projects and what their involvement was on other projects in this process. Define which FDOT qualifications apply to this project.

The format of the meeting will be

- A. 10 minutes for introduction by the firm
- B. 15 minutes for questions from committee members

A projector and laptop will be available if needed. Also, please provide an electronic copy for the file of any handouts or power point presentations (you may email this to me).

Anticipated Short List approval for City Council is February 13, 2012.

Please contact me if you have any questions, at cheryls@cityofpsl.com or 772 871 7390.

Thank you,

Cheryl Shanaberger MPA, CPPO
Deputy Director of OMB



"A City for All Ages"

CITY OF PORT ST. LUCIE

***Sealed Electronic Proposal #20120027
(E-Bid)***

***Design and Permitting of
Melaleuca Boulevard Sidewalk
from
Lennard Road to Green River Parkway***

Prepared By:
Cheryl Shanaberger
Office of Management & Budget
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984-5099
772-871-7390
cheryls@cityofpsl.com

NOTE: THIS REQUEST FOR AN E-BID IS ONLY FOR THE FOLLOWING CONSULTANTS WHO HOLD MASTER CONTRACT #20100050 WITH THE CITY: American Consulting, Arcadis US Inc., Calvin, Giordano & Associates Inc., Captec Engineering Inc., Creech Engineers Inc., Culpepper & Terpening Inc., Hazen & Sawyer, Infrastructure Eng, Inc., Keith & Schnars P.A., Kimley-Horn & Associates.

INVITATION TO E-BID

Sealed Electronic Proposal #20120027 for the design and permitting of the Malaleuca Boulevard Sidewalk from Lennard Road to Green River Parkway. Proposals for the project will be received by the Office of Management and Budget of the City of Port St. Lucie no later **3:00:00 p.m. on January 10, 2012**. Specifications are attached.

All submittals must be received by the date and time specified above, when they will be opened and the names publicly read aloud. The proposal time must be and shall be scrupulously observed. Under no circumstances shall submittals uploaded to Demandstar.com after the time specified be accepted or considered. It is the sole responsibility of the Proposer to ensure that his or her submittal is uploaded on or before the closing date and time. The City shall in no way be responsible for delays caused by any power outages or internet failures. No exceptions will be made.

Electronic replies will be the **only** method allowed for Bidders to respond to this solicitation. All submittals must be compatible with Microsoft Office 2003. E-Bidding will be done through a secure locked box. Bidders can only view/submit their E-Bid and will not have access to any other Bidder's submittals. The Bidder's E-Bid may be changed at the Bidder's discretion until the due date and time have been reached at which time the Bidder will no longer change or have access to the electronic bid submittal. The City will then open the E-Bids. Bidders who are e-bidding for the first time are strongly encouraged to contact Demandstar at (800) 771-1712 or obtain assistance by e-mailing questions to supplierservices@onvia.com.

The City of Port St. Lucie reserves the right to reject any and all bids, to waive any and all informalities or irregularities, and to accept or reject all or any part of any bid as it may deem to be in the best interest of the citizens of the City.

All Terms and Conditions of the Master Contract #20100050 and amendments thereof shall apply to the contract issued from this proposal.

For the purpose of this bid, the term Bidder, E-Bidder, Proposer and Consultant may be used interchangeably.

Documents required for this E-Bid: Competed Questionnaire

SUBMITTAL OF E-BID

All proposals shall be submitted by completing and returning the Questionnaire. The Questionnaire should be typed or printed and signed in black ink. All submittals are required to be electronic. No hard copies will be accepted.

- A. Request Bid Specifications, #20120027 from Onvia, via phone 800-711-1712 or via internet www.cityofpsl.com

- B. Download the Questionnaire and save to your hard drive, program is in Word 2003 Professional. Enter information requested on the Questionnaire.
- C. Electronically sign the Questionnaire where indicated.
- D. Upload and submit the Questionnaire for E-Bid #20120027 onto Demandstar by the due date and time. Acknowledge all Addenda on the Questionnaire.
- E. Enter Zero on the web page for cost or you will receive an error message and your submittal will be denied.

**** Only electronic replies are required. No hard copies will be accepted. Please limit entire submittal to no more than 5 mb.**

TENTATIVE SCHEDULE

It is the intent of the City to have this project completed within a limited time frame. Therefore, priority will be given to firms who recognize and display the ability to work within the restrictions of the following tentative schedule:

REVIEW AND SELECTION PROCESS

Advertisement with Onvia DemandStar	December 12, 2011
Proposal Due	January 10, 2012 @ 3:00:00 a.m.
Evaluation Committee*	January 17, 2012 @ 2.30 p.m.
Q & A**	January 20, 2012 @ 1-4 p.m.
Tentative City Council Short List Approval	February 13, 2012
Tentative Negotiations	February 17, 2012 @ 1 p.m.
Tentative City Council Contract Approval	February 27, 2012

* Committee will meet in the Conference Room (390) in the Office of Management & Budget at 2:30 p.m.

**Committee will meet in the Conference Room (390) in the Office of Management & Budget at 1-4 p.m.

EVALUATION AND AWARD

Due to the nature of the work and as requested by FDOT, only FDOT pre-qualified consultants are eligible for this work. Responses will be scored in the following manner:

<i>CRITERION</i>	<i>MAXIMUM SCORE</i>
Emergency Response Time (Questions 1 and 2)	5
Accepts P-card (Question 3)	5
Company Experience (Questions 4, 5, 6, and 7)	15
Assigned Staff Experience (Questions 8, 9, and 10)	15
Understanding of Project Scope (Questions 11 and 12)	50
Maximum Points	100

The City's Office of Management & Budget (OMB) reserves the right to request any additional information needed for clarification from any proposer for evaluation purposes.

The Scope of Work

The City of Port St. Lucie is seeking the professional engineering services for the design and permitting of approximately 8,950 feet of five-foot wide concrete sidewalk on the south side of Melaleuca Boulevard from the existing sidewalk at Lennard Road to the existing sidewalk on Green River Parkway. This project is being completed through the FDOT Local Agency Program (LAP) and the consultant will be responsible for completing the necessary submittals and preparing the design so that the project is in compliance with FDOT LAP requirements.

The engineering services includes all survey, geotechnical, design and permitting work associated with the complete design and permitting of the sidewalk including, but not limited to, intersection improvements; drainage modifications; driveway and culvert replacement; utility relocations; permitting; completion of the requisite FDOT LAP documentation showing the coordination and resolution of environmental issues during the development of the plans; coordination and minor assistance with the public notification of the construction project; and minimal post design services.

The consultant shall prepare a complete set of construction plans in accordance with FDOT Plans Preparation Manual. The design shall follow the FDOT design criteria set forth in the Standard Specifications, Roadside Design Guide, and the Manual of Uniform Minimum Standards for Design, Construction, and Maintenance of Standard Streets (Florida Green Book). Additional criteria from the AASHTO A Policy on Geometric Design of Highways and Streets and the Institute of Traffic Engineers (ITE) Traffic Engineering Handbook may also be applicable. The construction plans shall include cross sections at a minimum of 200-foot intervals as well as plan and profile views. The design plans shall be developed in consideration of and show the three phases of construction: Phase I – Camden Street to Berkshire Boulevard; Phase II - Berkshire Boulevard to Green River Parkway; and Phase III – Lennard Road to Camden Street.

The consultant shall coordinate the design plans with and obtain permits from all applicable agencies including, but not limited to, City Engineering Department, City Utility Systems Department, FDOT, private utility owners, and St Lucie County.

The consultant shall submit the applicable components of the LAP submittals to the City and be familiar with FDOT's electronic review process (ERC) for addressing FDOT review comments. Post design services include, but are not limited to, preparation of the construction specifications, answering questions about the bid documents during the bid process, attending the preconstruction meeting and the progress meetings, as needed, and resolve design issues identified in the field during construction.

In addition to the deliverables to FDOT and the regulatory reviews, deliverables supplied to the City shall include:

- Two (2) hard copies of 30%, 60%, and 90% Construction Drawings
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- Four (4) sets of signed and sealed 100% "Approved for Construction" Drawings
- One (1) PDF copy of 100% "Approved for Construction" Drawings
- One (1) AutoCad copy of 100% "Approved for Construction" Drawings
- One (1) hard copy of permit application submittals

**SAMPLE
CITY OF PORT SAINT LUCIE
CONTRACT #20120027**

This is a Time and Expense CONTRACT, executed this _____ day of _____, 2011 by and between the CITY OF PORT ST. LUCIE, FLORIDA, a municipal corporation, duly organized under the laws of the State of Florida, hereinafter called "City" party of the first part, , a Florida Corporation, Telephone No. Fax No. , hereinafter called "Engineer", party of the second part.

RECITALS

In consideration of the below agreements and covenants set forth herein, the parties agree as follows:

**SECTION I
NOTICES & DESCRIPTION OF SERVICES TO BE PROVIDED**

The scope of work that the Engineer has agreed to perform pursuant to E-bid #20120027 is the design and permitting of the Melaleuca Boulevard Sidewalk Project. All Terms and Conditions of the Master Contract #20100050 will apply.

Notices

All notices or other communications hereunder shall be in writing and shall be deemed duly given if delivered in person, sent by certified mail with return receipt request, email or fax and addressed as follows unless written notice of a change of address is given pursuant to the provisions of this Contract.

Engineer:

City Contract Administrator: Office of Management & Budget
Att: Cheryl Shanaberger, Deputy Director OMB
City of Port St. Lucie
121 SW Port St. Lucie, Blvd.
Port St. Lucie, FL. 34984
Telephone 772 871 7390 Fax 772 871 7337
Email: cheryls@cityofpsl.com

City Project Manager: Roxanne M. Chesser, P.E.
Civil Engineer
121 SW Port St. Lucie, Blvd.
Port St. Lucie, FL. 34984
Telephone 772.871 5186 Fax 772 871 5289
Email: roxannec@cityofpsl.com

Description of Services

To be Completed by Consultant

SECTION II TIME OF PERFORMANCE

Contract period shall commence _____, 201 , and terminate _____, 201_, _____ calendar days. In the event all work required in the proposal specifications has not been completed by the specified date, the Engineer agrees to provide work as authorized by the Contract Supervisor until all work specified in the proposal specifications has been rendered.

SECTION III COMPENSATION

This is a Time and Expense Contract. The total amount to be paid by the City to the Engineer is based on actual time spent on this project with an estimated amount of money. All Lump Sum Amounts are Not to Exceed amounts. The City will not pay for out-of-pocket expenses (Office & Utilities), subconsultant fees or any reimbursable expense. Total is a *Not to Exceed* amount that will be paid at actual time and expense

SECTION IV CONFORMANCE WITH PROPOSAL

It is understood that the materials and/or work required herein are in accordance with the proposal made by the Engineer pursuant to the Request for Proposal and Specifications on file in the Office of Management and Budget of the City. All documents submitted by the Engineer in relation to said proposal, and all documents promulgated by the City for inviting proposals are, by reference, made a part hereof as if set forth herein in full.

SECTION V INDEMNIFICATION/INSURANCE

To the extent permitted under Florida Statutes, the Engineer shall indemnify, defend, and hold harmless the City, its representatives, employees and elected and appointed officials, from and against all claims, cause, demands, legal fees, cost of action, losses, damages or other expenses occasioned by any negligent act, conduct, error or omission by the Engineer, or its agents, employees or sub-consultants, in the performance of this Contract. As consideration for this indemnity provision the Engineer shall be paid the sum of ten dollars (\$10.00), which will be paid at execution of Contract.

The Engineer shall, on a primary basis and at its sole expense, agree to maintain in full force and effect at all times during the life of this Contract, insurance coverage, limits, including endorsements, as described herein.

The Engineer shall agree to maintain Workers' Compensation Insurance & Employers' Liability in accordance with Florida Statutes Chapter 440. Coverage must include Employers' Liability with a minimum limit of \$100,000 each.

The Engineer shall agree to maintain Any Auto, Business Automobile Liability at a limit of liability not less than \$500,000 each occurrence for all owned, non-owned and hired automobiles. In the event the Engineer does not own any automobiles the Business Auto Liability requirement shall be amended allowing Engineer to agree to maintain only Hired & Non-Owned Auto Liability. This amended requirement may be satisfied by way of endorsement to the Commercial General Liability, or separate Business auto Coverage form.

Commercial General Liability for public liability during the lifetime of this Contract shall have minimum limits of \$1,000,000 per occurrence, \$2,000,000 per aggregate, for Personal Injury, Bodily Injury, and Property Damage Liability. Coverage shall include Premises and/or Operations, Independent Contractors, Products and/or Complete Operations, Contractual Liability and Broad Form Property Damage Endorsements. Coverage shall not contain an exclusion or limitation endorsement for Contractual Liability or Cross Liability. All insurance policies shall be issued from a company or companies duly licensed by the State of Florida. All policies shall be on a per project occurrence-made basis; the City shall not accept claims-made policies. Specific endorsements will be requested depending upon the type and scope of work to be performed.

The Engineer shall agree to maintain Professional Liability, or equivalent Errors & Omissions Liability at a limit of liability not less than \$1,000,000 Per Occurrence. When a self-insured retention (SIR) or deductible exceeds \$10,000 the City reserves the right, but not the obligation, to review and request a copy of Engineer's most recent annual report or audited financial statement. For policies written on a "Claims-Made" basis, the Engineer warrants the retroactive date equals or precedes the effective date of this Contract. In the event the policy is canceled, non-renewed, switched to an Occurrence Form, retroactive date advanced, or any other event triggering the right to purchase a Supplemental Extended Reporting Period (SERP) during the life of this Contract, Engineer shall agree to purchase a SERP with a minimum reporting period not less than three (3) years.

Except as to Workers' Compensation and Employers' Liability, said Certificate(s) and Policies shall clearly state that coverage required by the contract has been endorsed to include the City of Port St. Lucie, a political subdivision of the State of Florida, its officers, agents and employees as Additional Insured with a CG 2026-Designated Person or Organization endorsement, or similar endorsement, to its Commercial General Liability and Automobile Liability Policies. The name for the Additional Insured endorsement issued by the insurer shall read "City of Port St. Lucie, political subdivision of the State of Florida, its officers, employees and agents, and Contract #20120027. The Certificate of Insurance and Policy shall unequivocally provide thirty (30) days written notice to the City prior to any adverse changes, cancellation, or non-renewal of coverage thereunder. Said liability insurance must be acceptable by and approved by the City as to form and types of coverage. In the event that the statutory liability of the City is amended during the term of this Contract to exceed the above limits, the Engineer shall be required, upon thirty (30) days written notice by the City, to provide coverage at least equal to the amended statutory limit of liability of the City.

Engineer shall agree by entering into this Contract to a Waiver of Subrogation for each required policy. When required by the insurer, or should a policy condition not permit an Insured to enter into a pre-loss agreement to waive subrogation without an endorsement then Engineer shall agree to notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy where a condition to the policy specifically prohibits such an endorsement, or voids coverage should Engineer enter into such an agreement on a pre-loss basis.

It shall be the responsibility of the Engineer to insure that all subconsultants comply with the same insurance requirements referenced above.

All deductible amounts shall be paid for and be the responsibility of the Engineer for any and all claims under this Contract.

The Engineer may satisfy the minimum limits required above for Commercial General Liability, Business Auto Liability, and Employers' Liability coverage under Umbrella or Excess Liability. The Umbrella or Excess Liability shall have an Aggregate limit not less than the highest "Each Occurrence" limit for Commercial General Liability, Business Auto Liability, or Employers' Liability. When required by the insurer, or when Umbrella or Excess Liability Policy is written on "Non-Follow Form," the City shall be endorsed as an "Additional Insured."

The City, by and through its Risk Management Department, reserves the right, but not the obligation, to review and reject any insurer providing coverage.

SECTION VI PROHIBITION AGAINST FILING OR MAINTAINING LIENS AND SUITS

Subject to the laws of the State of Florida and of the United States, neither Engineer nor any subconsultant, supplier of materials, laborer or other person shall file or maintain any lien for labor or materials delivered in the performance of this Contract against the City. The right to maintain such lien for any or all of the above parties is hereby expressly waived.

SECTION VII WORK CHANGES

The City reserves the right to order work changes in the nature of additions, deletions or modifications without invalidating the Contract, and agrees to make corresponding adjustments in the Contract price and time for completion. All changes will be authorized by a written change order signed by the Director of OMB or his designee as representing the City. Work shall be changed and the contract price and completion time shall be modified only as set out in the written change order. Any adjustment in the contract price resulting in a credit or a charge to the City shall be determined by mutual agreement of the parties.

SECTION VIII COMPLIANCE WITH LAWS

The Engineer shall give all notices required by and shall otherwise comply with all applicable laws, ordinances and codes and shall, at his own expense, secure and pay the fees and charges for all licensing required for the performance of his work. All materials furnished and work done is to comply with all local, state and federal laws and regulations.

SECTION IX ADDITIONAL REQUIREMENTS

In the event of any conflict between the terms and conditions, appearing on any purchase order or work authorization issued relative to this Contract, and those contained in this Contract and the RFP herein referenced, the terms of this Contract and RFP herein referenced shall apply.

SECTION X LICENSING

Engineer warrants that he possesses all licenses and certificates necessary to perform required work and is not in violation of any laws. Engineer warrants that his license and certificates are current and will be maintained throughout the duration of the contract.

SECTION XI SAFETY PRECAUTIONS

Precaution shall be exercised at all times for the protection of persons, including employees, and property. All plans and construction must be ADA compliant. The safety provisions of all applicable laws and building and construction codes shall be observed. The selected Proposer will submit all proposals in compliance with the 28 C.F.R. § 35.151. Where ADA and Florida Building Codes do not agree the most stringent applies or ADA supersedes.

SECTION XII ASSIGNMENT

Engineer shall not delegate or subcontract any part of the work under this Contract or assign any monies due him hereunder without first obtaining the written consent of the City.

SECTION XIII TERMINATION

If the Engineer refuses or fails to prosecute the work with such diligence as will insure its completion within the time specified in this Contract, or as may be modified in accordance with this Contract, the City by written notice to the Engineer, may terminate Engineer's rights to proceed. On such termination, the City may take over the work and prosecute the same to completion, by contract or otherwise, and the Engineer and his sureties shall be liable, jointly and severally to the City for any additional cost incurred by it in its completion of the work.

The City may terminate this Contract with or without cause by giving the Engineer a thirty (30) days notice in writing. Upon delivery of said notice and upon expiration of the thirty (30) day period, the Engineer shall discontinue all services in connection with the performance of this Contract and shall proceed to cancel promptly all related existing third party contracts. Termination of the Contract by the City pursuant to this paragraph shall terminate all of the City's obligations hereunder. In the event of termination, the Engineer will be paid for all services rendered to the date of termination, all expenses subject to reimbursement hereunder.

SECTION XIV LAW AND VENUE

This Contract is to be construed as though made in and to be performed in the State of Florida and is to be governed by the laws of Florida in all respects without reference to the laws of any other state or nation. The venue of any action taken pursuant to this Contract shall be in St. Lucie County, Florida.

SECTION XV APPROPRIATION APPROVAL

The Engineer acknowledges that the City of Port St Lucie's performance and obligation to pay under this contract is contingent upon an annual appropriation by the City Council. The Engineer agrees that, in the event such appropriation is not forthcoming, this Contract may be terminated by the City and that no charges, penalties or other costs shall be assessed.

**SECTION XVI
RENEWAL OPTION**

Not Applicable

**SECTION XVII
ENTIRE AGREEMENT**

The written terms and provisions of this contract shall supersede all prior verbal statements of any official or other representative of the City. Such statements shall not be effective or be construed as entering into, or forming a part of, or altering in any manner whatsoever, this contract or contract documents.

**SECTION XVIII
TRUTH-IN-NEGOTIATIONS**

In accordance with the provisions of Section 287.055, Florida Statutes, the Engineer agrees to execute a truth-in-negotiations certificate and agrees that the original contract price and any additions may be adjusted to exclude any significant sums by which the contract price was increased due to inaccurate, incomplete or non-current wage rates and other factual unit costs.

**SECTION XIV
CONFLICT OF INTEREST**

The City hereby acknowledges that the Engineer may be performing professional services for private developers within the Treasure Coast area. Should a conflict of interest arise between providing services to the City and/or other clients, the Engineer shall terminate its relationship with the other client to resolve the conflict of interest. The City Manager shall determine whether a conflict of interest exists. At the time of each Project Proposal the Engineers shall disclose all of their Treasure Coast clients and related Scope of Work.

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TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT

STATE OF FLORIDA §
COUNTY OF ST. LUCIE §

Before me, the undersigned authority, personally appeared affiant _____
who being first duly sworn, deposes and says:

1. That the undersigned firm is furnishing this Truth in Negotiation Certificate pursuant to Section 287.055(5)(a) of the Florida Statutes for the undersigned firm to receive an agreement for professional services with the City of Port St. Lucie, St. Lucie County, Florida.

2. That the undersigned firm is a corporation which engages in furnishing professional architect and engineering services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide professional services for a project known as #20120027, Design and Permitting of Melaleuca Boulevard Sidewalk.

3. That the undersigned firm has furnished the City of Port St. Lucie, St. Lucie County, Florida a detailed analysis of the cost of the professional services required for the project.

4. That the wage rate information and other factual unit cost, which the undersigned firm furnished, were accurate, complete and current at the time the undersigned firm and the City of Port St. Lucie entered into the agreement for professional services on the project.

5. That the agreement which the undersigned firm and the City of Port St. Lucie entered into on this job contained a provision that the original agreement price and any additions thereto shall be adjusted to include any significant sums by which the City of Port St. Lucie determines the agreement price was increased due to inaccurate, incomplete or non-current wage rates or other factual unit cost and that all such agreement adjustments shall be made within one (1) year following the end of the agreement.

FURTHER AFFIANT SAYETH NAUGHT

Name of Firm

By: _____
President

The foregoing instrument was acknowledged before me by _____
who has produced _____ as identification or is personally known to me.

WITNESS my hand and official seal in the State of County last aforesaid this _____ day of _____, 20__.

(SEAL)

Signature

Notary Name (typed or printed)

Title or Rank

IN WITNESS WHEREOF, the parties have executed this contract at Port St. Lucie, Florida, the day and year first above written.

CITY OF PORT ST. LUCIE FLORIDA

By: _____
City Manager

ATTEST:
By: _____
City Clerk

By: _____
Authorized Representative of .)

State of: _____

County of: _____

Before me personally appeared: _____)
(please print)

Please check one:

Personally known _____

Produced Identification: _____
(type of identification)

Identification No. _____

and known to me to be the person described in and who executed the foregoing instrument, and acknowledged to and before me that _____ executed said instrument for the purposes therein expressed.

(s/he)

WITNESS my hand and official seal, this _____ day of _____, 2012.

Notary Signature

Notary Public-State of _____ at Large.

My Commission Expires _____
(seal)

**QUESTIONNAIRE
E-Bid #20120027**

**Design and Permitting of
Melaleuca Boulevard Sidewalk
Lennard Road to Green River Parkway**

It is understood and agreed that the following information is to be used by the City of Port St. Lucie to determine the qualifications of personnel and firm as presented in this document. The Proposer waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Proposer or the personnel of the Proposer.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Consultant, Surety, bank material or equipment manufacturer or distributor, or any person, firm or corporation to furnish the City of Port St. Lucie any Pertinent information requested by the City deemed necessary to vary the information on this questionnaire.

Dated this _____ day of _____, 2012

Name of Organization / Proposer

(This is a word document please add space as needed.)

1. Firm's office address, telephone, fax number, e-mail address and contact person for this project.
(This is a word document add lines as needed)

2. Where is your assigned staff's office located for this project and what is your response time to the site for resolution of design issues indentified during construction.
(This is a word document add lines as needed)

3. Does your firm accept payment by Credit Card (yes or no)? _____

4. List FDOT prequalification(s), applicable to this project, held by the firm.
(This is a word document add lines as needed)

5. List subconsultants, if applicable, proposed for this project.

Firm Name	Type of Work	Years Experience	Office Location	FDOT Pre-qualifications

(This is a word document add lines as needed)

6. List the design projects awarded by the City to your firm in past 12 months and your firm amount.

Project	Date of Award	Responsibility	Is Work Completed?	Amount of Contract
Total Amount				

(This is a word document add lines as needed)

7. List past five (5) years of litigation history.
 (This is a word document add lines as needed)

8. List applicable credentials of the staff assigned to this project.

Staff Name	Title	Years Experience	Licenses	Certifications	Other

(This is a word document add lines as needed)

9. List the experience of the staff assigned to this project with the design of sidewalks on a residential corridor with swale drainage.

Staff Name	Company	Project Name & Description	Project Owner and Telephone Number

(This is a word document add lines as needed)

10. List the experience of the staff assigned to this project with FDOT LAP Projects.

Staff Name	Role	Project Name & Description	Project Owner and Telephone Number

(This is a word document add lines as needed)

11. Identify and discuss the challenges and issues associated with the design of the Melaleuca Boulevard Sidewalk. Include discussions about the design, innovative ideas, public notification, meeting the deadlines, complying with the FDOT LAP requirements, and meeting the City’s design budget.

(This is a word document add lines as needed)

12. Please provide a draft scope of work describing the services required to complete the design and permitting of the project.

(This is a word document add lines as needed)

ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued,

CERTIFICATION:

This E-Bid is submitted by: Name (print) _____ who is an officer of the above firm duly authorized to sign proposals and enter into contracts. I certify that this E-Bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards. I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20100050.

I agree to abide by all conditions of this E-Bid.:

Signature Title

If a corporation renders this E-Bid, the corporate seal attested by the secretary shall be affixed below. Any agent signing this E-Bid shall attach to this form evidence of legal authority.

Witnesses:

If Partnership:

Print Name of Firm
By: _____
(General Partner)

If Individual:

Signature

Print Name

If Corporation:

Print Name of Corporation
By: _____
(President)
Attest: _____
(Secretary)

Activity ID	RESP	Activity Name	Orig. Dur.	Rem. Dur.	Activity % Complete	Start	Finish	Late Start	Late Finish	Total Float
3T07701230	AG	Agency Submits Invoices for FDOT to Process	200.0	200.0	0%	12/17/13 08:00 AM	09/30/14 05:00 PM	10/28/13 08:00 AM	08/13/14 05:00 PM	-33.0
3T07701240	AG	Agency Submits Final Invoice and Final Inspection/Acceptance Form	20.0	20.0	0%	10/01/14 08:00 AM	10/28/14 05:00 PM	08/14/14 08:00 AM	09/11/14 05:00 PM	-33.0
Project Manager										
3T07701270	CC	FDOT Issues Bid Concurrence	5.0	5.0	0%	08/05/13 08:00 AM	08/09/13 05:00 PM	06/24/13 08:00 AM	06/28/13 05:00 PM	-29.0
3T02500100	CC	LAP Complete	0.0	0.0	0%		11/26/14 05:00 PM*		10/09/14 05:00 PM	-33.0
3T07701260	CC	FDOT Submits Close-out Package/Prepares Contract Status Change	20.0	20.0	0%	10/29/14 08:00 AM	11/26/14 05:00 PM	09/12/14 08:00 AM	10/09/14 05:00 PM	-33.0
427656.2 MELALEUCA BLVD PH 2 FROM BERKSHIRE BLVD TO GREEN RIVER PARKWAY										
MELALEUCA BLVD PH 2 FROM BERKSHIRE BLVD TO GREEN RIVER PARKWAY										
Sequence 01										
Program Management										
Initial Document Review										
Project Manager										
AB29901010	CC	Assign Project Manager	1.0	0.0	100%	01/03/11 08:00 AM A	01/03/11 05:00 PM A			
AB57002010	CC	Project Planning and Programming	90.0	0.0	100%	01/10/11 08:00 AM A	01/12/11 05:00 PM A			
AB25001020	CC	Project Kickoff Meeting	1.0	0.0	100%	06/15/11 08:00 AM A	06/15/11 05:00 PM A			
AB23599020	CC	FDOT Submits Initial Phase for ERC Review	1.0	1.0	0%	04/12/12 08:00 AM	04/12/12 05:00 PM	04/13/12 08:00 AM	04/13/12 05:00 PM	1.0
Agency										
AB06199020	AG	Agency Submits Preliminary Phase	1.0	0.0	100%	04/19/11 08:00 AM A	04/19/11 05:00 PM A			
AB06101030	AG	Agency Prepares Initial Plans	100.0	66.0	34%	05/01/11 08:00 AM A	04/10/12 05:00 PM	01/09/12 08:00 AM	04/10/12 05:00 PM	0.0

Activity ID	RESP	Activity Name	Orig. Dur.	Rem. Dur.	Activity % Complete	Start	Finish	Late Start	Late Finish	Total Float
AB17288100	CC	FDOT Submit LAP Construction Checklist to Tallahassee	1.0	1.0	0%	10/03/12 08:00 AM	10/03/12 05:00 PM	11/30/12 08:00 AM	11/30/12 05:00 PM	40.0
AB36199270	CC	FDOT Submits Constructability Phase for ERC Review	1.0	1.0	0%	10/03/12 08:00 AM	10/03/12 05:00 PM	10/03/12 08:00 AM	10/03/12 05:00 PM	0.0
AB45701120	CC	FDOT Approves Production Package (100% Signed and Sealed Plans)	15.0	15.0	0%	12/04/12 08:00 AM	12/24/12 05:00 PM	12/04/12 08:00 AM	12/24/12 05:00 PM	0.0
AB07701110	CC	FDOT Prepares LAP Agreement	20.0	20.0	0%	12/26/12 08:00 AM	01/24/13 05:00 PM	12/26/12 08:00 AM	01/24/13 05:00 PM	0.0
AB07702110	CC	FDOT Sends LAP agreement to Agency	1.0	1.0	0%	01/25/13 08:00 AM	01/25/13 05:00 PM	01/25/13 08:00 AM	01/25/13 05:00 PM	0.0
AB45401130	CC	FDOT Encumbrance (LAP Commitment)	1.0	1.0	0%	02/08/13 08:00 AM*	02/08/13 05:00 PM*	02/08/13 08:00 AM	02/08/13 05:00 PM	0.0
AB06101150	CC	FDOT Legal Review of Signed LAP Agreement	5.0	5.0	0%	03/18/13 08:00 AM	03/22/13 05:00 PM	03/18/13 08:00 AM	03/22/13 05:00 PM	0.0
AB77011140	CC	FDOT Executes LAP Agreement	5.0	5.0	0%	03/25/13 08:00 AM	03/29/13 05:00 PM	03/25/13 08:00 AM	03/29/13 05:00 PM	0.0
AB23401080	CC	FDOT Issues LAP NTP to Agency	1.0	1.0	0%	04/01/13 08:00 AM	04/01/13 05:00 PM	04/01/13 08:00 AM	04/01/13 05:00 PM	0.0
Agency										
AB16199260	AG	Agency Prepares Constructability Plans	120.0	120.0	0%	04/12/12 08:00 AM	10/01/12 05:00 PM	04/12/12 08:00 AM	10/01/12 05:00 PM	0.0
AB06199140	AG	Agency Submits Constructability Phase	1.0	1.0	0%	10/02/12 08:00 AM	10/02/12 05:00 PM	10/02/12 08:00 AM	10/02/12 05:00 PM	0.0
AB36199280	AG	Agency Responds to Constructability Phase ERC comments	20.0	20.0	0%	11/01/12 08:00 AM	11/30/12 05:00 PM	11/01/12 08:00 AM	11/30/12 05:00 PM	0.0
AB06199150	AG	Agency Submits Production Package (100% Signed and Sealed Plans)	1.0	1.0	0%	12/03/12 08:00 AM*	12/03/12 05:00 PM*	12/03/12 08:00 AM	12/03/12 05:00 PM	0.0
AB07701130	AG	Agency Signs and Returns LAP Agreement	50.0	50.0	0%	01/26/13 08:00 AM	03/16/13 05:00 PM	01/27/13 08:00 AM	03/17/13 05:00 PM	1.0













