

**PORT ST. LUCIE CITY COUNCIL
AGENDA ITEM REQUEST**

COUNCIL ITEM 131
DATE 9/26/11

Meeting Date: September 26, 2011

Public Hearing Ordinance Resolution Motion

Item: #20110088R, Rebid Construction Engineering Inspection for Loutus Pond

Recommended Action:

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

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

Copies of the Bid tabulation Report, Proposals, Specifications, Committee Scores, Minutes, 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 August 26, 2011 for the Re-bid of the CEI for Loutus Pond to firms that were awarded contracts under Master contract #20080132 and 20100113. A proposal notification was sent to 69 suppliers and 15 firms requested proposals. The proposal was opened September 6, 2011 at 4:00 P.M. and 6 firms responded. The evaluation committee met September 13, 2011 at 2:30 P.M. and as a consensus short listed and scored the following firms as follows: Hill International, Captec, Culpepper & Terpening, Creech, Corradino and R.J. Behar. The evaluation committee decided to conduct interviews with the 3 top scored firms. The evaluation committee held question and answers with the 3 topped scored firms on September 16, 2011 at 9:00 A.M. and consensus ranked the firms as follows: #1 Hill International, #2 Captec and #3 Culpepper & Terpening. The committee considered the cost saving ideas presented, innovation, schedule, sequencing, approach and knowledge of CEI concerns with anticipated contractor. Even though the project is a professional service and the City policy and Federal Grant excludes a local preference, Hill International's Senior Inspector lives within the City limits and will respond to an emergency in less than 10 minutes. The need for the above is:

Purchase is not a replacement

Purchase is budgeted.

Department requests expenditure from the following:

Fund	403	EWIP Fund
Cost Center	4126	Street & Drainage
Object Code	568813	Capital improvement
Project	TBA	CEI Loutus Pond

Director of OMB concurs with award: _____ minutes to make a presentation.

ARP

City Manager concurs with award: Department requests

JAB

Submitted by:

Representing Committee

Date Submitted 9/20/11

RECEIVED

SEP 27 2011

City Manager's Office

Interview Committee
RFP #20110088R
Rebid CEI Loutus Pond
September 16, 2011 @ 9:00:00 AM

	Name (Please PRINT Legibly)	Company Name Or Entity
1	Cheryl Shanaberger	City of PSL-OMB
2	JIM ANGSTADT	CITY OF PSL-ENG
3	Larry Nadeau	" " " "
4	RAY FARCAS	HILL INT'L
5	RHETT KEENE	CAPTEC
6	Tom Terpening	C&T
7	Joe CAPLA	CAPTEC
8	Butch Terpening	C&T
9	Kevin Trepier	C&T
10	MARCO DIMITROU	C&T
11	Fred Jones	C&T
12	Steve Mix	Hill
13	DAN SOKOL	HILL INTL.
14	Kevin Smith	A.A.C.E. / captec
15	GARY JONES	CAPTEC
16	Clark Cryderman	CAPTEC
17	Clyde Coffey	CITY OF PSL
18	Dease Burton	CITY OF PSL
19		
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24		
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26		

Evaluation Committee Minutes
RFP #20110088R
Rebid CEI Loutus Pond
September 13, 2011 @ 2:30 PM

In attendance:

City Staff:

Cheryl Shanaberger, OMB
Denise Burton, Utilities
Larry Nadeau, Public Works
Clyde Cuffy, Engineering
Melissa Lunsford, OMB (Taking minutes)

Outside Agencies:

Gary Jones, Captec
Joe Capra, Captec
Butch Terpening, C&T

Good afternoon ladies and gentlemen this is the evaluation committee for the CEI Loutus Pond Contract #20110088R. I have passed around a sign in sheet; please make sure you have signed in. I will now pass around the individual scores of the committee members. The purpose of this meeting today is to select three firms for question and answer interviews. Make sure there are no big discrepancies in the scores.

Committee agreed to keep initial scores as group scores.

The evaluation committee has agreed the top three companies are as follows:

- **Hill**
- **Captec**
- **Culpepper & Terpening**

Meeting adjourned.

20110088 CEI Loutus
Group Scores

		CC		DB		LN		TOTAL
Captec								
Criterion	WTG	Points	Total	Points	Total	Points	Total	
Assigned Staff Qual CEI	6	4	24	3	18	5	30	
Firms Exp	6	4	24	4	24	5	30	
Challenges for this project	3	4	12	4	12	5	15	
Innovation	2	4	8	4	8	5	10	
Emergency Response Time	1	4	4	5	5	5	5	
P-card	5	1	5	1	5	1	5	
Total			77		72		95	244
Ranking								
Corradino								
Criterion	WTG	Points	Total	Points	Total	Points	Total	
Assigned Staff Qual CEI	6	4	24	4	24	5	30	
Firms Exp	6	4	24	3	18	4	24	
Challenges for this project	3	3	9	3	9	4	12	
Innovation	2	3	6	2	4	4	8	
Emergency Response Time	1	4	4	5	5	5	5	
P-card	5	1	5	1	5	1	5	
Total			72		65		84	221
Ranking								
Creech								
Criterion	WTG	Points	Total	Points	Total	Points	Total	
Assigned Staff Qual CEI	6	4	24	3	18	5	30	
Firms Exp	6	4	24	3	18	4	24	
Challenges for this project	3	4	12	3	9	4	12	
Innovation	2	3	6	3	6	5	10	
Emergency Response Time	1	4	4	5	5	5	5	
P-card	5	1	5	1	5	1	5	
Total			75		61		86	222
Ranking								
C & T								
Criterion	WTG	Points	Total	Points	Total	Points	Total	
Assigned Staff Qual CEI	6	4	24	3	18	5	30	
Firms Exp	6	4	24	4	24	5	30	
Challenges for this project	3	5	15	4	12	5	15	
Innovation	2	4	8	2	4	5	10	
Emergency Response Time	1	4	4	5	5	5	5	
P-card	5	1	5	1	5	1	5	
Total			80		68		95	243
Ranking								

20110088 CEI Loutus
Group Scores

		CC		DB		LN		TOTAL
Hill International								
Criterion	WTG	Points	Total	Points	Total	Points	Total	
Assigned Staff Qual CEI	6	4	24	4	24	5	30	
Firms Exp	6	4	24	4	24	5	30	
Challenges for this project	3	5	15	5	15	5	15	
Innovation	2	4	8	5	10	5	10	
Emergency Response Time	1	4	4	5	5	5	5	
P-card	5	1	5	1	5	1	5	
Total			80		83		95	258
Ranking								
R.J. Behar								
Assigned Staff Qual CEI	6	4	24	3	18	4	24	
Firms Exp	6	4	24	2	12	5	30	
Challenges for this project	3	3	9	3	9	3	9	
Innovation	2	4	8	2	4	5	10	
Emergency Response Time	1	4	4	5	5	5	5	
P-card	5	1	5	1	5	1	5	
Total			74		53		83	210
Ranking								
Captec			244					
Corradion			221					
Creech			222					
C & T			243					
Hill International			258					
R J Behar			210					
Committee selected 3 firms for Q & A on 9/16 at 9 A.M.:								
Hill, Captec & C & T								

Rebid CEI Loutus

Evaluation Committee Individual

Scores

	CC		DB		LN		TOTAL
Hill International							
Criterion	WTG	Points	Total	Points	Total	Points	Total
Assigned Staff Qual CEI	6	4	24	4	24	5	30
Firms Exp	6	4	24	4	24	5	30
Challenges for this project	3	5	15	5	15	5	15
Innovation	2	4	8	5	10	5	10
Emergency Response Time	1	4	4	5	5	5	5
P-card	5	1	5	1	5	1	5
Total			80		83		95
Ranking							
R.J. Behar							
Assigned Staff Qual CEI	6	4	24	3	18	4	24
Firms Exp	6	4	24	2	12	5	30
Challenges for this project	3	3	9	3	9	3	9
Innovation	2	4	8	2	4	5	10
Emergency Response Time	1	4	4	5	5	5	5
P-card	5	1	5	1	5	1	5
Total			74		53		83
Ranking							
Captec		244					
Corradion		221					
Creech		222					
C & T		243					
Hill International		258					
R J Behar		210					
Committee selected 3 firms for Q & A on 9/16 at 9 A.M.:							
Hill, Captec, C & T							

Evaluation Committee
RFP #20110088R
Rebid CEI Loutus Pond
September 13, 2011 @ 2:30:00 PM

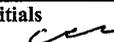
	Name (Please PRINT Legibly)	Company Name Or Entity
1	Cheryl Shanaberger	City of PSL-OMB
2	Denise Burton	City of PSL - Utilities
3	LARRY NADEAU	CITY of PSL - Eng.
4	Dale MAJEWski	CPSL - ENG
5	Clyde Cuffy	CPSL - ENG
6	GARY JONES	CAPTIVE
7	JOE CAPRA	CAPTIVE
8	Bob Terpening	Colpepper of Terpening
9	Melissa Lunsford	PSL OMB
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City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20110088R Rebid
Evaluation Committee Members / Participants

I, Clyde Cuffy, 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 the CEI Loutus Pond Rebid project during the evaluation process and before contract award.

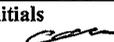
Initials 	Applicability of the Florida Sunshine Law
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I acknowledge I have been informed and am aware the State of Florida Sunshine Law applies to meetings of the evaluation committee where decisions for recommendations to the City Council apply. I further 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).

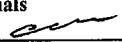
Initials 	Restricted Communications / Cone of Silence
---	--

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 . . .

Initials 	Release or Distribution of Information and/or Material
---	---

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 	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: Clyde Coffey

Date: 9/12/11

City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20110088R Rebid
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 the CEI Loutus Pond Rebid project during the evaluation process and before contract award.

Initials 	Applicability of the Florida Sunshine Law
--	--

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Initials 	Restricted Communications / Cone of Silence
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Initials

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Signature:

DLB

Printed:

Denise Burton

Date:

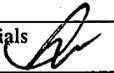
9/13/2011

City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20110088R Rebid
Evaluation Committee Members / Participants

I, Larry Nadeau, 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 the CEI Loutus Pond Rebid project during the evaluation process and before contract award.

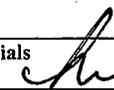
Initials 	Applicability of the Florida Sunshine Law
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Initials



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Signature:



Printed:

Larry Nadeau

Date:

September 13, 2011

Respondent: Creech

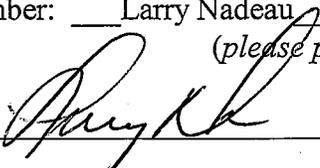
A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Primary assignment along with Chief Engineering reps for CEI? If this is factual it is very positive.			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Very good			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Good thought out approach			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Social media; very good summary; public involvement/communications			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Local			
F. Accepts Payment by P-Card	5	0 1	0 1

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: Larry Nadeau Dept.: Engineering

(please print)

Signature:  Date: September 12, 2011

Respondent: Hill International

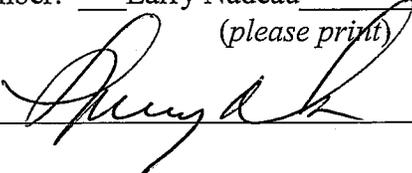
A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Clear and concise assignment of staff			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Very significant experience			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Very detailed overview of plans, sheet by sheet; detailed cost saving summary and possible additional contract costs. Estimates a cost saving of ~\$180,000			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Cost saving & pre construction plan concerns. Electronic media use.			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Staff will be relocated during services to meet response needs.			
F. Accepts Payment by P-Card	5	0 1	0 1

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Committee Member: Larry Nadeau Dept.: Engineering

(please print)

Signature:  Date: September 12, 2011

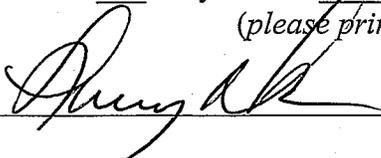
Respondent: Corradino

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Very clear assignment of staff...			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Presented good experience history			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: General overview			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: General overview			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments Local			
F. Accepts Payment by P-Card	5	0 1	0 1

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: Larry Nadeau Dept.: Engineering
(please print)

Signature:  Date: September 12, 2011

Respondent: CAPTEC

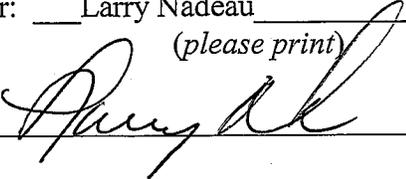
A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Assignment of staff if clear.			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Significant similar experience			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Hurricane and sever storm planning concept; Well thought out construction inspection approach.			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Insight of Martin County permit requirement, positive. AEM bid review; Meeting with residents by CEI team.			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Local			
F. Accepts Payment by P-Card	5	0 1	0 1

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: Larry Nadeau Dept.: Engineering

(please print)

Signature:  Date: September 12, 2011

Respondent: Culpepper & Terpening

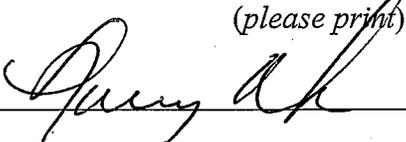
A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Clear staff assignments and detailed experiences (easy review)			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Significant			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Very detailed overview of possible work challenges. AEM bid reviews/sheet pile info. Hurricane plan considerations.			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Resident site visits. Well defined task management.			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Local			
F. Accepts Payment by P-Card	5	0 1	0 1

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: Larry Nadeau Dept.: Engineering

(please print)

Signature:  Date: September 12, 2011

Respondent: RJ Behar

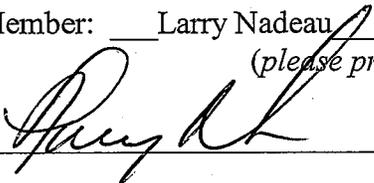
A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Assignments are reasonably clear. Primary contact is E.I., verify.			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Impressive project list			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: General details			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Webpage creation/update...electronic media. Very good summary.			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Office in Wellington. Offers to use local staff to do CEI to insure adequate response time.			
F. Accepts Payment by P-Card	5	0 1	0 1

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: Larry Nadeau Dept.: Engineering

(please print)

Signature:  Date: September 12, 2011

Respondent: Hill International

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments: pump station - stormwater pump station - wastewater stormwater ponds			
B. Firm Experience	6	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments: Ocas - stormwater pond.			
C. Project Challenges	3	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments: R/w well researched			
D. Innovation	3	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments: project hotline info meeting			
E. Emergency Response Time	1	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments: 10 minutes			
<input type="checkbox"/> Accepts Payment by P-Card <u>yes</u>			

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. 93

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

Committee Member: Denise Burton Dept.: Utilities
(please print)

Signature: [Signature] Date: 9/12/2011

Respondent: *Captec*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>bridge projects - not relevant. Surveyor. EWP /</i>			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>Pump stations EWP Tiffing canal</i>			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>Sheet pile installation / compacted of stormwater mains / Hurricane preparedness / ^{utility} addressed individual project concerns.</i>			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>monitors for area residences. Direct access to USI permit / public awareness</i>			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>5 min</i>			
F. Accepts Payment by P-Card	5	0 1	0 1

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.: *Utilities*
 (please print)

Signature: *[Signature]* Date: *9/12/2011*

Respondent: *Culpepper + Terpening.*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>stormwater ponds headwalls 1 pump station</i>			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>Village Park excavation</i>			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>Bus transportation Permits same busin & water Utilities hurricane UNknowable soils</i>			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>face to face</i>			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>5min</i>			
<input type="checkbox"/> Accepts Payment by P-Card <i>yes</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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.: *Utilities*
 (please print)

Signature: *D* Date: *9/12/2011*

18
24
12.0
6
6
65

Respondent: Corradino Group

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 <u>(4)</u> 5	0 1 2 3 4 5
Comments: <u>Patio Circle STA</u> <u>CEIP</u> <u>Elks camp slough</u> <u>Walton Rd.</u>			
B. Firm Experience	6	0 1 2 <u>(3)</u> 4 5	0 1 2 3 4 5
Comments: <u>stormwater projects</u> <u>1987-1995</u>			
C. Project Challenges	3	0 1 2 <u>(3)</u> 4 5	0 1 2 3 4 5
Comments: <u>Survey information for quantities</u> <u>communication w/contractor</u> <u>Vehicle tracking.</u> <u>Davis Bacon paperwork.</u> <u>Soil tracking.</u>			
D. Innovation	3	0 1 <u>(2)</u> 3 4 5	0 1 2 3 4 5
Comments: <u>Face to face contact.</u>			
E. Emergency Response Time	1	0 1 2 3 4 <u>(5)</u>	0 1 2 3 4 5
Comments: <u>local</u>			
F. Accepts Payment by P-Card	<u>5</u>	<u>0 1</u>	<u>0 1</u>

24
18
9
6
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 Dept.: Utilities
(please print)

Signature: [Signature] Date: 9/12/2011

02

Respondent: Creech

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 <u>3</u> 4 5	0 1 2 3 4 5
Comments: <u>Not defined project - did not describe.</u>			
B. Firm Experience	6	0 1 2 <u>3</u> 4 5	0 1 2 3 4 5
Comments: <u>Monterrey Waterway - C24 Canal Salerno creek</u>			
C. Project Challenges	3	0 1 2 <u>3</u> 4 5	0 1 2 3 4 5
Comments: <u>Erosion control notification to residents. Noise</u>			
D. Innovation	3	0 1 2 <u>3</u> 4 5	0 1 2 3 4 5
Comments: <u>good communication Internet flyers. mkt</u>			
E. Emergency Response Time	1	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments: <u>15min</u>			
F. Accepts Payment by P-Card	<u>5</u>	<u>0 1</u>	<u>0 1</u>

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.: Utilities
(please print)

Signature: D Date: 9/12/2011

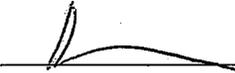
Respondent: *RJ Behar*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>drainage outfall - sewage construction wetland restoration roadway project bridge skt wall/pump station more structural exp.</i>			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>More structural exp. GADA exp. drainage exp.</i>			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>ambig of scope build in department documentation bad soil/muck critical path</i>			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>public involvement</i>			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: <i>10 minutes</i>			
F. Accepts Payment by P-Card	5	0 1	0 1
<i>yes</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. 50

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

Committee Member: *Denise Burkner* Dept.: *Utilities*
 (please print)

Signature:  Date: *9/12/2011*

Respondent: C+T

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
B. Firm Experience	6	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
C. Project Challenges	3	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments: detail plan review			
D. Innovation	3	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
E. Emergency Response Time	1	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
F. Accepts Payment by P-Card	5	0 1 1	0 1 1

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: Clyde Cuffy Dept.: Eng
 (please print)

Signature: [Signature] Date: 9/12/11

Respondent: Hill International

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
B. Firm Experience	6	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
C. Project Challenges	3	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments: <u>detailed plan review + hurricane plan</u>			
D. Innovation	3	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
E. Emergency Response Time	1	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
F. Accepts Payment by P-Card	5	0 1	0 1

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: Clyde Cuffy Dept.: Eng
 (please print)

Signature: [Signature] Date: 9/12/11

Respondent: *Captec*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
B. Firm Experience	6	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
C. Project Challenges	3	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: <i>Hurricane plan</i>			
D. Innovation	3	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
E. Emergency Response Time	1	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
F. Accepts Payment by P-Card	5	0 1 1	0 1 1

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: *Clyde Cuffy* Dept.: *Eng*
 (please print)

Signature: *[Signature]* Date: *9/12/11*

Respondent: Creech

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
B. Firm Experience	6	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
C. Project Challenges	3	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
D. Innovation	3	0 1 2 <u>3</u> 4 5	0 1 2 3 4 5
Comments:			
E. Emergency Response Time	1	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
Accepts Payment by P-Card	5	0 1	0 1

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: Clyde Cuffy Dept.: Eng
 (please print)

Signature: [Signature] Date: 9/12/11

Respondent: *Corradino*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			
B. Firm Experience	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			
C. Project Challenges	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			
D. Innovation	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			
E. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments <i>At Pierce office</i>			
F. Accepts Payment by P-Card	5	0 1	0 1

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: *Clyde Cuffy* Dept.: *Eng*
(please print)

Signature: *[Signature]* Date: *9/12/11*

Respondent: R. J. Behar

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Assigned Staff CEI Experience	6	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments: <u>Knowledge of pump stations</u>			
B. Firm Experience	6	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
C. Project Challenges	3	0 1 2 <u>3</u> 4 5	0 1 2 3 4 5
Comments:			
D. Innovation	3	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
E. Emergency Response Time	1	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments			
F. Accepts Payment by P-Card	5	0 1	0 1 1

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: Clyde Cuffy Dept.: Eng
 (please print)

Signature: [Signature] Date: 9/12/11

User: Shanaberger, CPPO, Cheryl

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

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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-20110088R-0-2011/CS
 Bid Name Construction Engineering Services for Loutus Pond
 Bid Due Date 9/6/2011 4:00:00 PM Eastern time
 Bid Opening Closed

7 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.	9/6/2011 2:22:49 PM	301 N.W. Flagler Avenue Stuart, FL 34994	\$0.00		Questionnaire	✓		Details, Documents, History
2.	Creech Engineers, Inc.	9/2/2011 2:13:42 PM	7881 SW Ellipse Way Stuart, FL 34997	\$0.00		Questionnaire	✓		Details, Documents, History
3.	Culpepper & Terpening Inc	9/6/2011 3:56:02 PM	2980 South 25th Street Ft. Pierce, FL 34981	\$0.00		Questionnaire	✓		Details, Documents, History
4.	Hill International, Inc.	9/6/2011 12:13:54 PM	8000 U.S. South Highway 1 Suite 302 Port St. Lucie, FL 34952	\$0.00	\$0.00	Questionnaire	✓		Details, Documents, History
5.	R.j. Behar & Company, Inc	9/6/2011 9:51:38 AM	6861 Sw 196th Avenue, Suite 302 Pembroke Pines, FL 33332	\$0.00		Questionnaire	✓		Details, Documents, History
6.	The Corradino Group, Inc.	9/6/2011 2:44:41 PM	2705 Peters Road Suite 50 Fort Pierce, FL 34945	\$0.00		Questionnaire	✓		Details, Documents, History
Non-Compliant									
7.	Milestone Construction Group, LLC	9/6/2011 9:09:20 AM	1391 NW St. Lucie West Blvd.; Suite 300 Port St. Lucie, FL 34986	\$0.00		Questionnaire	✓		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) Add a Planholder... Edit Planholders...

Publish Tabulation Sheet

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



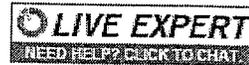
Include Non-Compliant Supplier details

.Publish as PDF Bid Documents...

User: Shanaberger, CPPO, Cheryl

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

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 Log Bid [View Bids] Log Quote View Quotes Supplier Search Build Broadcast List Reports

Bid Details

Bid Information

[EDIT](#)

Agency City of Port St. Lucie - Office of Management and Budget
 Bid Type Sealed Electronic Bid
 Bid Number EBID-20110088R-0-2011/CS
 Fiscal Year 2011
 Bid Writer Cheryl Shanaberger, CPPO
 Bid Name Construction Engineering Services for Loutus Pond
 Bid Status Under Evaluation
 Bid Status Text None
 Award To
 Due Date/Time 9/6/2011 4:00 PM Eastern
 Broadcast Date 8/26/2011
 Bid Bond
 Project Estimated Budget
 Plan (blueprint) Distribution Options None
 Distribution Method Download and Mail
 Distributed By Onvia DemandStar
 Distribution Notes None

The Engineer shall provide Construction Engineering Inspection Services for the construction of a wet detention pond drainage system in the City of Port St. Lucie. The construction project involves, but is not limited to: one stormwater detention pond, outfall structures, conveyance piping, drainage structures, maintenance of traffic (MOT), residential roadway pavement restoration, rip-rap, sidewalk, conduit & fiber optic system, pressure pipe systems, mobil pump system station, sediment & erosion control measures, sodding, pump station structural repairs, landscape restoration and all work needed to provide a complete project.

The Engineer shall provide Construction Management and Daily Inspection Services during the construction of the designed improvements and shall assist with interpretations of, and report on issues related to the construction plans and contract documents. Engineering services shall be provided for construction management support during the procurement process, review of construction documents and plans, coordination and daily field inspection and documentation of construction activities, schedule monitoring, pay item tracking and monthly progress payments, coordination of progress meetings and other project related meetings as necessary, and review of as-built drawings to facilitate construction final payment and close-out. The Engineer shall strictly enforce Compliance with all OSHA requirements by the contractor.

The Engineer shall perform the following scope of construction related services:

1. Review and become familiar with contract documents (construction plans, specifications, bid documents, permits, etc.)
2. Attend/Conduct pre-construction meeting. Prepare response to questions if necessary.
3. Review the following Contractor supplied documents for consistency with the bid documents, plans and specifications prior to site mobilization:
 - A) Construction Project Schedule
 - B) Shop Drawings
 - C) Product Specifications
 - D) Dewatering Plan
 - E) Survey Control Documentation

- F) NPDES Construction Notification
- G) Utility Coordination Documentation

4. Coordination of daily site inspection by Engineer's Resident Inspector, with the following tasks performed:

- A) Review contractor's planned activities for the day
- B) Coordinate testing of materials
- C) Summarize personnel and equipment present
- D) Observe construction materials staged onsite
- E) Observe and monitor offsite drainage and property impacts
- F) Observe and monitor erosion control measures
- G) Observe benchmarking
- H) Observe and monitor safety issues
- I) Observe and monitor maintenance of traffic
- J) Perform periodic checks of contractor's compliance with contract specification requirements
- K) Photo document site as needed
- L) Document and summarize resolution of any problems, issues, contract interpretations, etc.
- M) Complete Daily Work Reports
- N) Document pay item quantities for constructed/installed materials

- 5. Review and coordinate response for any written Contractor Requests for Information (RFIs) provided to Engineer.
- 6. Review and provide recommendations to the City on any change orders necessary to complete intent of project scope.
- 7. Review and provide recommendations to the City on the Contractor's Monthly Pay Request.
- 8. Conduct progress meetings with City and Contractor personnel to discuss construction progress and issues. It is assumed these meetings will be conducted weekly.
- 9. Conduct initial and final walk-through inspections of project with pertinent stakeholders and provide City with punch list input. Ensure correction of any deficient items noted on punch list.
- 10. Review as-built construction plans submitted by the Contractor as well as final geotechnical testing results. The as-builts will provide the basis for the certification of construction completion.
- 11. Assist the City with any public involvement efforts necessary for the project.
- 12. Review and provide the City with recommendations and resolution on any claim issue provided to Engineer by the Contractor.

E-Bidding Yes

E-Bidding

EDIT

View Supplier Info on Tabulation Sheet prior to bid opening Yes

Required Documents 1. Questionnaire

Legal Ad

VIEW

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

Pre-Bid Conference

NONE

Publications

No Publications Data Found

Documents

EDIT

Bid Package 20110088R Questionnaire (Complete)
Addendum #1 (1 Page, Complete)
Addendum # 2 (1 Page, Complete)

Commodity Codes

ARC-907-75 - Site Assessment and Site Field Observation

Statistics

Planholders There are 15 planholders for this bid

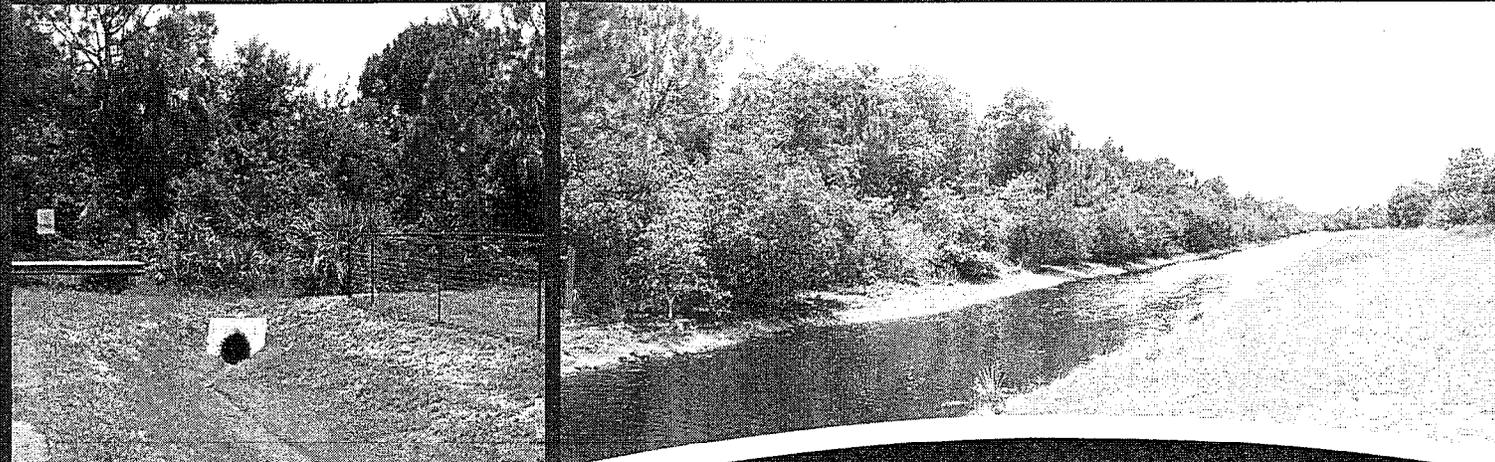
Broadcast List 69 suppliers have been notified

Supplemental Suppliers 0 Supplemental Suppliers

Filtered Yes

Post-Bid Viewers 6 viewer(s)

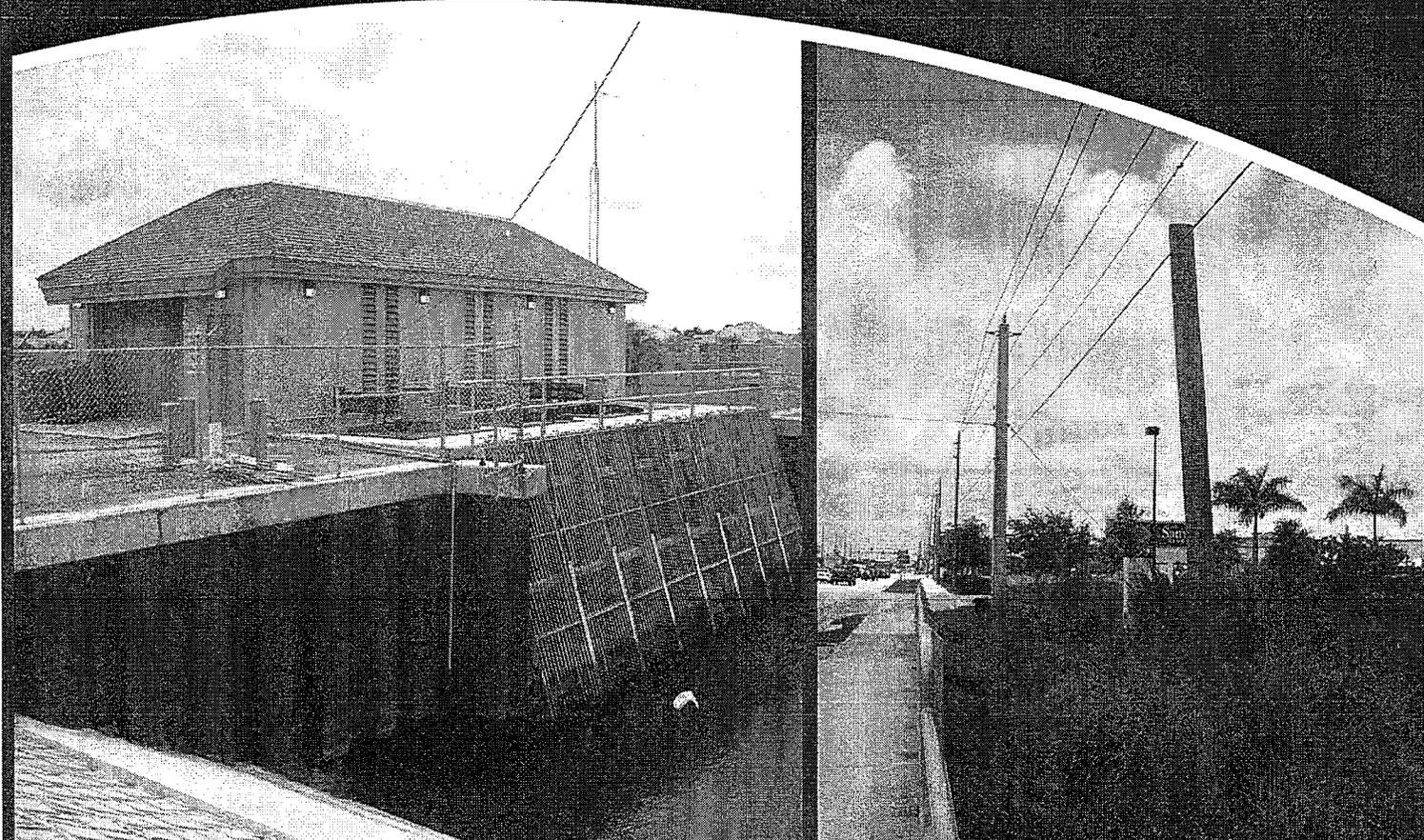
<< Return



City of Port St. Lucie

Construction Engineering Inspections – Loutus Pond (Re-bid)

September 6, 2011 | Sealed Electronic Proposal #20110088R



The Global Leader in Managing Construction Risk



Hill International



Hill International

Hill International, Inc.
8000 U.S. South Highway 1
Suite 302
Port St. Lucie, FL 34952
Tel: 772-925-3210
www.hillintl.com

September 6, 2011

Cheryl Shanaberger
Office of Management & Budget
City of Port St. Lucie
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984-5099

Subject: Sealed Electronic Proposal No. 20110088R | CEI Services for Loutus Pond

Dear Ms. Shanaberger:

Hill International, Inc. (Hill) is pleased to re-submit our Sealed Electronic Proposal for Construction Engineering Services for the City of Port St. Lucie's Loutus Pond project. We are a local and national provider of Construction Engineering and Inspection (CEI) Services, and have extensive experience in providing CEI services for public agencies including cities, counties, and DOTs. We are currently in the close-out phase of providing similar CEI services for the City's Port St. Lucie Blvd. Reconstruction Project, which has been a very successful project, and we are proposing the same team, Ray Farcas, PE – Project Manager, and Steve Mix – Senior Inspector, for this project. We have additional inspection staff available as needed to support Mr. Farcas and Mr. Mix.

Our staff members have extensive experience with detention pond drainage system projects, encompassing such elements as outfall structures, conveyance piping, drainage structures, maintenance of traffic (MOT), roadway pavement restoration, pressure pipe systems, pump stations, sediment and erosion control measures, and landscape restoration. We understand the importance of public outreach during projects such as this, and we will work to implement a public outreach program that assures the public and business owners are aware of the construction schedule, relevant project information, and upcoming MOT phases. We will carefully review the Contractor's work to ensure compliance with all contract documents, including Federal EEO and Labor provisions, while protecting the interest of the City and minimizing risk.

Why Hill

- We have a proven track record with the City of Port St. Lucie
- We have thoroughly reviewed the plans/contract documents and have identified multiple constructability issues
- We have identified over \$180,000 in cost savings ideas, which would save 6.5% of construction costs
- We are familiar with City personnel and protocol and are ready to hit the ground running
- We have experience with this exact type of project

We look forward to continuing to provide CEI services to the City of Port St. Lucie. Should you have any questions, or require additional information, please feel free to contact me directly at 904-838-6752 or via e-mail at danielsokol@hillintl.com

Sincerely,

Daniel P. Sokol
Vice President

cc: S. Richter, Hill

Questionnaire

Questionnaire E-Bid #20110088R CEI for Loutus Pond

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 6th day of September, 2011

Hill International, 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

Hill International, Inc.
8000 U.S. South Highway 1, Suite 302, Port St. Lucie, FL 34952
Tel.: 772-925-3210
Daniel P. Sokol, PE – Vice President
danielsokol@hillintl.com

2. What is the experience of staff that will be assigned to this project in CEI for this type scope?

Staff Name	Title	Years Description Experience
Raymond Farcas, PE	Project Manager	13 years total experience

Mr. Farcas' areas of expertise include project and construction management, contract administration, claims analysis, critical path method (CPM) scheduling, estimating, and constructability reviews of civil engineering projects. Mr. Farcas is responsible for managing project staffing and budget, and has overall contract administration duties for his projects. Acting as a liaison among owners, design consultants, and general contractors, Mr. Farcas ensures the execution of procedures, specifications, and standards. In addition, Mr. Farcas is well versed in compliance with Federal, ARRA, LAP, and LPA programs, and is certified as a Construction Claims Specialist to assist in preparing and responding to claims as well as administration of mitigation and claims avoidance techniques.

Licenses / Certificates:

- Professional Engineer, Florida, #62673
- Professional Engineer, Ohio, #68081
- FDEP Storm Water Management
- FDOT CTQP Asphalt Level I & II
- FDOT CTQP Final Estimate Level I & II
- FDOT CTQP QC Manager
- FDOT Advanced MOT
- NTI-QA/QC in Transit
- OSHA 10-Hour
- OSHA 8-Hour Crane Safety
- Certificate, Construction Claims Specialist

Relevant Project Experience:

Port St. Lucie Boulevard Reconstruction Project, Port St. Lucie, FL: \$0.6 million ARRA funded and LAP administered project included the reconstruction of a six-lane divided roadway, between SW Greco Lane and SW Sansom Lane, utilizing black base. Work also included installation of new drainage structures and under drains, desilting of the existing pipe, sealing existing drainage structures, and construction of new curb and gutter, sidewalks in strict compliance with ADA standards, and ditch pavement. Mr. Farcas' duties comprised contract administration, public outreach, and documentation and reporting of ARRA and LAP requirements.

SR40/Silver Springs Stormwater Pollution Reduction Project, Ocala, FL: This \$1.6 million project, which was funded by grants from the Florida Department of Environmental Protection (FDEP), St. Johns River Water Management District (SJRWMD), and Florida Department of Transportation (FDOT) consisted of constructing a reinforced concrete pump station and pollution reduction facility that collected stormwater from SR 40 and filtered trash and sediment prior to pumping the effluent approximately 0.5 mile to a new retention basin located within a park. Pipe installations ranged from 20," C-905 DR25 to 66" RCP. The basin was constructed such that it did not disturb high-density lithologic areas and an old lumber mill archaeological resource area. Mr. Farcas was responsible for overseeing field inspection operations and coordinating with FDOT to provide final certification of the project to ensure that the County received its grant funding reimbursement. He also recommended approval of the monthly schedules, cost estimates, change orders, time extensions, claims submissions, and nonconformance issues.

Belle Terre Parkway Four-Laning, Palm Coast, FL: \$27 million project involved the widening and/or reconstruction of 4.1 miles of the Belle Terre Parkway. Works included asphalt pavement, concrete retaining walls, installation of 7.4 miles of drainage pipe ranging from 18 to 72 inches, new concrete curb and gutter, ADA sidewalks and ramps, and driveway aprons. The project also consisted of landscaping and irrigation, sanitary pump station and water works improvements and 150,000 CY of excavation for 4 new storm water detention facilities. During the preconstruction phase, Mr. Farcas conducted constructability reviews and evaluated alternative bid formats. He also performed full contract administration duties, managed a public outreach program, coordinated utility relocations, and oversaw staff throughout construction.

I-75 Rest Area Water Treatment Facility, Sumter County, FL: This FDOT D5 project consisted of construction of a new, in ground, pre-cast, concrete wastewater treatment plant at the I-75

southbound rest area followed by the demolition of the existing treatment plant. The new facility was constructed of prefabricated 5000 psi, reinforced concrete sections, is designed to flow an average of 30,000 GPD and handle a 104 GPM peak flow with a 16 hour run off period while utilizing state of the art technology. Mr. Farcas was in charge of the field inspection staff and assured compliance with all contract documents.

Staff Name	Title	Years Description Experience
Stephen Mix	Senior Inspector	35 years total experience

Mr. Mix has over 35 years of varied experience as a senior inspector, quality control manager, office engineer, construction inspector, and construction surveyor in highway, bridge and building construction projects, including: railroads, parking garage, sanitary sewer lift stations, storm sewer and earth wall projects. Mr. Mix's responsibilities include overseeing contractor's operations to ensure compliance with the contract documents, enforcing proper inspection and quality control requirements, as well as preparing daily reports, including field inspection reports, QA/QC reports, NCR's, and measuring and tracking daily quantity reports.

Licenses / Certificates:

- FDEP Storm Water Management
- FDOT CTQP Asphalt Level I & II
- FDOT CTQP Final Estimate Level I & II
- FDOT CTQP Earthwork Level I & II
- FDOT CTQP QC Manager
- FDOT Intermediate MOT
- FDOT CTQP Concrete Field Level I
- FDOT CTQP Pile Driving Inspection
- FDOT CTQP Drilled Shaft
- OSHA 10-Hour
- ACI Field Testing Level I
- Troxler Nuclear Gauge Safety

Relevant Project Experience:

Port St. Lucie Boulevard Reconstruction Project, Port St. Lucie, FL: \$0.6 million ARRA funded and LAP administered project included the reconstruction of a six-lane divided roadway, between SW Greco Lane and SW Sansom Lane, utilizing black base. Work also included installation of new drainage structures and under drains, desilting of the existing pipe, sealing existing drainage structures, and construction of new curb and gutter, sidewalks in strict compliance with ADA standards, and ditch pavement. Mr. Mix's duties comprised of resident inspection, daily reporting, coordination with City's operational personnel, coordination of the City's materials testing consultant and ensured the contractor complied with all contract documents.

Belle Terre Parkway Four-Laning, Palm Coast, FL: \$27 million project involved the widening and/or reconstruction of 4.1 miles of the Belle Terre Parkway. Works included asphalt pavement, concrete retaining walls, installation of 7.4 miles of drainage pipe ranging from 18 to 72 inches, new concrete curb and gutter, ADA sidewalks and ramps, and driveway aprons. The project also consisted of landscaping and irrigation, sanitary pump station and water works improvements and 150,000 CY of excavation for 4 new storm water detention facilities. Mr. Mix's duties comprised of resident inspection, daily reporting, overseeing inspection personnel, coordination with City's operational

personnel, coordination with local residents and businesses, and ensured the contractor complied with all contract documents.

Bryan Dairy Road (66th Street to US Highway-19) Pinellas Park, FL: \$26 million project which included two steel girder bridges, five stormwater retention/detention ponds, off-site mitigation areas, off-site borrow pits, off-site steel and concrete inspection, reinforced concrete pipe drainage, reinforced earth walls, re-alignment of a canal, five con-span and box culvert structure, and two JPA contracts. Mr. Mix's duties comprised of resident inspection, daily reporting, overseeing inspection personnel, coordination with County's operational personnel, coordination with local residents and businesses, and ensured the contractor complied with all contract documents.

Staff Name	Title	Years Description Experience
Ron Padgett	Construction Inspector (as necessary)	40 years total experience

Mr. Padgett has over 40 years of construction and construction engineering and inspection experience and specializes in stormwater pump stations, water and wastewater treatment, drainage and underground installation and sediment and erosion control and roadway projects. Mr. Padgett is responsible for inspection and preparation of appropriate field documentation reports, interpretation of plans and specifications, preparation of as-built drawings, interaction with City, County, DOT, private developers, and utility companies for the satisfactory completion and acceptance of projects.

Licenses / Certificates:

- FDEP Storm Water Management
- FDOT CTQP Asphalt Level I
- FDOT CTQP Final Estimate Level I
- FDOT CTQP Earthwork Level I & II
- FDOT Intermediate MOT
- OSHA 10-Hour
- Troxler Nuclear Gauge Safety

Relevant Project Experience:

SR40/Silver Springs Stormwater Pollution Reduction Project, Ocala, FL: This \$1.6 million project, which was funded by grants from the Florida Department of Environmental Protection (FDEP), St. Johns River Water Management District (SJRWMD), and Florida Department of Transportation (FDOT) consisted of constructing a reinforced concrete pump station and pollution reduction facility that collected stormwater from SR 40 and filtered trash and sediment prior to pumping the effluent approximately 0.5 mile to a new retention basin located within a park. Pipe installations ranged from to 20," C-905 DR25 to 66" RCP. The basin was constructed such that it did not disturb high-density lithologic areas and an old lumber mill archaeological resource area. Mr. Padgett's duties included resident inspection, preparing daily field reports, and measuring, calculating and recording pay quantities, coordination with County and FDOT personnel and ensuring compliance with contract documents including strict sediment and erosion control provisions.

Belle Terre Parkway Four-Laning, Palm Coast, FL: \$27 million project involved the widening and/or reconstruction of 4.1 miles of the Belle Terre Parkway. Works included asphalt pavement, concrete

retaining walls, installation of 7.4 miles of drainage pipe ranging from 18 to 72 inches, new concrete curb and gutter, ADA sidewalks and ramps, and driveway aprons. The project also consisted of landscaping and irrigation, sanitary pump station and water works improvements and 150,000 CY of excavation for 4 new storm water detention facilities. Mr. Padgett's duties included inspection of drainage, water and wastewater installations, pump station upgrades, and stormwater sediment and erosion control measures. He also prepared daily field reports, and measured, calculated and recorded pay quantities.

I-75 Rest Area Water Treatment Facility, Sumter County, FL: This FDOT D5 project consisted of construction of a new, in ground, pre-cast, concrete wastewater treatment plant at the I-75 southbound rest area followed by the demolition of the existing treatment plant. The new facility was constructed of prefabricated 5000 psi, reinforced concrete sections, is designed to flow an average of 30,000 GPD and handle a 104 GPM peak flow with a 16 hour run off period while utilizing state of the art technology. Mr. Padgett's duties included resident inspection, preparing daily field reports, and measuring, calculating and recording pay quantities, coordination with FDOT and the rest area's operational personnel.

3. Number of part time CEI personnel that will be assigned to this project.

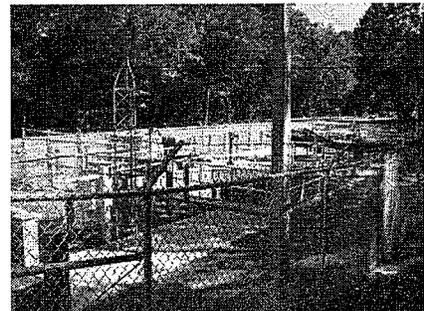
Staff Name	Title	Years Description Experience
Raymond Farcas, PE	Project Manager (<i>part-time</i>)	13 years total experience
Stephen Mix	Senior Inspector (<i>full-time</i>)	35 years total experience
Ron Padgett	Construction Inspector (<i>as necessary</i>)	40 years total experience

4. What is the overall company experience on CEI contracts for Stormwater, Detention Pond and/or Stormwater Treatment Area construction projects?

Hill International has extensive experience working in both rural and urban environments for various stormwater, detention pond, pump station improvement and/or stormwater treatment area construction projects. Our company has experience all over the world providing CEI services for these types of projects as well as locally to the State of Florida and the City of Port St. Lucie. Hill's experience includes, but is not limited to, the following clients and projects:

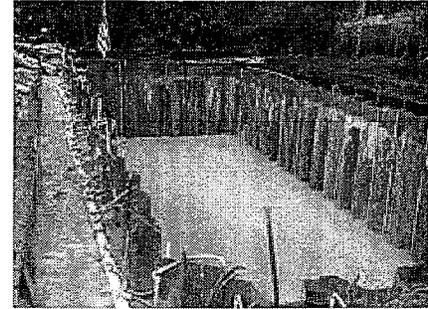
Marion County, Silver Springs Stormwater Pollution Reduction Project, Ocala, FL

Under a Continuing Services Agreement with Marion County, Florida, Hill International provided resident inspection services for this project, which was funded by grants from FDEP, SJRWMD, and FDOT, and administered by Marion County. The project includes a reinforced concrete pump station and pollution reduction facility that collects stormwater off of SR 40 and filters trash and sediment prior to pumping the effluent approximately ½ mile down the road thru a 20" C-905 DR25 force main pipe to a new retention



basin located within a park. The basin was constructed such that it did not disturb the high density lithologic areas, the old lumber mill archaeological resource area, and with selective clearing and grubbing and exotic plant removals.

The project's park enhancements included the construction of a varying 8'-12' wide recreational, interpretive mulched trail that surrounded the perimeter of the retention pond and included historic designations for the high density lithological areas, the old lumber mill archaeological resource area, and sink hole area. The archaeological lumber mill area was protected with a 4' high wooden mortise fence. A parking lot was constructed along with a gated, stabilized access road to maintain the pond site. During construction, the trail alignment was staked out and adjusted to minimize impacts to trees, surface debris was removed, and temporary tree barricades were erected to protect the large oak trees.



The project is extremely important to the area to help protect the famous Silver Springs, origin of the glass bottom boats and a popular central Florida tourist attraction dating back to the 1870s. Florida Springs and the Aquifer are in distress from surface water runoff carrying nitrates and other pollutants which enter into the drainage systems and degrade the water quality. This project is one of many projects and efforts to help restore and protect water quality in the Silver Springs groundwater basin. Our scope of work includes resident inspection services and project administration support, as well as coordination with the County, FDOT, and the FDEP.

City of Port St. Lucie, Port St. Lucie Boulevard Reconstruction, Port St. Lucie, FL

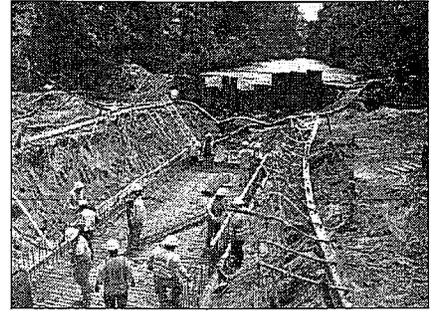
Hill International is in the close-out phase of this contract to provide CEI services for the City of Port St. Lucie's Port St. Lucie Boulevard Reconstruction project. This ARRA funded and LAP administered project entailed reconstruction of the six lane divided roadway between SW Greco Lane and SW Sansom Lane. The project generally consists of milling and resurfacing, reconstruction of the existing base utilizing black base, installation of new drainage structures and under drains, de-silting of the existing pipe, and construction of new curb and gutter, sidewalks, curb cut ramps, and ditch pavement, as well as upgrades to traffic control measures. In addition, in order to improve drainage, a section of the existing canal was cleaned out and restored at the outlet end of the twin 42" pipes.



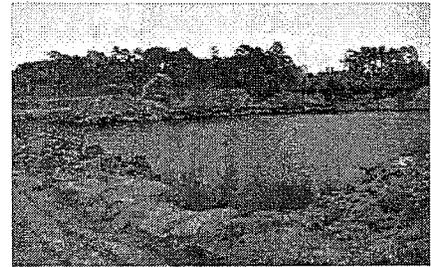
Maintenance of traffic was at the forefront, and to minimize impacts to the traveling public, a revised plan was implemented to expedite construction and the amount of time needed to close down active lanes of the major east-west corridor thru the City. Hill provided full CEI services including contract administration, resident inspection, public outreach/awareness, and oversight and preparation of all federal ARRA and LAP compliance and reporting documentation, which includes EEO, DBE, OJT, Prevailing Wage, and Job Creation.

City of Palm Coast, Belle Terre Parkway Four-Laning Project, Palm Coast, FL

Hill International provided CEI services to the City of Palm Coast for the Belle Terre Parkway Four-Laning Project. The \$26.7 million project entailed widening and reconstruction of a 4.1 mile section of Belle Terre Parkway between Palm Coast Parkway and Matanza Woods Parkway to a four-lane divided urban roadway. The northern 0.6 miles of Belle Terre will be realigned to connect to the Matanza Woods Parkway at the intersection of Lakeview Boulevard.



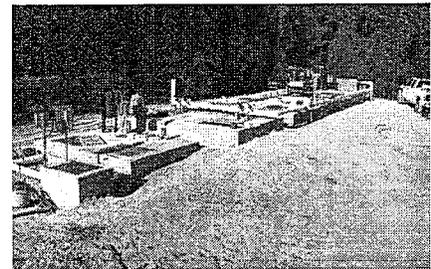
The project consists of asphalt pavement, concrete retaining walls, installation of over 7.4 miles of drainage pipe ranging from 18" to 72", new concrete curb and gutter, sidewalks, and driveway aprons. In addition, the project included landscape and irrigation, installation of four new stormwater retention facilities and upgrades to signage, striping, and signalization. Utility coordination was at the forefront as local power, cable, and communication facilities had to be relocated in conjunction with construction activities, as well as new installations of waterline and sanitary sewer. Three existing force main pump stations were upgraded, which required the implementation of a temporary bypass system and close coordination with City operational staff and the FDEP.



Along the corridor of this project were several residential developments, two schools, several churches, a fire station, a community park, and multiple businesses. The widening and realigning facilitated safe and efficient traffic flow through the north-south arterial as the quickly growing City continues to expand. The construction schedule and traffic phasing were critical to allow for continuous access throughout the duration of the project.

I-75 Rest Area Water Treatment Facility, Sumter County, FL

Hill International provided CEI Services as part of a team for FDOT District 5 Group 113 projects. The Group 113 Contract involves three individual projects, which includes roadway widening, roadway resurfacing, and a wastewater treatment facility reconstruction project. Hill's specific task was to provide resident inspection services for the I-75 SB Rest Area Wastewater Treatment Plant Reconstruction Project.



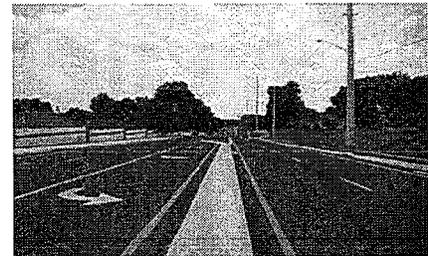
The scope of work consisted of constructing a new, in ground, pre-cast, concrete wastewater treatment plant at the I-75 southbound rest area followed by the demolition of the existing treatment plant. The new facility was constructed of prefabricated 5000 psi, reinforced concrete sections, which were manufactured in a factory controlled environment and then transported and assembled on site. The new plant is designed to flow an average of 30,000 GPD and handle a 104 GPM peak flow with a 16 hour run off period while utilizing state of the art technology. Upon completion of the new facility, the plant will be able to provide an effluent reduction of 92% of mg/l, in BOD5 and suspended solids, from the influent concentration.

A substantial part of the work was the delicate deactivation and demolition of the existing facility such that the environment was not contaminated and/or the public was not exposed to any harmful bacteria as the existing plant is only located 200 feet from the nearest public facility. The existing WWTP was pressure-cleaned and chlorinated with the residuals being pumped into the new facility's aerobic digester to assure safe disposal of the slurry material before being dismantled.

The scope of Hill International's services includes resident inspection services and coordination with FDOT, FDEP and the plant's operator. Since the Group 113 projects were federally funded, the project required audits of prevailing wage, EEO and the DBE programs. It was Hill's responsibility to ensure compliance with these federal requirements by conducting interviews of the contractor's workforce to ensure wage rate compliance; reviewing weekly certified payroll submissions; completing EEO audits and checklists to ensure compliance on a monthly basis; and verifying the contractor's commercially useful function reports are accurate to ensure the DBE requirements are met.

Marion County, SE 31st Street Improvements Project, Ocala, FL

Under a Continuing Services Agreement with Marion County, Hill provided CEI services for the SE 31st Street Improvement Project, which is located in the City of Ocala. The project included widening of the existing two-lane roadway through a residential area to a four-lane divided facility from SE 19th Avenue to SR 464. The project also included new construction of a four-lane extension, which connects SE 31st Street to SR 464, and an at-grade railroad crossing.



The 1.9-mile project included significant earthwork, asphalt pavement, drainage upgrades (including culvert replacement), curb and gutter, sidewalks, bike paths, concrete retaining walls, architectural noise walls, upgraded traffic control, and new signalization, as well as the installation of 12 drainage retention/detention areas. In conjunction with this project, the City of Ocala and Marion County entered into a joint inter-local agreement to include water line and sanitary sewer adjustments, relocations, and improvements. Specific construction elements included:

- A multi-phased MOT plan, allowing construction of new eastbound lanes while maintaining traffic on the existing lanes (traffic was then switched and the new westbound lanes were completed). At the completion of the job, short-term traffic zones were set to complete the final lift of asphalt. Maintenance of pedestrian traffic was required throughout construction.
- The Contract established a 90 day utility window which was determined by the contractor to allow for the relocation of overhead power, communication, and cable from the existing poles to new concrete overhead poles that would be free of roadway construction. Proactive coordination was required by Hill to ensure that the utility companies maintained their schedule and did not impact the roadway contractor's schedule.
- Sinkhole Repair – During construction, a sinkhole appeared within the roadway. The sinkhole was stabilized by completing additional excavation and placing low-strength grout.
- Phased de-watering during the construction of the 12 drainage retention/detention areas

Additional CEI Experience

Client Name	Project Name	Location
Orlando-Orange County Expressway Authority	SR 408 Widening Project	Orlando, FL
City of Jacksonville	Duval County Unified Courthouse	Jacksonville, FL
City of Palm Coast	Ralph Carter Park	Palm Coast, FL
Commonwealth of Pennsylvania	I-95, Cottman Avenue Interchange	Philadelphia, PA
Commonwealth of Pennsylvania	I-95, Girard Avenue Interchange Design	Philadelphia, PA
Commonwealth of Pennsylvania	Schuylkill River Bridge Reconstruction	Philadelphia, PA
Commonwealth of Pennsylvania	SR 0476 Section RDC, Roadway Rehabilitation	Philadelphia, PA
CSX	National Gateway Initiative – Phase 1	Trumbull County, OH
Delaware River Joint Toll Bridge Commission	Delaware River Joint Toll Bridge – Open Task Order	Morrisville, PA
Federal Transit Administration	UTA Mid-Jordan Light Rail Transit	Salt Lake City, UT
New Jersey Transit	New Jersey Transit – Task Order Contract	Newark, NJ
Pennsylvania Department of Transportation	PA 63-309 Connector – Phase 1	Allegheny County, PA
Pennsylvania Department of Transportation	PennDOT District 6-0 Transportation Infrastructure Improvements	Philadelphia, PA
Skanska USA Building, Inc.	Tren Urbano – Extension of Staff	San Juan, Puerto Rico
U.S. Department of Transportation	Central Florida Commuter Rail Transit	Orlando, FL
U.S. Department of Transportation	FTA PMO State Transportation Agency Projects	Fairfax County, VA
U.S. Department of Transportation	Dulles Corridor Metrorail Extension to Wiehle Avenue	Washington, DC
U.S. Department of Transportation	Washington Metropolitan Area Transit Authority System Infrastructure Rehabilitation Program	Washington, DC

5. In your Company's experience, what are the challenges and issues associated with the construction portions of these projects?

We have visited the project site and have thoroughly reviewed the plans and specifications to determine the following potential plan challenges, issues and/or concerns with the project:

Sheet 2

- Note 6 states “the contractor should protect all private property and shall restore any damage to private property...,” implying they can work outside of the right-of-way. Work shall not be

allowed outside of the right-of-way unless an easement or right of entry has been obtained. We can help facilitate obtaining a Right of Entry from the private properties. We have extensive experience working with private property owners to obtain right of entries for work outside of right-of-way as we obtained nearly 100 right of entries to remove and relocate private fences, landscaping and irrigation, which was installed within a 5' drainage and utilities easement on the Belle Terre Parkway 4-Laning project in the City of Palm Coast.

- Any work performed under Reference Nos. 28 or 51 – Irrigation Repair Allowance will be tracked on a Force Account Basis and paid based on actual time and cost plus the specified markup for profit and overhead. All work will be strictly coordinated with the respective property owner and not performed until a right of entry has been signed by both the property owner and the City.

Sheet 3

- Establishing a buffer of mature, existing trees will be desired particularly around the Loutus Pond area. We will clearly mark which trees are to be protected and salvaged by root pruning to ensure the contractor maintains this buffer. The contractor will also have to coordinate his excavation operations to maintain a haul road adjacent to the trees, which will be root pruned, to provide access for watering with a watering truck.
- The Sam's Club driveway, Harrington Avenue, Calais Street and South Blackwell Drive all will be given close attention during the pre-construction and haul road videos to assure the existing conditions are well-documented, and help assure the Contractor repairs any damage caused by their operations.
- Any additional haul road access points not specifically called out for in the plans shall be performed at no additional cost to the project. Each will be properly stabilized and subsequently restored to its pre-construction condition.
- The Detwatering Note No. 3 requires the ditch block to be removed in cases of heavy rain events. This requirement should be reviewed based on the progress of construction as removal may not be necessary or prudent and could require additional sediment and erosion measures to be installed to ensure downstream siltation does not occur.
- The water level of cell 1 should be closely monitored during the excavation and dewatering of cell 2 to ensure containment is not breached, resulting in possible downstream siltation. Excavation and dewatering operations will need to stop prior to water levels nearing the top of pond elevation, assuring sediment is controlled on the project.

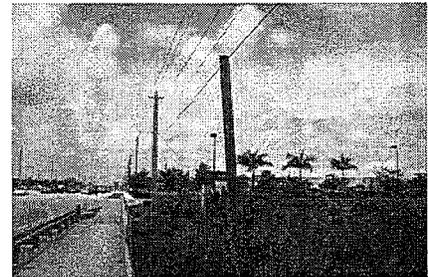
Sheet 4

- The sheet pile concrete cap detail on the top right hand corner of the page does not show articulated concrete block matting and implies there is a portion of the sheeting exposed or above ground. The detail should reflect the articulated concrete block matting and misc. grading to the concrete cap. The sheet piling wall should be completely backfilled.
- The reinforcing steel in the sheet pile concrete cap detail needs to be further detailed for clarity. The current detail does not show how the rebar will transition to the notched out portion of the weir. An elevation view of the weir should be shown to clarify this information.

-
- The plans call for the steel pile weir to be made of vinyl. Consider a Value Engineering Cost Proposal to allow the use of steel sheeting. Although the material cost for new vinyl sheeting is cheaper than for new steel sheeting, the steel sheeting would likely be more readily available in the contractor's yard and the savings would result from a reduced material cost. The steel sheet piling wall will be encased 100% in either the ground or in the concrete bulkhead and will not be subject to deterioration or corrosion factors from the environment (water, air, bacteria, and other corrosion influencers). The added cost associated with handling and installation would be minimal since there is only 1800 SF of material (110' long by 16' in depth). ***We anticipate approximate potential cost savings associated with this change equal to \$8,000.00.***

Sheet 6

- The plans state the contractor shall coordinate the relocation of a FPL wooden pole which is in direct conflict with the articulated concrete block at the existing 8' x 6' box culvert under US 1. Our field review has determined that this relocation work has already been completed however FPL only "topped" the existing pole and the contractor will have to remove the pole during construction.
- The plans call for the seams in the articulated concrete block to be covered with 4,000 psi pump mix grout. The detail on sheet 14 states the seam to be filled with 4,000 psi concrete. The technical specifications state 4,000 psi non-shrink grout. These notes will need to be clarified.



Sheet 7

- The plan view calls for 40 LF of 38" x 60" ERCP to be installed under Marius St. and the cross section identifies 48 LF. This conflict will need to be clarified. Payment will be made based on final field measured quantities. ***This would equate to a \$1,164.00 cost savings.***

Sheet 8

- Construction of the 36" FM and the 2" FOC will present difficulties for the contractor given the 10' maintenance access area and the 5' horizontal separation requirement from centerline of the FM to the centerline of the 2" fiber optic conduit, which is to be installed 2' inside of the right-of-way line. Depending on the geometry of the existing channel back slope, the contractor may have to utilize a trench box to maintain the integrity of the channel back slope and to prevent sloughing and spoils from entering the channel. We will ensure proper compaction is achieved as well as the existing channel is clean of spoils at the completion of the work at no additional cost to the project.

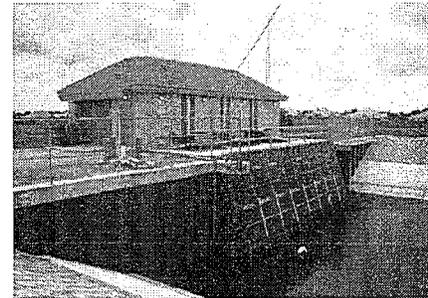
Sheet 10

- There is existing articulated concrete block mats stockpiled in the yard at the Blackwell Pump Station site and can be utilized under this contract. There would be a cost savings realized if the City allowed use of this material.

-
- The sand diaphragm should be saturated and compacted with a light walk-behind vibratory roller or plate tamper during each lift. Our Senior Inspector will carefully monitor the contractor's backfill and compaction operations to ensure that over compaction is not achieved which can jeopardize the intent of the sand diaphragm and potentially cause failure in the reservoir embankment.
 - Our Senior Inspector will assure that the vertical limits of the sand diaphragm do not extend to the top of the embankment. Typically, the general practice is to stop the sand diaphragm 2' from the top of the embankment.
 - Our Senior Inspector will also ensure the sand diaphragm is properly constructed without contamination.

Sheet 11

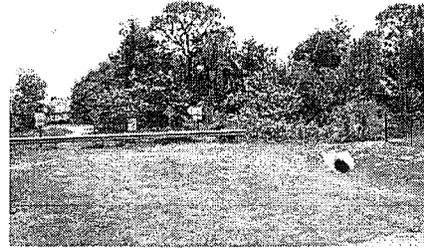
- During the improvement operations at the Blackwell Pump Station, the plans should identify a weir elevation on the temporary cofferdam should a hurricane or other high rain event occur to relieve and discharge the subsequent high flow within the Blackwell Waterway. Construction Addendum 2 states the pump station must be operational if the Blackwell Waterway reaches elevation 16.5' NAVD. We will ensure the contractor installs a weir elevation of 16.5' in the cofferdam sheeting.
- As an alternative, if the pump station is not maintained operational, then require the mobile pump station and associated 36" forcemain piping to be fully operational prior to installing the cofferdams for the improvements at the Blackwell Pump Station so that a portion of the Blackwell Waterway can be relieved and discharged during significant rain events. Assuming a NTP in October 2011 and a Final Completion in June 2012, the pump station work will most likely occur during April or May – out of the official Hurricane Season. This scenario would result in a credit to the project.
- The S-4 protective coating system will need to be applied in strict accordance with the SFWMD standard specification. Our Senior Inspector, Steve Mix, has been certified by the Society of Protective Coatings (SSPC) as a certified coatings inspector. It will be important that a pre-operational meeting be held with the contractor, painter, paint manufacturer and the SFWMD to review the surface preparation and coating requirements for the project prior to work commencing.
- Note 2 discusses the need for patching should holes be seen passing through the sheeting. We recommend the sheeting also be patched if 50% or more of section loss is determined once surface preparation operations are completed.



Sheet 12

- The plans do not show the existing 24" pipe culvert on the west side of Calais Street. The existing pipe will need to be removed as it conflicts with the mobile pump station site. ***Correction of this plan omission will result in additional costs to the contract.***

- The plans call for re-grading 182 LF of the swale on the west side of Calais Street to change the flow direction. This cannot be performed as it will not have positive drainage. An option to resolve this adverse condition is to install a ditch bottom inlet and pipe culvert to positively drain this area to the east ditch line. The existing waterline will need to be located to avoid a conflict. **Correction of this plan error will result in approximately \$6,500.00 of additional costs to the contract.**



- The plans show a conflict between the proposed fencing and the proposed 24" ductile iron pipe. It appears that section c-c addresses this issue.
- The property on the northwest side of Calais Street has a 4' black chain link fence that borders its property and shall be protected during the construction of the mobile pump station site.

Sheet 14

- The Typical Trench Detail for the 36" FM pipe is confusing and needs to be clarified. Dimensions are off as well as the invert callout. Does the contractor have to place a 4" bedding and hand place select material around the pipe even though the pipe is not under proposed pavement? These questions will be raised during construction as an RFI. We recommend the bedding and select material is not warranted. **The non-performance of this work would result in a cost savings to the contract in the amount of \$27,000.**
- Note 1 under the Toe In Details states rock rubble shall be placed in 2 layers for a total depth of 18" to produce a reasonably well graded mass of stone with minimum voids. This is contrary and not consistent with the FDOT specification 530-3.2 which states rubble shall be dumped in place and conforming to the neat lines and thickness specified in the plans and ensure rubble does not segregate so that smaller pieces evenly fill the voids between the larger pieces. In addition, the installation per the plan note may be difficult to achieve based on the allowable size (gradation) of the rock rubble.

Sheet 17

- Note #1 under Paving, Grading and Drainage Notes states all clearing and grubbing needs to be completed prior to construction. This conflicts with FDOT Spec. 104-6.1, which states that no more than 750,000 SF of area will be exposed without the approval of the Engineer, and FDOT Spec. 104-6.3, which states the Contractor should schedule operations such that the area of unprotected erodible earth exposed at any one time is not larger than the minimum area necessary for efficient construction operation.

We will assure the contractor carefully plans his clearing and grubbing and earthwork operations in a methodical and timely manner to minimize the disturbed areas. We will also assure all sediment and erosion control measures are installed prior to any clearing operation. If any cleared area is exposed and not worked on for 14 days, we will then direct the contractor to temporarily stabilize the area at no additional cost to the project.

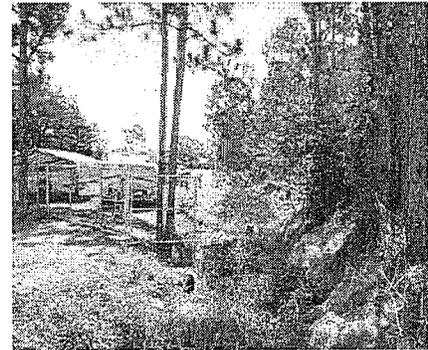
- Notes #1 and #2 under Earthwork and Related Operations states the Contractor is responsible to submit a Quality Control Program and perform QC testing with the contractor's approved

testing laboratory and personnel. This conflicts with the Technical Specifications – Part 2 which stated the City will hire and pay for a Geotechnical Engineer and Testing Laboratory services for quality control and material acceptance.

We will assure the contractor adequately schedules the necessary testing services with sufficient notification. If the contractor schedules the services with significant stand-by time or if testing produces failed results, our staff will document the incident to back charge the contractor accordingly.

Construction Addendum No. 2 – Question No. 21

- The contractor questioned the validity of the plan quantity for the Regular Excavation of the Blackwell Waterway (35,000 CY). The response to the question stated the quantity effectively had contingency quantity built in to remove all excessive soils. The response also changed the FDOT specification for method of measurement from a plan quantity item. We will confirm that the contractor properly surveys the cross sections of the entire channel as soon as the clearing and grubbing operation is completed. This will be the basis of payment for the excavation quantity.



- a. The contractor may try to refuse to survey the existing conditions since they only bid \$10,000.00 for site layout, survey and preparation for as-built drawings and may try to contend payment should be made at plan quantity knowing that there is contingency quantity built into the estimated plan quantity. We will assure the contractor adequately surveys the existing ground once clearing and grubbing is performed to get an accurate measurement for the pay quantity. If necessary, we can have our surveyors complete the work and this survey will be utilized as the basis for final payment.
- b. We have reviewed the estimated quantity for the Loutus Pond and have determined that it contains approximately 10,000 CY of contingency quantity. It will be especially important that the contractor surveys the pre-construction condition to ensure proper payment. ***We anticipate a cost savings of approximately \$50,600.00 associated with this pay item.***

General Issues

- The plans call for the forcemain pipe to be 36" C-905 DR-18 PVC. There are no pipe manufacturers that produce and supply this classification of pipe up to the specified size (the maximum diameter for DR-18 PVC pipe is 24"). It is likely that the contractors would have bid the next available, most equivalent type of pipe, which is DR-21. DR-21 is a slightly thinner pipe with a pressure capacity of 200 psi.
- We recommend based on the application of this forcemain that a DR-25 pipe be utilized in lieu of a DR-21. The DR-25 pipe would perform to the intent of the design for this project. Per our conversation with a regional supplier of this pipe, ***the material cost savings associated with this change in classification (from DR-21 to DR-25) would be approximately \$37.50/LF or \$93,750.00.***

-
- The bid tabulation of quantities have 12,000 CY of Subsoil Excavation as an allowance for the removal of unsuitable materials should it be encountered and does not include any quantity for the Embankment material which will be used for the replacement of the unsuitable excavated material. The quantity of Embankment material should equal the quantity of Subsoil Excavation. ***This plan omission could be a significant extra cost to the project in the amount of \$10,400.00*** if the full amount of contingency is needed. Our Senior Inspector is well qualified to determine various subsoil conditions and will adequately direct the contractor to remove, replace and dispose of any muck, clay, or rock encountered and will track actual quantities for proper payment.
 - During our site reviews, we noticed empty dump trucks (for the Lennard Square project) traveling south on US-1 and trying to make a U-turn at the protected left turn lane just south of the proposed temporary construction access road (Sam's Club Driveway) to get back to the project site. The trucks do not have adequate room to make a safe U-turn and have to stop in traffic and make a 3-point turnaround. We anticipate that truck traffic for the Loutus Pond project will try the same maneuver. This presents safety issues and we will present this issue to the contractor and will advise that his trucks cannot make this maneuver without a flagger present and will have to send the trucks to the West Moreland Blvd. intersection to change directions.
 - We have reviewed the line item bid tabulation from American Earth Movers and it generally appears to be balanced with the exception of the following:
 - American Earth Movers appear to have unbalanced their bid with excessive costs associated with Mobilization (Schedule 1, Ref No. 1 = \$275,000 and Schedule 2, Ref No. = \$135,000 = Total: \$410,000). This seems excessive as it represents 15% of the total contract price. Per the FDOT specifications, we will allow partial payments up to 10% within the first four months of the contract and will not allow the remaining \$134,865.10 of mobilization to be paid until final completion. ***This will be an item of contention for the contractor, but the contract documents clearly back our position.***
 - American Earth Movers bid \$20,000.00 for the Cofferd Dam, Special (includes Dewatering) Work. This average bid price from the other 6 bidders was \$55,092.60. ***This may be an area where the contractor looks to request additional costs.*** We will assure the contractor submits and subsequently installs their cofferdam and dewatering plan in a safe and an acceptable manner to perform the specified sheet pile wall, trash rack and concrete piling restoration work, and we will clearly document all of their work to help protect the City should the contractor attempt to create an issue of it.
 - American Earth Movers bid \$10,000.00 for the Structural Steel (Misc. Rehab) Painting Work. This average bid price from the other 6 bidders was \$91,572.50. ***This may be an area where the contractor looks to request additional costs.*** We will strictly enforce the SFWMD standard specification – 09900, and will clearly document all work associated with this item.

Emergency Spill Planning

We understand extreme flooding and siltation caused by Tropical Storm Fay in August of 2008 and the importance of the Loutus Pond and Blackwell Waterway Improvement as it relates to the entire

Eastern Watershed. The submission and the implementation of a site specific sediment and erosion control plan will be the number one priority at the onset of construction and we will assure it is continuously maintained and modified as necessary as the different construction phases progress.

To protect the western receiving waters of the project (the North Fork of the St. Lucie River via Howard Creek) we will require that the contractor constructs and maintains a temporary sediment basin with a rock stabilized spillway just prior to the US 1 Box Culvert to catch sediment laden runoff while constructing the Loutus Pond. We will test and monitor the turbidity of the runoff at the western end of the project to determine if additional measures are necessary. As an added safeguard to plan against a chemical spill or major release of sediment laden water, we could require the contractor to store Alum powder onsite. The use of Alum would act as a flocculent to the chemical or the suspended solids in the turbid water and would settle to the bottom for easy cleanup and removal.

We don't anticipate issues with the receiving waters (The Savannas) to the east of the project. The Blackwell Pump Station pumps into a very large retention area and would have significant time for treatment prior to draining thru the culverts under the SE Green River Parkway and into the Savannas.

Dewatering

Dewatering will be an important aspect of this project. The contractor will be required to install the drainage pipes and structures in a dry trench or hole. The contractor will most likely utilize sumps with pumps, well point systems or sock drains as their dewatering measures. We will carefully evaluate the surrounding areas to determine which method is best suited for the application. Sock drains are a good application if there are no underground utilities within the de-watering zone. We have experienced that sock drains can sometimes lead to unwanted undermining of the soil around these underground utilities causing instability or failure. Another consideration of sock drains is whether or not to remove the drain upon completion. Sometimes it may be in the best interest to grout fill the sock drain and abandon in place. Regardless of the method of dewatering, we will ensure the outlet end of the dewatering is properly protected with adequate sediment and erosion control measures. We will also ensure that the contractor places a noise reducing enclosure around the dewatering pumps since the entire project is adjacent to residential properties and the pumps will be running 24/7 and may become a nuisance to the residents.

Pile Jackets

Our Resident Inspector, Steve Mix, has extensive experience with the installation of pile jackets during his experience on the 4.1 mile long St. George Island Bridge Rehabilitation project where the existing concrete substructure pilings were restored and reinforced by installation of 18" pile crutch bents, installation of cathodic protection and installation of pile jackets. For the successful installation of these jackets and to gain the most service life of these jackets, it will be critical that the contractor first sand blasts the surface area of the existing concrete pile to establish a rough profile and to remove any mold residue or dirt that would prohibit a good bonding surface. Also, sounding of the existing concrete should be performed and any loose or spalled concrete shall be removed.

We will assure the jackets are properly sealed with approved gaskets and marine epoxy paste and properly supported during the grout injection operations to eliminate potential movement and disruption of the curing process. We will not allow the contractor to simply “plug and bypass” intermediate ports unless he can clearly demonstrate that his grouting procedures successfully fill the voids between the existing pile and pile jacket. This will help minimize the potential entrapment of air if the grouting operations occur too fast. Finally our field inspector will witness, record and report the testing of the bond strength via the Modified Elcometer Test method.

Trench Excavation

Although the pipe excavations will not require an approved excavation plan which is signed and sealed by a professional engineer since it is not over 20’ in depth, the excavation for the double 72” culvert at the Seybold Waterway will reach upwards of 12’ deep and the proposed 36” forcemain excavation will reach 7’ deep. Both excavations will need to be carefully performed and benched based on the existing soil classification. Our staff has been trained in OSHA 10-hour which includes trench excavations. We will monitor the contractor’s enforcement of OSHA standards to ensure safety when determining the proper sloping and benching requirements, as well as properly identifying and barricading the excavation. Support or shield systems, such as trench boxes or shoring or cribbing, will most likely be utilized to minimize the volume of excavation.

Hurricane Preparedness Plan

Hurricane preparedness planning is a necessary part of all construction projects in the State of Florida but is extremely vital for a watershed improvement project as these projects typically address the conveyance issues associated with high volumes of surface water runoff. Improper planning can lead to re-work, unsafe conditions and significant flooding conditions.

We will assure the contractor submits their hurricane preparedness plan at the pre-construction conference and include the following as a minimum:

- Preparations to anchor or restrain everything that could blow away with netting for dumpsters, banding and banding tools for lumber, form work and scaffold planks, and other security measures for port-a-potties, maintenance of traffic devices, etc.
- Preparations to fuel equipment, de-watering pumps, generators, etc. that will be necessary to alleviate flooding and damage after the storm.
- Preparations to secure and protect incomplete underground piping and storm drain systems against the infiltration of sand and silt.
- Preparations to ensure that all equipment is relocated out of excavation areas to protect against failures
- Preparations to remove any flow restrictions from existing channels or ditches
- Preparations to remove inlet protection from areas prone to flooding
- Preparations to remobilize a team to evaluate and document damage from the storm, prioritize repairs, complete Job Hazard Analysis and then initiate repairs.

Hill will work closely with City of Port St. Lucie personnel to monitor the situation and to direct the contractor to implement the various phases of their Hurricane Preparedness Plan.

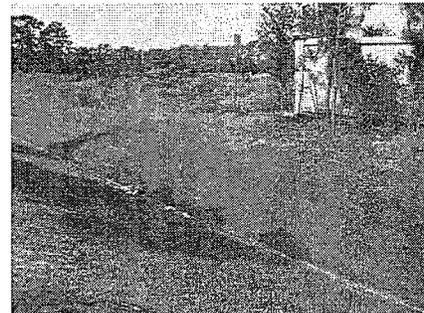
Utility Coordination

Utility coordination is often the Achilles heel for a construction project. Utilities often require to be removed, to be relocated, or to be supported and protected while left in place. We will work hard prior to and during the early phases of construction to coordinate and schedule utility work that is required in order to complete construction without delays. There are numerous utilities associated with this project that will need the utmost attention. We will address the following items at a minimum during the pre-construction conference with the respective utility company.

- 1) Protection of the City 4" waterline during the installation of the drainage along the east side of Marius Street.
- 2) Protection of the City 6" waterline during the removal of the existing 24" culvert at Calais Street.
- 3) Coordination with City Public Works personnel during the work associated with the Blackwell Pump Station Improvement.
- 4) The existing overhead FPL power pole may need to be relocated or temporarily supported during the excavation of the 36" forcemain pipe at the mobile pump station site. This work will need to be closely coordinated with FPL.
- 5) Any work performed under Reference Nos. 33 or 54 – Utility Relocation Allowance will be tracked on a Force Account Basis and paid based on actual time and cost plus the specified markup for profit and overhead. All work will be strictly coordinated with the respective utility owner.

Coordination with Adjacent Projects

We understand that there will be multiple adjacent projects let prior to this contract that will require close coordination. This can create issues if not properly managed in that there are multiple lines of authority associated with the different projects. We will work hard to implement clear lines of communication, and shall establish coordination procedures to verify that the adjacent projects can be completed concurrently. It will be the contractor's responsibility to coordinate their work with others. Specifically, the contractor will need to coordinate with Underwater Engineering Services (UES), the contractor for the Lennard Square STA project, during the excavation and hauling of Loutus Pond as both contracts overlap work in this area (UES will be installing the 72" pipe along the east side of Sam's Club). In addition, the contractor will need to coordinate with the landscaping contractor for the EWIP projects as well as with Melvin Bush, the contractor for the Tiffany Channel project, specifically regarding their dewatering plan.



We will facilitate the coordination effort by inviting the CEI, as well as the adjacent contractors to the Weekly Progress Meetings and will make it an agenda item for discussion. We will also require the contractor to include critical items of work from the adjacent contracts into the CPM schedule to enhance the planning and coordination effort to minimize potential costly delays.

Federal Funding (Grants, LAP and/or ARRA Compliance)

One of the major considerations will be handling the special nuances associated with Federal funding for the project, and the specific documentation, training, and other actions that are required to ensure that this funding is not placed in jeopardy because of inaccurate or incomplete reporting and missed processes. We consider ourselves experts in handling all of the requirements associated with federal funding, including LAP and ARRA funding. Our plan for contract documentation compliance starts with assigning experienced personnel to the project, with respect to the Federal Funding requirements. Our personnel are proficient in completing and submitting the required paperwork, and completing the required interviews and program monitoring.

We have reviewed the bidding documents for the construction of the Loutus Pond and Blackwell Waterway Improvement (EWIP) project and have noticed that Attachment E – Whistleblowers Poster is incorporated in the contract. This indicates that this project is ARRA-funded. Hill will utilize our proven processes for ARRA documentation, and modify these, as required, for this project. We understand that the City may receive federal funding from FDOT or directly from the Federal Government. We have administered both type of contracts acting a Recipient and Sub-Recipient and understand the different reporting requirements. Therefore, we will schedule and lead a kick-off meeting to identify all specific requirements and reporting procedures. We can report directly on the federal government's website Recovery.org or we can set-up the project within the FDOT's ARRA Employment Reporting Database and complete the monthly reporting as a Delegate for the City depending on how the funding is funneled. In any case, we will make sure the general contractor obtains a DUNS Number, as well as their Vendor Number, if they do not already have them.

We will oversee the contractor's operations relative to ARRA compliance to include:

- Completion and submission of their monthly employment reports on or before the 10th of each month. These reports must include their employees and those of the subs.
- If requested, we will assist the U.S. Comptroller General should they wish to examine records and/or interview officers or employees of the team
- We will ensure the contractor assigns an EEO Officer, and we will follow up to ensure they are promoting an active EEO and AA program
- We will ensure the contractor is conducting the required periodic supervisor meetings to review and report on their EEO policy
- We will ensure the contractor is conducting proper personnel action reviews to include a review of wages, working conditions, and benefits to ensure there is no discriminatory treatment of employees

Labor Compliance

Hill International has established itself as a leader in the administration of federally funded projects in many states. Our personnel have the experience to administer the necessary audits to ensure contractor compliance to various labor standard policies and regulations including prevailing wage, equal employment opportunity (EEO), and disadvantaged business enterprise (DBE) programs. Specifically, we will ensure that the current prevailing wage rates and other federal documents are posted on the project bulletin board onsite; conduct interviews of the contractor's workforce to

assure that they are getting paid these wages; review weekly certified payroll submissions against prevailing wages; complete EEO audits and checklists to ensure compliance on a monthly basis; and verify the contractor's commercially useful function reports are accurate to ensure the DBE requirements are met. Our staff will document and record the compliance of these programs to maintain a continued state of readiness for any internal audits that may be performed. Should the contractor not be in compliance with the labor requirements, we will issue the appropriate non-compliance forms and obtain a timely resolution.

One of the ways that we prepare for external audits is with the implementation of our Tri-Located Documentation System. Having complete documentation of the activities and records of the compliance with all Federal requirements is one thing, but keeping the City informed of project progress is just as important. That is why we developed this very successful system. Up-to-date documentation is required for audits at the field office, at the City's Office, and at our Regional Office as well. Our Tri-Located Documentation System allows all parties to remain in touch with the progress of the project as well as maintaining a continuous state of readiness for internal audits.

Coordination with State and Federal Agencies

- **Martin County** – There is approximately 1 mile of work along the right of way between the City of Port St. Lucie and Martin County. All work will be coordinated with Jim Lambert from the County Engineering Department and will include prior written approvals of any requested variances from the work/noise restrictions of M-F from 7am – 4pm and Sat from 9am – 4pm. This may become an item that will need to be addressed with the County as the City Noise Ordinance allows work to be performed from 7:00 a.m. to sundown Monday through Friday.
- **South Florida Water Management District** – Our staff is certified by the DEP as Qualified Stormwater Management Inspectors meaning we are competent in the use of Best Management Practices and will ensure that the contractor properly installs control devices to minimize erosion and sedimentation, and properly manages the stormwater runoff throughout the project. We will assist with any and all inspections by the Water Management District staff and will also manage the project for compliance with the CUP Construction Dewatering Permit as well as the Environmental Resource Permit (ERP), which are issued by the Water Management District. We will ensure the provisions of each permit are met by:
 - Addressing the permit requirements at the pre-construction conference;
 - Monitoring the construction operations daily to determine if the appropriate control devices are installed;
 - Performing a weekly or after a significant rain event (greater than a ½") walk-thru with the contractor reviewing the integrity of every sediment and erosion control device and documenting compliance/non-compliance;
 - Assuring non-compliance items are immediately corrected or issuing the appropriate warning letters;
 - Assuring all required dimensions and elevations of discharge structures, drainage structures, underdrains, filters, weirs, storage ponds, etc. as well as cross sections of the conveyance systems are accurately identified on the as-built drawings;

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- Identifying the control structures, percentage of completion, as well as the anticipated/ actual dates of completion
 - Notifying the Water Management District 72 hours prior to any dewatering operations in addition to any modifications to the permit.
 - Coordination with the District Environmental Resource Staff from Martin-St. Lucie Service Center
- **Florida Fish and Wildlife Conservation Commission** – We are aware of Attachment G regarding the permit to capture and relocate up to 67 Gopher Tortoises within the Eastern Watershed Improvement Project (EWIP) project sites. It is understood that this work has been completed to date, however our staff is aware of the permit and if we spot Gopher Tortoises we will contact R.L. Weigt Environmental Consultants immediately for further instructions.

We are also aware of Attachment H regarding the permit to protect the Eastern Indigo Snake within the Eastern Watershed Improvement Project (EWIP) limits. Our staff, along with the contractor, will take part in the Contractor Sensitivity Training (CST) administered by R.L. Weigt Environmental Consultants and we will ensure the posters are properly displayed on the bulletin board on the project site. We will coordinate clearing and grubbing activities with R.L. Weigt Environmental Consultants so that the walk thru can be performed prior to. If we spot an Indigo Snake during construction we will contact the Florida Fish and Wildlife and R.L. Weigt Environmental Consultants immediately for further instructions. Our staff will maintain cell phone numbers and other contact information on hand to quickly make appropriate notification. We will file the necessary monitoring report within 60 days of the clearing operations.

- **Florida Department of Environmental Protection** – This project will require a Generic NPDES Permit since it involves construction activities greater than a 1 acre in area. We frequently interact with the Florida Department of Environmental Protection to ensure that the contractor submits their Notice of Intent Generic NPDES Permit prior to starting the project as well as ensuring that they submit the Notice of Termination within 30 days of completion of the project. We are also accustomed to partially and/or finally certifying water mains and force mains with the DEP for compliance with the Potable Water Construction Permit as well as Domestic Wastewater Collection/ Transmission Permit. To ensure compliance with this permit, we will:
 - Ensure the contractor submits their Notice of Intent Generic NPDES Permit and their site specific sediment and erosion control plan prior to starting the project.
 - Ensure that best management practices are implemented, inspected weekly or after a significant rain event (greater than a ½") and documented for compliance/non-compliance.
 - Verify that erosion is controlled; off-site sedimentation is being prevented; and no turbidity in adjacent streams is being generated.
 - Document any and all violations and ensure appropriate and immediate action is taken to correct the deficiency.
 - Ensure the contractor submits the Notice of Termination within 30 days of completion of the project.

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- **Army Corps of Engineers** – We understand that an Army Corps of Engineers’ permit has been obtained for the entire EWIP program and will ensure that the contractor complies with the strict terms of the permit requirements. Our staff is experienced in wetland mitigations, prescribed burns, and other compensatory mitigation procedures associate with the permit. This permit includes 1.12AC of wetland enhancement of herbaceous wetlands; creation of 1.3AC of herbaceous new wetlands; and creation of 0.036AC of forested wetlands.

We will ensure compliance with this permit by.

- Installing erosion control prior to construction and stabilizing the disturbed areas immediately following the work
 - Take pre and post construction aerial photographs
 - Submit the as-built drawings within 60 days of completion of the project
 - Assist with the required monitoring and reporting of the compensatory mitigation as necessary to show compliance with the permit.
- **OSHA** – Our staff is certified by OSHA in the 10-hour Occupational Safety and Health training which allows us to be trained in identifying and implementing corrective measures to eliminate hazards in the work place. Our approach is to monitor that OSHA and other requirements are adhered to by everyone on the jobsite from both the owner’s team and the contractor’s team. We will: Encourage a “zero accident” philosophy; Hold pre-planning operational meetings; Identify potentially hazardous tasks and conditions; Ensure proper personnel protective equipment is utilized; and Secure necessary Material Safety Data Sheets.

6. *Please provide insights or innovative procedures for how your company would deal with or interface with the local residents and property owners who are adjacent to the limits of the projects:*

Hill International has a very detailed and comprehensive Public Outreach Program that has been successfully administered on past projects and can be administered on this project. A primary goal for this program is to keep the public informed about the project by delivering consistent, concise, and accurate information. We can implement any of the following items or we can combine some or all of the items for a comprehensive program:

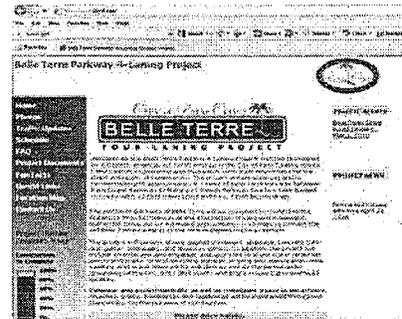
- **Project Hotline** – We can establish a Project Hotline that provides a phone number for residents, business owners, and other interested stakeholders to call 24/7 to inquire or provide feedback about the project. The Hotline calls result in an e-mail with an audio file being immediately sent to our Project Manager. This allows our Project Manager to address questions and complaints with a consistent message. The Hotline drastically reduces or eliminates the number of calls that need to be fielded by City Personnel. This is a no-cost, value added service that can be provided. The audio message for each of the calls is saved with the project records.

Example: Our project Hotline for the City of Palm Coast’s Belle Terre Parkway Four-Laning project has handled over 200 calls, fielded by our Project Manager, saving many hours of City employees’ time in addressing issues.

- **Public Informational Meetings** – We will help coordinate and facilitate public meetings in concert with the City. This meeting ideally takes place prior to construction commencing and is

a great way to review the details for the upcoming project in a formal, presentation style, town hall meeting format. After an informational discussion about the project, our project team will field questions and help relieve concerns identified by the public. To generate interest in the meeting, we can help inform the public about the meeting by distributing informational flyers.

- **Specific Stakeholder Meetings** – If necessary, we will meet with individual businesses, schools, churches, residents, emergency responders, etc. to address how the project will impact their operations. Showing them the Plans of the work, adjacent to their property, and walking them through the construction process is great way to relieve their concerns. Also, these individual stakeholder meetings are an effective way to coordinate with emergency responders and school transportation departments for revised bussing and access routes during extended detours.
- **Twitter** – We can setup a project Twitter account and post “tweets” on critical project news such as upcoming maintenance of traffic changes, detours, lane closures, outages, boil water notices, etc.
- **Project Website** – We can implement a webpage specifically for the project that posts project schedule, answers to frequently asked questions, maps, progress photos, bar charts that reflect complete percentages, traffic alerts, project news, etc. It is a useful and effective way to disseminate a large amount of information to a large amount of people. This website can be linked from the City’s website with an icon created to redirect to the project’s website for ease of access.
- **Sidewalk Superintendent Program** – Our team is accustomed to interacting with the public, local residents, and business owners. Since we will be temporarily “living” in the neighborhoods and adjacent to businesses, we want the residents and businesses to perceive they are an integral part of the process and to take “ownership” in the success of the project. Our Resident Inspector will introduce himself to each of the residents and businesses adjacent to the project and issue his business card to establish an open line of communication and to help reassure that the project will be a good neighbor during construction. The program is the basis of building the trust between our field staff and the project’s stakeholders.



7. Where is your staff office located for this project and what is the estimated response time (hours) to handle an after-hours emergency?

Our Senior Inspector, Mr. Steve Mix, will be relocated to the City of Port St. Lucie full-time during this project, similarly to when he was relocated to the City of Port St. Lucie full-time during the Port St. Lucie Boulevard Reconstruction Project between SW Greco Lane to SW Sansom Lane. ***In addition, we are executing a lease for office space at 8000 U.S. Highway 1, Suite 302, Port St. Lucie, FL 34952 to support this project as well as future City projects.***

Should an after hour emergency arise, **Mr. Mix will be able to respond to the issue within 10 minutes of notification.** Residing within the City limits will allow Mr. Mix a very quick and timely response time during emergency situations and will allow him to coordinate the response efforts directly from the project site. Residing locally will also give Mr. Mix the ability to drive by the project during

non-working hours while commuting throughout the City during the evenings and on the weekends during his leisure activities to notice and address any issues or problems (MOT, Dewatering or E&SC) during non-emergency times. Mr. Mix will be able to gauge significant rainfall totals during non-work hours for justification for any weather related impacts to the project. He will be called first, as our first line of response, during any emergency situation, and as with any situation, will be in direct and constant communication with our Project Manager, Mr. Ray Farcas, to resolve the issue.

8. Does your firm accept payment by Credit Card?

Yes, Hill International accepts payment by credit card.

9. List past 5 years of litigation history:

As you might expect with a company the size of Hill International, Inc., we are sometimes made a party to litigation arising from projects to which we are involved but indirectly related to the issues that are the subject of the litigation. At this time, Hill International, Inc. is not involved in litigation that would affect the performance of services required to be performed by us on this assignment.

10. List # of CEI projects awarded to your firm by the City in past 12 months and the total dollar amount.

Hill International, Inc. has been awarded the following CEI contract by the City of Port St. Lucie in the past 12 months:

Project	Total Dollar Amount Awarded	Final Dollar Amount
CEI for Port St. Lucie Boulevard Reconstruction	\$108,862.50	\$97,367.67

Not only does Hill pro-actively manage construction budgets, but we also pro-actively manage our own CEI budget to maximize the value we provide to our clients. Hill constantly evaluates its staffing levels throughout construction to ensure CEI services are efficiently being performed. Typically staffing can be adjusted based on the scope of work being performed by the contractor as well as the number of shifts and number of crews. Hill's CEI services are a function of time and are reimbursed based on actual hours expended at the approved rate. If the contractor is not working then we are not working. Hill takes pride in delivering our services under budget and as in the case on the Port St. Lucie Blvd Reconstruction Project, *we delivered our services at a 11% discount.*

Addendum Acknowledgment

Hill International acknowledges receipt of the following addenda regarding E-BID #20110088R:

Addendum Number	Date Issued
1	August 29, 2011
2	August 29, 2011

Copies of these addenda appears below.



BID ADDENDUM # 1
E-BID # 20110088R
Addendum Date: August 29, 2011

Construction Engineering Inspection Loutus Pond

Please make the following changes/modifications to the subject bid:

10. List # of geotechnical projects awarded to City in past 12 months and the total dollar amount.

Please change #10 question to below:

10. List # of CEI projects awarded to your firm by the City in past 12 months and the total dollar amount.

Page 9 of 19:

Remove reference of Jessica Lunsford Act.

I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20080132 & 20100113, and that all employees that will be working on site will comply with the Jessica Lunsford Act.

Correct statement.

I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20080132 & 20100113.

NOTE: The bid opening date is unchanged.

Instructions to Bidder:

Each bidder must acknowledge receipt of any addenda on the Questionnaire in order to have his/her bid or proposal/bid to be accepted.



BID ADDENDUM # 2
E-BID # 20110088R
Addendum Date: August 29, 2011

Construction Engineering Inspection Loutus Pond

Please make the following changes/modifications to the subject bid:

Page 2 of 19,

Please change the following.

Submittal of E-Bid - All proposals shall be submitted by completing and returning the Questionnaire. The Questionnaire should be typed or printed and signed. All submittals are required to be electronic. No hard copies will be accepted.

The Questionnaire is the Bid Reply.

NOTE: The bid opening date is unchanged.

Instructions to Bidder:

Each bidder must acknowledge receipt of any addenda on the Questionnaire in order to have his/her bid or proposal/bid to be accepted.

HILL
Hill International

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www.hillintl.com

July 20, 2011

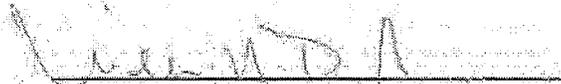
Cheryl Shanaberger
Office of Management & Budget
City of Port St. Lucie
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984-5099

Subject: Secretary's Certificate

Dear Ms. Shanaberger:

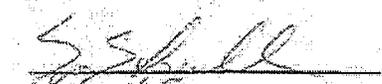
I, William H. Dengler, Jr., being the Senior Vice President, General Counsel and Secretary of Hill International, Inc, a Delaware corporation (the "Corporation"), do hereby certify that Daniel P. Sokol was elected to the office of Vice President of the Corporation by the Board of directors, effective January 1, 2011, and in such capacity is empowered and authorized to enter into and execute proposals and contracts on behalf of the Corporation. I further certify that such election has not been modified, amended, or repealed and is in full force and effect on the date hereof.

IN WITNESS WHEREOF, the undersigned has executed this certificate this 14th day of July, 2011.



William H. Dengler, Jr.
Senior Vice President, General Counsel
and Secretary

Sworn to and subscribed
before me this 14th day
of July, 2011



Notary Public

ERIN E. LEBCHAK
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 8, 2016

QUESTIONNAIRE
E-Bid #20110088
CEI for Loutus Pond

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 **6th** day of **September**, 2011

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, FL 34994

Phone: 772.692.4344; Fax: 772.692.4341

Email: gjones@gocaptec.com – Contact Person: Gary L.S. Jones, PE

2. *What is the experience of staff that will be assigned to this project in CEI for this type scope?*

Staff Name	Title	Years Description Experience														
Clark W. Cryderman, PE	Senior Project Engineer	<p>Mr. Cryderman is a Senior Project Engineer in the FDOT CEI field with 26+ years of progressive road, bridge and drainage related experience including MOT, stormwater pollution prevention, excavation, embankment, retaining/MSW walls, box culverts and drainage construction.</p> <p>Mr. Cryderman has extensive local experience and has served as Senior Project Engineer on many local projects including the Ernest Lyons Bridge design-build project and the Roosevelt Bridge project in Martin County. In addition, Mr. Cryderman has worked on dozens of bridge, roadway and Interstate projects throughout Florida.</p> <p>Mr. Cryderman is also an experienced survey party chief, able to perform highly complex assignments in field surveying /construction layout, making and checking survey computations. Contract administration experience includes: Site Manager, LIMS, bid preparation, cost estimates, force accounts, QA & QC material sampling and testing, public relations, purchasing, coordination of sub-contracts, FHWA participation, EEO/DBE administration, documentation of contract changes, and documentation and preparation of fixed estimates, claims and time extension requests.</p> <p>Mr. Cryderman has most recently served as Project Engineer for a CEI Oversight ARRA Compliance Contract for FDOT District 4. This entails oversight of all contractor's activities and documentation to ensure ARRA compliance from municipalities and local agencies throughout the Treasure Coast area for LAP projects "on" and "off-state" Highway System.</p> <p>Certifications:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">FDOT Advanced MOT</td> <td style="width: 50%;">CPTS & CPTCB Qualified</td> </tr> <tr> <td>QC Manager</td> <td>ACI – Level 1</td> </tr> <tr> <td>PTI Post-Tensioning</td> <td>Final Estimates – Level 1 & 2</td> </tr> <tr> <td>Asphalt Paving – Level 1 & 2 including SUPERPAVE of Interstate Hwy</td> <td></td> </tr> <tr> <td>ASBI Grouting Technician – Level 1 & 2</td> <td></td> </tr> <tr> <td>Hurricane Recovery Training</td> <td></td> </tr> <tr> <td>Complex Category 2 Major Bridge Structures: PT Segmental, PT Bulb-T, Steel Plate Girder, Movable Bridge Rehab / Operation / Paint</td> <td></td> </tr> </table>	FDOT Advanced MOT	CPTS & CPTCB Qualified	QC Manager	ACI – Level 1	PTI Post-Tensioning	Final Estimates – Level 1 & 2	Asphalt Paving – Level 1 & 2 including SUPERPAVE of Interstate Hwy		ASBI Grouting Technician – Level 1 & 2		Hurricane Recovery Training		Complex Category 2 Major Bridge Structures: PT Segmental, PT Bulb-T, Steel Plate Girder, Movable Bridge Rehab / Operation / Paint	
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Kevin J. Smith	Senior Inspector	<p>Kevin has performed Senior Inspector services for public sector clients including the City of Port St. Lucie, St. Lucie County Department of Engineering, Martin County, Okeechobee County, Indian River County and FDOT.</p> <p>Kevin has been conducting construction materials testing services & field explorations in S. Florida for over 28 years. Kevin has served as the project manager on thousands of testing programs for developments of all types, including roadways, multi-story buildings, bridges, auger-cast and driven pile installation projects. He is involved in all aspects of project management, from field investigations to report preparation. Some representative projects and contracts under which Kevin has worked during his career include the following:</p> <ul style="list-style-type: none"> • Village Parkway Phases I and II, City of Port St. Lucie, Department of Engineering, St. Lucie County, FL • Eastern Watershed Improvement Plan (EWIP) • Bayshore Boulevard, from Port St. Lucie Blvd. to Prima Vista Blvd. • Community Boulevard, from Discovery Way to Tradition Parkway • Southbend Boulevard • PGA Boulevard Widening (Taylor Morrison), Palm Beach County, Florida • Tesoro Residential Development (Culpepper & Terpening, Ginn Development and the City of Port St. Lucie) • Tropicana Juice Plant (Enerfab, Tropicana, Inc.) <p><u>Certifications:</u> ACI Level I Technician Nuclear Gauge Soil Density Certified Florida DOT/CTQP Certified Limerock Bearing Ratio (LBR) Technician 40 Hour Hazardous Waste Operation and Emergency Response Certification F-Number Measurement Certified Technician FDOT/CTQP ECI 1 Earthwork Technician</p>
Spencer E. Patterson	Inspector	<p>Spencer is a former City of Port St. Lucie employee; he served as a Commercial Construction Inspector for the City for 3 years. As such, Spencer is very familiar with the City's guidelines and requirements, as well as their goals and preferences for this type of project.</p> <p>His project duties while associated with the City included ensuring that project roadways, drainage piping and structures were constructed in accordance with DOT standards and specifications.</p> <p>Spencer provided construction inspection services for the Becker Road Interchange project, relative to road and bridge construction, Becker Road Improvement Project Phase I – Roadway and drainage construction and the City Center – drainage and roadway construction. Spenser also provided inspection services for several Commercial Development projects within the City.</p> <p>In addition, Spencer has an extensive history with FPL /nuclear procedures / testing requirements. He is a very structured individual, extremely organized and able to work with minimal supervision once project goals and guidelines are established.</p>

3. Number of part time CEI personnel that will be assigned to this project.

Staff Name	Years	Title	Description – Stormwater CEI Experience
Gary L.S. Jones, PE	32	Senior Project Engineer	<p>Gary Jones has 32+ years CEI experience spanning a wide range of project types, including stormwater improvements, roadway expansions, bascule bridge construction projects (which included mechanical inspection of pumps), utilities and site development. Mr. Jones oversees all of CAPTEC'S construction projects and is extremely familiar with the Tiffany Outfall project through CAPTEC'S involvement with the EWIP & NRCS projects. Mr. Jones serves as the liaison between the City and the contractor(s). He conducts thorough and comprehensive construction reviews to ensure that all improvements have been constructed in accordance with design intent / approved design documents and within the criteria of governing local, State and federal agencies. Mr. Jones has provided as-built surveying verification services in order to keep the contractor moving on the project. He has provided CEI services for the City of Port St. Lucie and other local municipalities on multiple similar stormwater improvement projects, including but not limited to the following:</p> <p>City of Port St. Lucie: EWIP – Howard Creek, East Lake Village Stormwater Improvements, E8 Watershed Improvements – Multiple Phases, HMGP Project #1545-132-R DROW Culvert Replacement, Darwin Blvd. Drainage & Roadway Improvements, D-17 Canal Re-grading, Dunbrooke Circle Drainage, Woodstork Trail at City Center Monitoring, NRCS Tropical Storm Fay Emergency Watershed Protection, NRCS Hurricanes Frances & Jeanne Emergency Watershed Protection, NRCS Hurricane Wilma Emergency Watershed Protection, E-17 Canal/C-23 Canal Emergency Outfall Improvements, E-8 Waterway/C-24 Canal Outfall Improvements. He also provided CEI services on stormwater projects for the City of Ft. Pierce: Moore's Creek, Drainage Improvements, NRCS Project No.: 125-406, the Town of Sewall's Point: Homewood Subdivision Stormwater Retrofit, Martin County: Tropical Farms STA / Phipps Park, Manatee Creek STA, multiple phases, Warner Creek STA, multiple phases, and the City of Stuart: Woodlawn Park CRA Stormwater Improvements. In addition, CEI services were performed for Martin Memorial Health Systems which included the construction of an electric pump with a diesel backup and a diesel pump for a total of 12,600 gpm capacity. This pump station is located at their North Stuart facility and protects the hospital from flooding during major storm events.</p>
Gerrit Barber	21	Project Administrator \ CEI Project Manager	<p>Mr. Barber has extensive local experience and served as an FDOT District 4 Project Administrator \ CEI Project Manager for 21 years; a sample of the projects worked on by Mr. Barber during his tenure at FDOT follows:</p> <p>Virginia Avenue, US 1 to the Orange Blossom Mall: ±1600' of 72" RCP piped to fill a ditch that ran parallel on the South side of Virginia Ave. along with ±3000' of 42" RCP pipe for the main trunk line, with multiple smaller pipes (cross drains) that tied into it. Over 200 structures were installed. The project included a box culvert constructed of double barrel 64' CMP pipe tying into SFWMD flood gates. Several head walls were also installed.</p> <p>Okeechobee Road & Delaware Avenue, US 1 to Hartman Road: over 35 structures with 24" & 36" RCP cross drains. There were a large amount of conflict boxes throughout the project that had to be incorporated due to unforeseen existing utility conflicts. Several existing structures were improved upon removing the P-tops and modifying the catch basin due to the proposed profile grade lines which conflicted with the existing P-top and manhole elevations.</p> <p>25th Street - Virginia Ave. to Edwards Rd, Ft. Pierce: 42" RCP main truck line with 12" & 24" RCP cross drain connections. ±12 yard drains connecting to the main trunk line to handle drainage from adjacent property.</p>

Joseph W. Capra, P.E	33	Quality Control	Mr. Capra has over 33 years of relevant experience and is CAPTEC'S President/Principal. As such, his role will be in the area of Quality Control, ensuring that required documentation procedures are followed, any RFIs or queries from the City or the contractor are answered in a timely and complete manner, and attending public meetings on an as needed basis in order to provide residents with a clear explanation of the improvements being made in their neighborhood. Mr. Capra has performed CEI services on multiple public Treasure Coast area stormwater projects including: East Lake Village Stormwater Improvements, City of Port St. Lucie Moore's Creek, Drainage, NRCS Project No.: 125-406, Ft. Pierce Homewood Subdivision Stormwater Retrofit, Sewall's Point Tropical Farms STA / Phipps Park, Martin County Manatee Creek STA, multiple phases, Martin County Warner Creek STA, multiple phases, Martin County Danforth Creek Stormwater Retrofit, Martin County Sunset Trail Stormwater Retrofit, Martin County Port Salerno CRA Stormwater Improvements, Martin County Fisherman's Cove/Coral Gardens Stormwater Retrofit, Martin County Kitching Creek Stormwater Retrofit, Martin County Fern Creek - Wet Detention / STA Retrofit, Martin County Hibiscus Park Stormwater Improvements, Martin County Woodlawn Park CRA Stormwater Improvements, Stuart and the D-10 Pump Station for the Town of Palm Beach
Rhett Keene, PE	10	Engineer Inspector Support	Mr. Keene has been involved in the EWIP project since 2008 and is extremely familiar with the design / permitted intent of the Tiffany Outfall project as well as the proposed construction sequencing. He attended the pre-construction meeting as well as the testing of the new Tiffany / Blackwell pumps with City representatives. His in-depth knowledge of the project will serve to provide the City with invaluable relevant experience during the construction process. Mr. Keene has provided local municipalities with design through CEI services on dozens of stormwater improvement projects throughout the Treasure Coast, including the City's EWIP (Howard's Creek), East Lake Village project, E8 Watershed Improvements, and Woodstork Trail monitoring. In addition, Mr. Keene has provided design through CEI services on dozens of projects for nearly every drainage basin in Martin County. Mr. Keene has also completed the majority of the basin studies for the City of Port St. Lucie stormwater basins.
Steve Marquart, PE	30	Engineer	Mr. Marquart has also been actively involved with the EWIP project since 2008; he has provided extensive coordination with the contractor, Melvin Bush Construction, and the pump manufacturer, MWI. He attended the testing of the new pumps and has met with Steve Bush to discuss construction sequencing and various aspects of the Tiffany Outfall project. Mr. Marquart will continue to provide these services throughout the construction process to ensure that all participants are "on the same page". He has provided CEI assistance on multiple City stormwater projects including: E8 Watershed Improvements, HMGP DROW Culvert Replacement, Darwin Drainage / Roadway Improvements, D-17 Canal Regrading, Dunbrooke Circle Drainage Improvements, NRCS Hurricanes Frances & Jeanne Emergency Watershed Protection, NRCS Hurricane Wilma Emergency Watershed Protection, NRCS Tropical Storm Fay Emergency Watershed Protection, E-8/C-24 Canal Outfall and E-17 Canal/C-23 Canal Emergency Outfall Improvements.
Don Rabener	2	Inspector Support	Mr. Rabener has been providing CEI services for CAPTEC for the past 2 years. His stormwater CEI experience includes the City of Port St. Lucie's Dunbrooke Circle Drainage project, and various Martin County projects including: Tropical Farms STA / Phipps Park, Manatee Creek STA, multiple phases, Warner Creek STA, multiple phases, Port Salerno CRA Drainage Improvements.

4. *What is the overall company experience on CEI contracts for Stormwater, Detention Pond and/or Stormwater Treatment Area construction projects?*

CAPTEC staff members have provided CEI services for many stormwater projects with detention pond / STA components. For example:

E-8 Canal Stormwater Retrofit - Phase 1, City of Port St. Lucie: CAPTEC provided design through CEI services for this first phase of a FY 2006 244 acre stormwater quality retrofit BMP improvement for the Watershed "B" drainage basin. The project included the creation of a Stormwater Treatment Area, installation of sheet pile weir control structure, and installation of multiple operable control structures and gates. Provided NRCS/SFWMD grant coordination. Completed in 2008.



E-8 Waterway Phase 2 Water Quality Retrofit, City of Port St. Lucie (2009): Phase 2 of the above project; CAPTEC provided design through CEI for a project area of 1,756 acres in central & west sections of Watershed "B"-¼ acre lot residential development. Improvements included 2 Stormwater Treatment Areas to reduce sediment & pollutant loads discharging into the C-24 Canal & North Fork of the St. Lucie River. Modified 2 detention areas for Stormwater Treatment Areas & installed nutrient-laden sediment separating baffle boxes. Provided NRCS/SFWMD grant coordination.

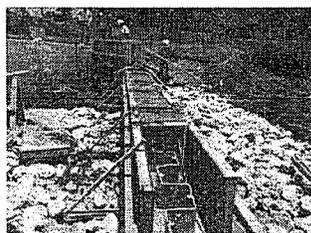
East Lake Village Subdivision, City of Port St. Lucie: coordinated with multiple contractors for phased site development improvements including mixed use, residential and roadway/ stormwater/utility improvements for this new 100 acre subdivision in southeastern Port St. Lucie. CAPTEC provided CEI services for the oversight of the project. Improvements consisted of construction of +15,700 lf of new sanitary sewer, 19,300 LF of water mains, 2 lift stations, 17,300 lf of drainage pipe and 160,000 cy of excavation.



Western Palm City Corridor (Citrus Boulevard), Martin / St. Lucie Counties:

Performed preliminary route analysis through CEI services for Martin County for a new 5.6 mile 2-lane undivided corridor between Martin and St. Lucie Counties. Services included stormwater management design through CEI of a Stormwater Treatment Area. This project included creation of a 64-acre flow through marsh and wetlands.

Warner Creek, Martin County: Provided design through CEI for the creation of a Stormwater Treatment Area that would provide 8.7 acre-feet of water quality attenuation and storage for the 5,029 acre drainage basin that drains through Warner Creek. The project also involved the installation of 745 linear feet of fiber reinforced polyester (FRP) sheet pile baffle wall, an 80' clear span aluminum pedestrian bridge with concrete abutments and regrading and replanting within the Warner Creek channel.



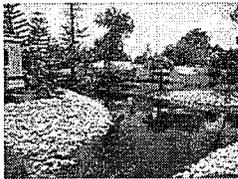
Manatee Creek: A stormwater improvement project for Martin County was performed in 3 phases and included design through CEI activities associated with tasks including creation of 5 Stormwater Treatment Areas, lake excavation, installation of 3 box culverts within the existing creek, installation of 3 sheet pile weir control structures, relocation of 8" potable water main and 6" wastewater force main.

Flora Avenue Wetland Restoration: Provided design through CEI services for a Martin County stormwater improvement project that included headwater revitalization, rehydration of disturbed wetlands, redistribution of stormwater and restoration of historic wetlands. The project involved the excavation of a 4.5 acre multi-cell Stormwater Treatment Area, installation of storm piping, box culvert, and a water quality control structure and ditching that discharged to Jonathan Dickinson State Park.



Rio / St. Lucie Water Quality Retrofit: Provided design through CEI services for this Martin County stormwater project which included creation of a 1 acre Stormwater Treatment Area, installation of piping and inlets from the STA to an existing lake, and installation of a water quality control structure on the existing 48" outfall pipe, within the existing lake.

Coral Gardens Retrofit Project: Provided design through CEI services for a stormwater quality retrofit project for Martin County that included design and CEI for a 4.7 acre Stormwater Treatment Area and a sheet pile weir control structure at the S.R. 76 / Kanner Highway outfall to the St. Lucie River. The project also involved the installation of ditch pavement at a bridge crossing.



Fern Creek: Provided design through CEI services for the excavation of the Fern Creek Canal, creation of a 10-acre Stormwater Treatment Area (STA), installation of sheet pile weir control structure, and excavation of a new outfall channel for the STA, which was tied back in to the Fern Creek Canal.

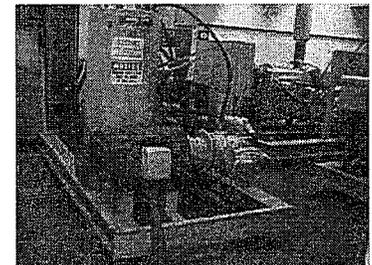


MMHPLUMP 1144-1-7-08-1



Martin Memorial North Campus Stormwater Pump, Martin Memorial Hospital: CAPTEC provided design, permitting and CEI services for a replacement pump chamber to include flotation calculations and pump curves to ensure flows are equal to the current pump flows. This pump station was coordinated in 2008 with MWI pump manufacturer which included design, acquisition coordination, and testing. The system was a total redesign with seawall construction and storm pipe modifications at MMHS's north campus to protect the hospital from major storm events.

D-10 Pump Station, Town of Palm Beach: CAPTEC provided analysis, design and CEI services for the 120 acre Town of Palm Beach D-10 Drainage Basin to help alleviate flooding during 100 year storm events. This included significant upgrades to existing storm sewer pipe systems, adjustment to the potable water and force main utilities, and coordination with the adjacent residential homes for tie-ins to the existing roof drains and pool overflows that tied into the storm sewer system. Recommendations to upgrade the existing pump station included pump station expansion and pump upgrades from 3 hydraulic pumps to 5 – 30" electric submersible pumps (300 cfs capacity). The pump manufacturer for this project was also MWI.



5. *In your Company's experience, what are the challenges and issues associated with the construction portions of these projects?*

EWIP

As the Eastern Watershed Improvement Project (EWIP) design engineer, including the Loutus Pond Improvements, we believe our office is uniquely qualified to proactively address, avoid and/or minimize any challenges or impacts associated with this construction phase of the EWIP project. We have been working with the City of Port St. Lucie and the City's various contractors on multiple phases of the overall project for several years.

Loutus Pond

The scope of this project involves considerable earthwork (over 12,000 dump truck loads or 24,000 trips), storm pipe installation (24" to 72"), installation of a vinyl sheet pile weir and structural concrete cap, construction of an emergency pump station wet well and pad, approximately ½ mile of 36" stormwater force main, and rehabilitation of the sheet piling within Blackwell Reservoir that was designed to contain over 400 acre-feet of stormwater.

The project work area is spread over 1.5 miles and located within the limits of both the City of Port St. Lucie and Martin County. Therefore, the proposed work will be performed in both Port St. Lucie and Martin County. Given the construction timeline, it is likely that work will be occurring in multiple locations simultaneously. The contractor may be installing 36" stormwater force main in Martin County, while also installing sheet pile weir over 1 mile away. CAPTEC has multiple inspectors that are available for this project and would be dedicated to providing project coverage as it is required.

Installation of vinyl sheet piles needs to be carefully monitored to insure proper installation methods and to verify proper depth of embedment. Improper installation methods, such as using a vibratory hammer with a steel sheet pile head will result in damage to vinyl sheeting and decreased installation depth.

Installation of the 36" stormwater force main needs to be closely monitored for proper compaction of bedding and backfill. Installing this force main and the fiber optic lines, maintaining drainage and providing area access is critical for the smooth progression of this construction project.

The sheet pile rehabilitation areas will need to be inspected to determine where repair plates need to be welded in place. CAPTEC has completed similar work for the City at the H-10 weir structure.

As previously stated, this project will require removal of over 12,000 dump truck loads of fill. CAPTEC has worked with the City of Port St. Lucie and Sam's Club to obtain an easement for this work to be completed with direct access to U.S. 1. CAPTEC will coordinate the proper notification of Sam's Club personnel for the work, review the contractors progression of work across the Sam's access to confirm minimal disruption to Sam's business, and verify any necessary restoration of the access drive upon completion of the work.

Hurricane preparedness:

Since the project will be constructed during hurricane season, it is important that the contractor have a preparedness plan in place. This project is an integral part of the EWIP program, whereby the work in and around the Blackwell Reservoir and Pump Station will require that all facilities will need to be fully operational during any major storm event. Therefore, Hurricane preparedness efforts will need to be utilized in the event of an approaching storm and discussed at weekly meetings by the construction team. However, the contractor will be required to file a plan that, in general, will incorporate the criteria outlined below:



Initial Notice of Pending Storm via Radio and/or Television:

The Contractor will notify the City of the storm and both entities will follow the tracking to determine if the project site will be in the cone of influence for the storm.

The Contractor will make plans for the storage/removal of all equipment and materials on the project.

The Contractor will make sure the City has an up to date emergency list for the Contractor's personnel and the City will provide the Contractor with a list of appropriate City emergency personnel. (As the CEI firm, CAPTEC will also provide the Contractor and City with emergency contact information. CAPTEC will also monitor preparations to verify that these protective measures are followed.)

72 Hours Prior to Landfall:

The Contractor will open all drainage to minimize flooding of the adjacent neighborhoods and roads.

The Contractor will make necessary improvements to the project to protect his work.

The Contractor will begin securing all materials and equipment on the project.

The Contractor will install any necessary pavement markings on the pavement anticipating the removal of all temporary devices.

48 Hours Prior to Landfall:

The Contractor will remove all temporary signing and Maintenance of Traffic devices from the roadway.

The Contractor will complete the securing of all materials and equipment on the project.

The Contractor will notify the City of the securing of the project.

The Contractor will vacate the project site.

24 Hours Prior to Landfall:

Emergency personnel for the Contractor (and CAPTEC) will be available by cellular phone.

All Contractor personnel will be off the project site.

12 Hours Following the Hurricane Event:

Contractor (and CAPTEC) emergency personnel will review the site and make preparations for any repairs.

The Contractor will notify the City emergency personnel of the status of the project site.

The Contractor will document all damage caused by the storm event.

6. *Please provide insights or innovative procedures for how your company would deal with or interface with the local residents and property owners who are adjacent to the limits of the projects.*

Loutus Pond

The Loutus Pond project is located in a predominantly residential subdivision; it is crucial that the contractors maintain a safe construction site throughout the duration of the project. Given the proximity of the work to the existing homes and residents backyards, we would insure that the contractor is held responsible for any property damage that may occur as a result of construction. **Project plans have been prepared to minimize impacts to the adjoining residents by maintaining buffers and building improvements on the opposite side of the canals from the residential properties. These points will offer some comfort to the residents, but more monitoring and pressure from the CEI team will be needed to keep the construction from annoying the residents. Careful marking and preservation of existing buffer/trees will be monitored by the CEI team.**

Access

CAPTEC has been in contact with SAM's Club and their Engineer for over a year to provide project status updates and coordinate aspects of the project around the site. CAPTEC also assisted the City in obtaining temporary construction easements from SAM's so that the Contractor will have direct access to US Hwy 1, which could keep the 24,000 dump truck trips off of City owned streets for the excavation of the Loutus Pond. The Sam's Club easements contain specific criteria which requires safe accessibility of Club patrons and avoids construction activities during their peak economic season.

Regarding contractor access for pump station dewatering coffer dams, CAPTEC would recommend that the contractor utilize the Berkshire Blvd. right of way south of S. Blackwell Drive to install a temporary roadway with culverts to cross the waterway. Another option based on our CEI experience during installation of the ACB mats on the Blackwell Reservoir, access can also be obtained to the Green River Parkway from the Blackwell Reservoir berms.

Public Awareness / Resident Concerns

Channel re-grading and stormwater force main installation will occur across the canal from 27 City of Port St. Lucie residences. CAPTEC would go to each of these homeowners and deliver project information sheets to inform them of the proposed work and act as a liaison between the homeowner and the Contractor/City.

CAPTEC would inform the residents when the contractor is expected to be working in the area and would utilize tools such as door hangers and flyers to advise residents of road closures, impacts to water service, etc.

CAPTEC recommends conducting periodic milestone neighborhood information meetings. The first meeting could be held prior to construction to advise residents of contractor's work schedule (hours of operation), the limits of construction, anticipated road closure locations and the duration of the closure. CAPTEC will provide the residents with contact information in the event of concerns or questions. Subsequent meetings could be held to advise of upcoming utility impacts, update residents on overall project progress, and / or advise of any adjustments to previously provided information.

Although the Contractor is required to video the areas prior to construction, CAPTEC provides its own video service to obtain more precise video of areas where we think that a problem may occur, such as adjacent structures, slabs, cracks in walls, broken windows, etc. that the contractors service may not pick up.

The Contractor is required to obtain a permit from the City Engineering Department and Martin County prior to any land clearing activities. The Contractor will also be required to provide proper notification to the residents in the area of the work.

CAPTEC inspectors will confirm that the contractor has placed, monitors & maintains barricades & silt fences throughout construction and that all barricades and silt fences are removed following construction.

CAPTEC's Director of Construction Services, Gary Jones, has visited the project site and discussed the work with interested property owners. All seemed to recognize the project need and hope that their lives will not be

significantly disrupted. The project design team has taken a lot of care to provide sufficient buffers for the project. The contractor and CEI group will need to work hard to maintain the buffers by avoiding any unnecessary clearing activities.

CAPTEC would recommend that a sign be posted with contact information on project site for resident concern resolution.

The contractor will be required to obtain a Noise Permit from the City's Police Dept. for any overnight work; overnight activities will need to be minimized in residential areas.

Critical Construction Items

Work will be performed within the City of Port St. Lucie and Martin County. Work in Martin County will need to be coordinated with the Martin County Engineering Department (CAPTEC has discussed this issue with Don Donaldson & his staff) for inspection of the 36" stormwater force main that runs through Eagle Marsh Subdivision to the Blackwell Reservoir. The outfall structure within the Blackwell Reservoir will need to be installed when the water level is low enough to create a stable, dry, bedding surface for the discharge structure and flap gate.

Another critical item of the 36" stormwater force main is the installation of the sand diaphragm (seepage barrier / cutoff wall), pile jacket repairs, sheet pile repairs and the Articulating Mat construction at the Blackwell reservoir. CAPTEC's staff members have performed CEI services for several previous sand diaphragm installations and have experience with all the aforementioned operations. All of these items require close monitoring by experienced FDOT certified inspectors.

Emergency Portable Pump Station

The Emergency Portable Pump Station pad will be constructed adjacent to existing residential neighborhoods. The pump station facility was built for easy access by the City Public Works personnel. The construction and layout of the facility is critical for the proper operation of the emergency pump. The CEI personnel at CAPTEC are keenly aware of the need to build the facility for proper operation. In addition, CAPTEC's staff have already visited the MWI manufacturing site to view the operation of the Emergency Portable Pump and all pumps for the EWIP project.

CAPTEC's staff is experienced inspecting the emergency pump station pad reinforcing steel and concrete. This steel and concrete will need to be inspected for proper size, placement, clearances and mixes.

General Project Comments

This project requires Dewatering that will need monitoring for potential impacts to adjacent properties and surrounding utilities. Construction of the 36 inch storm pipe and IT lines, while maintaining the stormwater ditches, will be performed in confined areas that will need to be in full compliance with OSHA standards with minimal disruption to adjacent residents.

The project will require Pre vs. Post surveying by the Contractor and careful monitoring/checking by the CEI team.

Contractor / Bid Observations

Finally, CAPTEC will be closely monitoring the contractor, American Earth Movers (AEM), on this project. This is apparently the first project that this Miami-based contractor has been awarded by the City of Port St. Lucie and we believe both entities need assurance that proper communication and full compliance of the construction documents have been met for the Loutus Pond and Blackwell waterway improvements. The Blackwell pump station is one of the "heartbeats" of the overall EWIP project and it is a key element that needs to be constructed as designed in order for the EWIP project to be successful.



In addition, CAPTEC has reviewed AEM's bid and noted several items that need to be closely monitored in order to avoid over runs on the project.

It should be noted that the Mobilization costs on Schedule 1 & 2 are extremely high. Therefore, at the beginning of the project, a Payment Schedule should be agreed upon in compliance with FDOT Standards outlined in the contract.

There are several items that were bid higher than several of the other Bidders and the Inspectors will be conscious of these costs during construction:

- The Staked Turbidity Barrier, Milling and 72" Stormwater End Walls costs are very high. These items can be limited or alternates considered.
- The Articulating Block Mat costs are substantially lower than the City has paid in the past. This Bid Item clearly states how payment is made for this work. The Contractor may need to review this item with the City.
- Finally, the Sheet Pile Repair work at the Blackwell Reservoir is bid very low. Again, this work should be clarified by the Contractor to confirm full compliance with the Specifications.

It is CAPTEC'S intent to work closely with City staff and the Contractor as a team to complete this project. As in the past, CAPTEC will work with the City's best interest first. We will be firm with the Contractor to make sure the construction meets the project specifications and, knowing the project design intent, we will also be flexible enough with the City staff/ Contractor to consider options that may provide a better product or cost savings. Our team will be proactive throughout the construction phase to ensure the project is completed on time and within the City's budget.

Finally, it is our understanding that some grant funds may become available for this project and the CAPTEC team will work with the Contractor and the City to phase construction work in order to obtain these funds without missing the final deadline for completion of the Loutus Pond Project.

7. *Where is your staff office located for this project and what is the estimated response time (hours) to handle an after hour emergency?*

Our office is located in Stuart, FL adjacent to the northern foot of the Roosevelt Bridge; however, Gary Jones is available in the event of an after hour emergency. Drive time between his residence and the project site is 5 minutes @ 3.2 miles.

8. *Does your firm accept payment by Credit Card?* Yes

9. *List past 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 and 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 during the Bayshore Blvd. widening project (CAPTEC was the City's Engineer of Record & performed CEI services for this 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 in the total amount of \$40,000.

These 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 in the past 5 years.

10. List # of CEI projects awarded to your firm by the City in past 12 months and the total dollar amount.

Project/Contract	CEI Fee
E8 Watershed, Phase III Intermittent CEI Services - P20112282-05	\$ 8,725.00
Bridge 945265 Slope Repair CEI - PO#20102506	\$1,500.00
CDBG Drainage Projects (FY 2010) E/W Dunbrooke Circle - Contract 20050073	\$15,000.00 This fee is 100% reimbursable to the City through CDBG & CDBG-DRI funding; therefore, cost to the City = \$0.00
E-8 Canal NRCS Emergency Watershed Protection Repairs Contract #20100060 / PO 20112550	\$95,000.00 This fee is 100% reimbursable to the City through NRCS funding; therefore, cost to the City = \$0.00

Note: CAPTEC has proactively assisted the City in obtaining \$48,756,573 in grant funding to date, requiring only a match of \$12,669,757 by the City. See following grant funding outline.

**July 2011
Grant Funding Summary
CAPTEC / City of Port St. Lucie Projects**

Agency	Project Title	ID Number	Total	Agency Funding	PSL Match
FDEP 319h	Woodstork Trail	17-31904	\$ 1,626,929	\$ 550,000	\$ 1,076,929
	Blueway/Greenway II-B (transferred to City Center)	G0178	\$ 1,110,000	\$ 500,000	\$ 610,000
FL FOREVER	E-8 Waterway Ph 1 WQ Retrofit	S0239	\$ 1,522,000	\$ 750,000	\$ 772,000
FDEP TMDL	EWIP Cane Slough Stormwater Park	S0507	\$ 2,455,175	\$ 500,000	\$ 1,955,175
	EWIP Cane Slough Stormwater Park, Phase II	TBD	\$ 2,646,286	\$ 500,000	\$ 2,146,286
ST LUCIE RIVER ISSUES TEAM	Mechanical Sweeper/Vac Truck (In kind svcs match)		\$ 331,000	\$ 148,000	\$ -
	Watershed "A" Water Quality Retrofit	OT050686	\$ 350,000	\$ 100,000	\$ 250,000
	Watershed "B" Water Quality Retrofit	OT050687	\$ 150,000	\$ 75,000	\$ 75,000
	E-8 Canal Phase 2 Water Quality Retrofit	OT060143	\$ 1,000,000	\$ 500,000	\$ 500,000
	Blueway/Greenway II-B Water Quality Retrofit	460000503	\$ 300,000	\$ 150,000	\$ 150,000
	EWIP Howard Creek STA Water Quality Retrofit	4600002098	\$ 2,000,000	\$ 964,884	\$ 1,035,116
	E-8 Canal Phase 3 Water Quality Retrofit	4600002030	\$ 400,000	\$ 178,641	\$ 221,359
FEMA HAZARD MITIGATION	City-Wide DROW Culvert Replacement	1545-132-R	\$ 2,800,000	\$ 2,100,000	\$ 700,000
	PSL St. Lucie North Improvements	1561-122-R	\$ 1,162,600	\$ 871,950	\$ 290,650
	Watershed A&B Drainage Improvements	1561-117-R	\$ 5,893,800	\$ 4,420,350	\$ 1,473,450
NRCS-USDA EMERGENCY WATERSHED PROTECTION	Hurricanes Frances & Jeanne EWP Repairs	69-4209-5-1629	\$ 3,500,000	\$ 2,625,000	\$ 875,000
	Hurricane Wilma EWP Repairs	69-4209-6-1607	\$ 14,116,029	\$ 13,915,237	\$ 200,792
	Tropical Storm Fay EWP Repairs	69-4209-9-1713	\$ 1,427,882	\$ 1,427,882	\$ -
	E-8 Canal Emergency Watershed Protection Repairs	69-4209-11-1769	\$ 2,000,000	\$ 1,662,000	\$ 338,000
COMMUNITY DEVELOPMENT BLOCK GRANT	Darwin Blvd. Road Reconstruction (Sheltra)		\$ 1,826,000	\$ 1,826,000	\$ -
	Darwin Blvd. Cross Street Culvert Upgrade (Tulip)		\$ 153,000	\$ 153,000	\$ -
	Ardley Drive Drainage Upgrades		\$ 183,517	\$ 183,517	\$ -
	E/W Dunbrooke (CDBG)		\$ 199,727	\$ 199,727	\$ -
	E/W Dunbrooke (CDBG-DRJ)		\$ 348,372	\$ 348,372	\$ -
	Tiffany Avenue Sidewalks (Felix)		\$ 259,256	\$ 259,256	\$ -
	D-17 Canal (includes engineering)		\$ 995,000	\$ 995,000	\$ -

Column Totals	\$48,756,573	\$ 35,903,816	\$ 12,669,757
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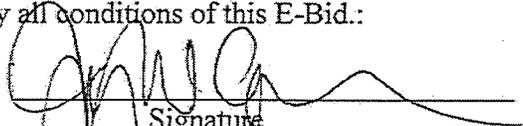
ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued
1	8/29/11
2	8/29/11

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 #20080132 & 20100113.

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



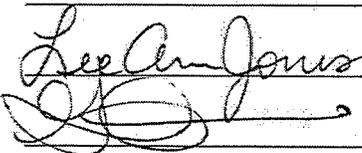
 Signature

 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: _____ **If Partnership:** _____

 Print Name of Firm



By: _____
 (General Partner)

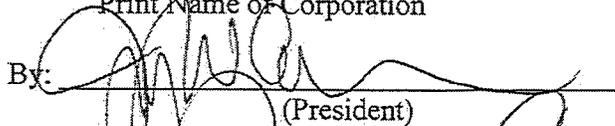
If Individual:

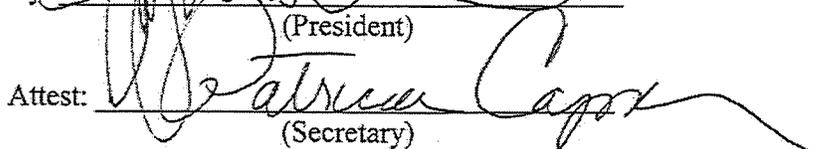
 Signature

 Print Name

If Corporation:

 CAPTEC Engineering, Inc.
 Print Name of Corporation

By: 
 (President)

Attest: 
 (Secretary)





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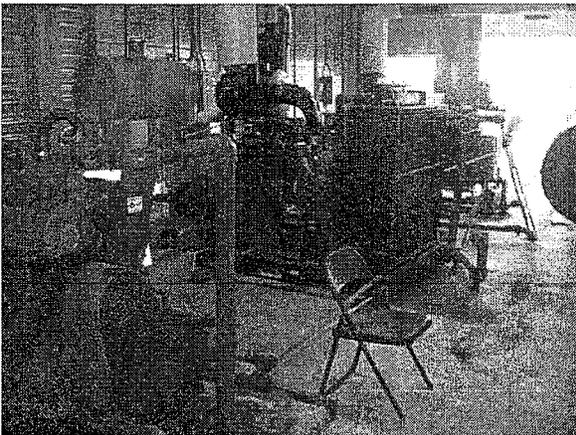
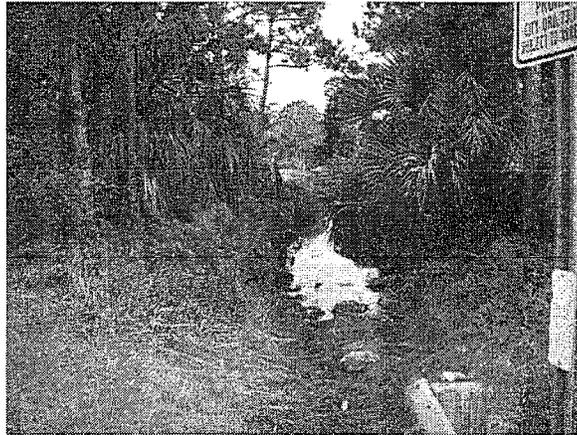
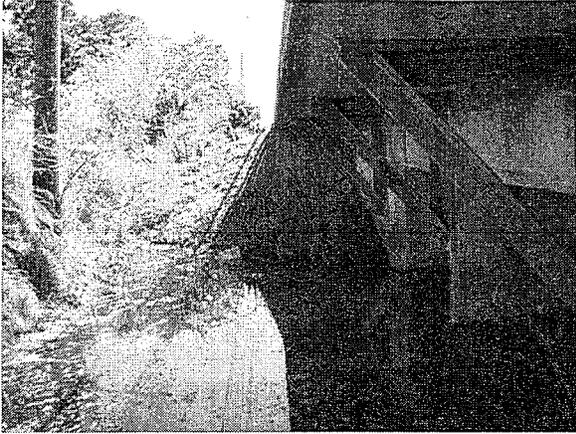
CITY OF PORT ST. LUCIE

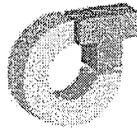
**Sealed Electronic Proposal #20110088R
(E-Bid)**

Construction Engineering Inspections Loutus Pond

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







CULPEPPER & TERPENING, INC
CONSULTING ENGINEERS | LAND SURVEYORS

September 6, 2011

VIA: E Bid

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

Project 11-197
Contract 20110088R
Sender's Email: butch@ct-eng.com

RE: CEI for Loutus Pond
City of Port Saint Lucie Contract # 20110088R
Master Contract # 2010113
Professional Construction Engineering Inspection Services

Dear Ms. Shanaberger,

On behalf of the firm of Culpepper & Terpening, Inc., we are pleased to present our sealed electronic submittal of the completed Questionnaire for CEI Services for the City of Port St. Lucie's Loutus Pond Project.

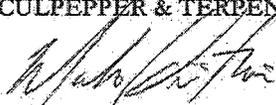
Culpepper & Terpening has many years of history in assisting the City on their most important projects, including: the Crosstown Parkway, the Biotech Corridor, City Center, and the USA Water & Sewer Expansion. As members of the community, we fully understand the challenges on this project, including: resident satisfaction, quality assurance, environmental preservation, flooding concerns, safety, aesthetics, and schedule & budget concerns. As presented in our submittal, Culpepper & Terpening is best qualified to deliver this project successfully for the following reasons:

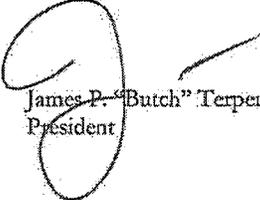
- Understanding of the Project Scope, Schedule and Budget;
- Staff experience and certifications on this type of work;
- Familiarity with the City Staff & procedures;
- A thorough understanding of the Loutus project based on site inspections and review of the plans;
- Significant past firm and staff experience on this exact type of work; 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.


Marcelo Dimitriou, P.E.
CEI Director

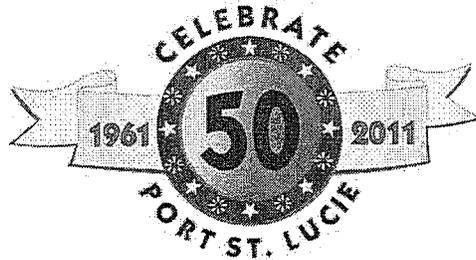

James P. "Butch" Terpening, Jr., P.E.
President

A LEGACY OF EXPERTISE AND EXCELLENCE

2980 SOUTH 25TH STREET | FT. PIERCE, FL 34981 | (772) 464-3537 | FAX: (772) 464-9497



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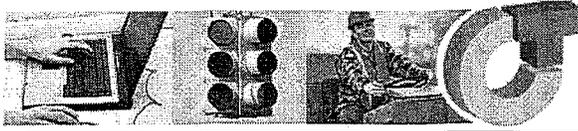


CITY OF PORT ST. LUCIE

**Sealed Electronic Proposal #20110088R
(E-Bid)**

Re-bid Construction Engineering Inspections Loutus Pond

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 #20110088R
CEI for Loutus Pond**

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 6 day of September, 2011

Culpepper & Terpening, Inc.
Name of Organization / Proposer

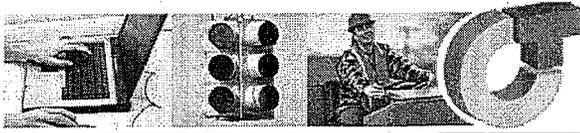
1. Firm's office address, telephone, fax number, e-mail address and contact person for this project

Culpepper & Terpening, Inc
2980 S. 25th Street
Ft. Pierce, FL 34981
Phone: (772) 464-3537; Fax: (772) 464-9497
Email: mdimitriou@ct-eng.com
Contact: Marcelo Dimitriou, P.E. – CEI Director

2. What is the experience of staff that will be assigned to this project in CEI for this type scope?

Culpepper & Terpening, Inc. has reviewed the construction plans, specifications, permits, and conducted site visits. Based on our understanding of the project's scope we have selected the proposed Project Team with the specific project challenges in mind. Our Project Team consists of the following:

Staff Name	Title	Years	Description Experience
Marcelo Dimitriou, P.E.	CEI Director/Sr. Project Mgr.	23 years	CEI & Contractor
Fred Jones	Resident Senior Inspector	18 years	CEI
Tom Terpening, Jr.	Lead Senior Inspector	35 years	CEI & Contractor
Chris Frederick	Inspector	16 years	CEI & Construction Survey
Terri Gorman	Resident Compliance Specialist	6 years	CEI



Why Culpepper & Terpening

1. A firm culture of understanding the Project's **Scope, Schedule and Budget**;
2. Expensive and up-to-date Training & Certifications;
3. Experienced CEI Staff on this type of work;
4. Past experience on neighborhood coordination in Port St. Lucie;
5. Past Experience with project stakeholders i.e.: School Board, FDOT, F P&L and other Utilities;
6. Staff with the most experience working on the Contractor side and understanding of their issues;
7. Ability to obtain survey information with on site staff to verify contractor layout and quantities;
8. Extensive coordination experience with Martin County; and
9. Efficiency of Staff as a continuation of the Lennard Square Project.

Project Team Experience

Our assigned staff offers the City a team with significant experience for the scope of the Loutus Pond/Blackwell Waterway project. Our Project Team experience, training and certifications include the following:

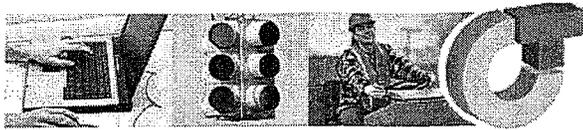
General Team Experience

- MOT and detours within the City of Port St. Lucie and State Right-of-Ways;
- Stormwater pond excavation;
- Channel and ditch restoration, excavation and grading;
- Installation of large concrete culvert pipes;
- Utility coordination and relocation experience in accordance with PSLUSD standards;
- NPDES and SFWMD permit compliance;
- Force main installation;
- Stormwater pump stations;
- Sheet pile installation and restoration of sheet piles and other facilities;
- Installation of articulated block mats and rip rap;
- Tree protection and relocations;
- Roadway restoration;
- Resident and business coordination on City of Port St. Lucie and Martin County projects; and
- Thorough knowledge of the project areas from living and working in the City.

Training and Certification

Culpepper & Terpening, Inc. through training and certification of our management team, inspectors and compliance specialists, will assure that the highest quality final product is provided. Our extensive Maintenance of Traffic (MOT) and OSHA safety training *minimize the risk* for our client and enhance the *safety* of the general public during all construction. Our CEI professionals have received training and certifications directly associated with performance of the scope of work in the project as follows:

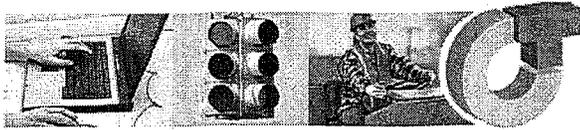
- MOT Advanced Work Zone
- MOT Intermediate Work Zone
- OSHA 30 Hour Safety Training Program



- OSHA Construction Safety
- ACI Concrete Field Testing Technician Level 1
- ACI Concrete Level 1
- CTQP Asphalt Paving Level 1 & 2
- CTQP Drilled Shaft Installation
- CTQP Earthwork Construction Inspection Level 1 & 2
- CTQP FDOT Concrete Field Inspector Level 1
- CTQP Final Estimates Level 1
- CTQP Final Estimates Level 2 (scheduled 10/11/11)
- CTQP QC Manager
- FDOT Site Manager
- FDOT Limerock Bearing Ratio Testing
- FDOT Multi-Line Earthwork Basic
- FDOT Project Engineers School
- FDOT Local Agency Project Training
- FDOT Claims Analysis & Review
- FDOT EEO, Certified Payroll and DBE Compliance Training
- FDOT EEO, DBE & Payroll Compliance on Local Area Projects
- FDOT 8 hour LAP Workshop
- USDOT Haz-Mat
- NPDES Storm Water Management Inspector
- NPDES FL Stormwater, Erosion & Sediment Control
- Troxler Nuclear Density Certification
- Bechtel Excavation Support Training
- Bechtel Project Management Training
- Bechtel Soil Stabilization
- ATSSA Worksite Traffic Supervisor
- HDR Project Management Training Experience Signals 1
- IMSA Work Zone Safety Specialist
- Microsoft Applications

Staff Name	Title	Years Description Experience
Marcelo Dimitriou, P.E.	CEI Director/Sr. Project Mgr.	23 years

As the Project Manager - Mr. Dimitriou will be the Project Manager and is responsible for the **Scope, Schedule and Budget**. He has over 23 years of CEI and contractor experience on heavy civil projects including components related to this project such as stormwater ponds, roadway construction, underground and above ground reservoirs, concrete box culverts, large diameter (up to 120") RCP culverts, stormwater pump stations, canal restoration & armoring, structural concrete, canal relocations including bypassing of flow, and numerous roadway reconstruction projects. This experience has included construction methods including sheet piles, bypass pumping and the use of cellular cofferdams. He has been responsible for projects of up to \$300 million in value and has experience on analysis of claims of up to \$60 million in



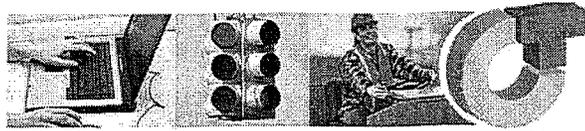
value. He has Advanced Work Zone (MOT) certification and has been responsible for traffic control on corridors with ADT exceeding 250,000 vehicles per day. He makes it a priority to coordinate and communicate effectively with the client and residents & businesses. He has worked on FDOT and non-FDOT projects. He has an outstanding working relationship with SFWMD.

Specific Experience Directly Pertinent

- Experience on construction and start-up of large stormwater pump stations, including 44,000 GPM facility
- CEI Manager for over 80 miles of ditch & canal cleaning and restoration
- CEI Manager for over 40,000 lf of concrete culvert (including 72" diameter) installation over just the past 3 years
- CEI Manager for over 700,000 CY of lake excavation over just the past 3 years
- CEI Manger on projects with articulated block mats, rubble rip-rap, large cast-in-place FDOT headwalls and canal relocations within the past 3 years
- Experience on concrete pavement including FDOT rest areas and industrial facilities
- Extensive structural concrete experience; personally responsible for over 300,000 CY of complex structural concrete over just a 2 year period
- Experience on sheet pile restoration and pile jacket construction with CEI and contractor in marine & freshwater environments
- Experience on projects requiring bypass pumping on significant waterways
- Experience on projects requiring cofferdams or other flow diversion techniques on significant, high flow waterways
- Experience on environmentally and resident sensitive projects in Port St. Lucie, St. Lucie County and Martin County
- Contractor experience with a National Top 10 Heavy Contractor. This experience included field construction operations as well as experience in change orders and claims.
- Experience with Bechtel on analysis of multi-million dollar contractor claims.

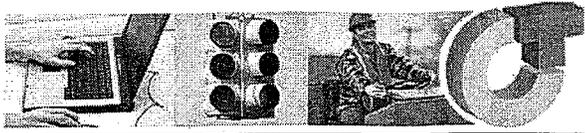
Certifications

- MOT Advanced Work Zone
- CTQP Final Estimates Level 2 (scheduled 10/11/11)
- CTQP QC Manager
- FDOT Site Manager
- FDOT Local Agency Project Training
- FDOT Claims Analysis & Review
- FDOT EEO, Certified Payroll and DBE Compliance Training
- USDOT Haz-Mat
- NPDES Storm Water Management Inspector
- Troxler Nuclear Density Certification
- Bechtel Excavation Support Training
- Bechtel Project Management Training
- Bechtel Soil Stabilization



Relevant Past Projects

Project Name	Client	Contact	Phone
<i>N. Lennard Road Reconstruction</i> Work included: roadway construction; 60,000 CY of detention ponds; storm drainage; rip rap, force main; utilities.	<i>St. Lucie County</i>	<i>Mike Powley, P.E</i>	<i>772-462 -1707</i>
<i>Walton Road Reconstruction</i> Work included: roadway reconstruction; 40,000 CY of detention pond construction, storm drainage, canal realignment, FDOT headwalls, articulated block matting, and rip rap.	<i>St. Lucie County</i>	<i>Mike Powley, P.E</i>	<i>772-462 -1707</i>
<i>Village Parkway</i> Work included: roadway construction, 420,000 CY of lake excavation, canal relocations, drainage, force main, gravity walls, utility relocations	<i>Port St. Lucie</i>	<i>Jennifer Gent., P.E.</i>	<i>772-873-6377</i>
<i>Green River Parkway</i> Work included: roadway construction, 80,000 CY of detention pond construction, storm drainage, gravity walls, rip rap, force mains, utilities	<i>Martin County</i>	<i>Paul Bangs, P.E.</i>	<i>772-260-1973</i>
<i>US Highway No. 1, Fort Pierce</i> Work included: roadway construction, 80,000 CY of detention pond construction, box culvert construction, box culvert repairs, storm drainage, rip rap, articulating block matting, utility relocations	<i>FDOT</i>	<i>ChloAnn Lawrence</i>	<i>772-465-7396</i>
<i>US 441 Canal Point</i> Work included: roadway reconstruction, drainage, utility relocations, channel lining and bridge repairs	<i>FDOT</i>	<i>Jacques Beaubrun</i>	<i>561-432-4966</i>
<i>Cortez Boulevard</i> Work included: roadway reconstruction, drainage, utility relocations, channel lining and bridge repairs	<i>Wexler Associates</i>	<i>Greg Wexler</i>	<i>561-641-8020</i>
<i>Veranda Stormwater & Reuse</i> Work included: Stormwater improvements, reuse and stormwater pond construction, ditch restoration, stormwater pump station construction and start up	<i>Huizenga Holdings</i>	<i>Alex Muxo</i>	<i>954-627-5015</i>
<i>Indian Creek Parkway</i> Work included: roadway construction, storm drainage, sheet pile weir, canal relocation and armoring, stormwater pond construction	<i>NPBCID</i>	<i>Tim Helms</i>	<i>561-624-7830</i>
<i>Dixie Highway A1A</i> Work included: roadway construction, canal restoration, storm drainage, pond construction, rip rap	<i>Martin County</i>	<i>Don Donaldson, P.E.</i>	<i>772-288-5927</i>
<i>Savannah Road Improvements</i> Work included: roadway construction, box culvert rehabilitation, concrete, storm drainage, rip rap, ditch armoring, bridge construction	<i>Martin County</i>	<i>Don Donaldson, P.E.</i>	<i>772-288-5927</i>



Bird Island Flats *MHD* *Steve Demos* *617-973-7000*
 Work included: concrete pavement, 4,000 lf of box culvert construction, utility relocations, storm drainage, construction and commissioning of 44,000 GPM stormwater pump station, sheet pile restorations, sheet pile jackets, concrete pavement, 300,000 CY of structural concrete

Taylor Creek Armoring *Ft. Pierce Farms WCD* *Steve Cassens* *772-461-4615*
 Work included: channel and slope restoration, rubble rip rap, storm drainage

NCRS for Hurricanes Frances & Jeanne *NSLRWCD* *Steve Cassens* *772-461-4615*
 Work included: approximately 20 miles of canal restoration, clearing, slope stabilization, rubble rip rap and articulated block matting, clearing of exotics

10 Mile Creek Restoration *NSLRWCD* *Steve Cassens* *772-461-4615*
 Work included: NRCS funded channel restoration, slope stabilization, rip rap, clearing of exotics

5 Mile Creek Restoration *NSLRWCD* *Steve Cassens* *772-461-4615*
 Work included: NRCS funded channel restoration, slope stabilization, rip rap, clearing of exotics

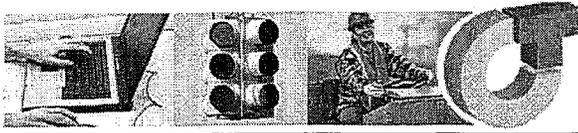
Staff Name	Title	Years Description Experience
Fred Jones	Senior Inspector	18 years

As the Resident Inspector - Mr. Jones will be responsible for the resident day to day project observation and inspections. He has 18 years of experience in CEI and working for civil contractors. He has worked as a Senior Inspector on many projects that have included the same elements of work as the Loutus project. Mr. Jones is conscientious and detail oriented. Mr. Jones has proven his abilities to the City on past projects including: Crosstown Parkway Segment 2 & 4, Arioso Boulevard, and Village Parkway. He has excellent communication skills and has excelled on projects that have required resident interaction.

Mr. Jones has received training and certifications directly associated with performance of the scope of work in the project including but not limited to **MOT**, Stormwater Inspector, Earthwork, Asphalt 1 & 2, **OSHA** 30 Hour Safety Training, Concrete certifications and others as follows:

Certifications

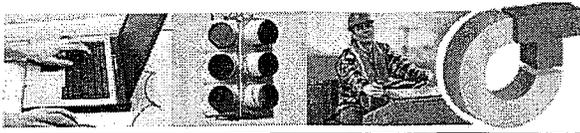
- MOT Intermediate Work Zone
- OSHA 30 Hour Safety Training Program
- ACI Concrete Level 1
- CTQP Asphalt Paving Level 1 & 2
- CTQP Drilled Shaft Installation
- CTQP Earthwork Construction Inspection Level 1 & 2
- CTQP Final Estimates I
- FDOT Limerock Bearing Ratio Testing



- USDOT Haz-Mat
- NPDES Storm Water Management Inspector
- Troxler Nuclear Density Certification

Relevant Past Projects

Project Name	Client	Contact	Phone
<i>N. Lennard Road Reconstruction</i> Work included: roadway construction; 60,000 CY of detention ponds; storm drainage; rip rap, force main; utilities.	<i>St. Lucie County</i>	<i>Mike Powley, P.E</i>	<i>772-462 -1707</i>
<i>Walton Road Reconstruction</i> Work included: roadway reconstruction; 40,000 CY of detention pond construction, storm drainage, canal realignment, FDOT headwalls, articulated block matting, and rip rap.	<i>St. Lucie County</i>	<i>Mike Powley, P.E</i>	<i>772-462 -1707</i>
<i>Green River Parkway</i> Work included: roadway construction, 80,000 CY of detention pond construction, storm drainage, gravity walls, rip rap, force main, utilities	<i>Martin County</i>	<i>Paul Bangs, P.E.</i>	<i>772-260-1973</i>
<i>Crosstown Parkway Segment 2</i> Work included construction of six-lane roadway, RCP drainage installation, concrete head walls, utility installation, construction of three detention ponds, and utility construction.	<i>City of Port St. Lucie</i>	<i>James Angstadt, P.E.</i>	<i>772-344-4239</i>
<i>Crosstown Parkway Segment 4</i> Work included construction of six-lane roadway, RCP drainage installation, concrete head walls, utility installation, swale construction, and utility construction	<i>City of Port St. Lucie</i>	<i>James Angstadt, P.E.</i>	<i>772-344-4239</i>
<i>Veranda Stormwater & Reuse</i> Work included: Stormwater improvements, reuse and stormwater pond construction, ditch restoration, stormwater pump station construction and start up	<i>Huizenga Holdings</i>	<i>Alex Muxo</i>	<i>954-627-5015</i>
<i>Arioso Boulevard</i> Work included reconstruction and four-laning of existing roadway, excavation of three detention ponds, RCP drainage installation, utility installation, head walls and rip rap.	<i>City of Port St. Lucie</i>	<i>Patricia Roebing, P.E</i>	<i>871-5174</i>
<i>The Reserve</i> Work included construction of roadways, over one million cubic yards of lake excavation, utilities, and drainage including head walls and rip rap	<i>The Reserve Development Group</i>		
<i>Bay St. Lucie</i> Work included construction of roadways, approximately 250,000 CY of lake excavation, utilities, and drainage including head walls and rip rap	<i>Blackford & Bergelson</i>		



Staff Name	Title	Years Description Experience
Tom Terpening, Jr.	Lead Senior Inspector	35 years

As Lead Senior Inspector - Mr. Terpening's role will be to assist the Project team in plan interpretation and contractor's field procedures as required. His experience includes over 35 years of CEI and construction experience on a diverse range of projects. This experience has included 15 years of FDOT CEI experience and 15 years of FDOT contractor experience. He has extensive experience working on components related to this project including: large box culverts, sheet pile construction, pile jackets, coffer dams, reservoir construction, detention ponds, pump stations, large diameter RCP culvert construction and numerous roadway construction projects. Tom is assertive and has a great ability to work with and control the contractor in the field. He is proactive, always looking ahead and working closely with the contractor to plan work. He is thoroughly familiar with the FDOT Specifications and Standards. Tom has shown on the recent Walton Road and North Lennard Road CEI projects that he can earn the trust and work effectively with the businesses and residents.

Certifications (Present and Past)

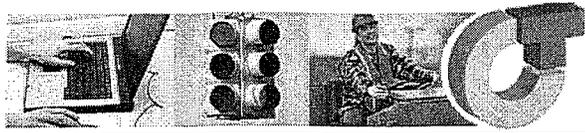
- MOT Intermediate Work Zone
- OSHA Construction Safety
- CTQP Asphalt Paving Level 1 & 2
- CTQP Drilled Shaft Installation
- CTQP Earthwork Construction Inspection Level 1 & 2
- CTQP Final Estimates I
- CTQP QC Manager
- FDOT Multi-Line Earthwork Basic
- FDOT Project Engineers School
- USDOT Haz-Mat
- NPDES FL Stormwater, Erosion & Sediment Control
- Troxler Nuclear Density Certification
- ATSSA Worksite Traffic Supervisor
- HDR Project Management Training Experience Signals 1
- IMSA Work Zone Safety Specialist

Relevant Past Projects

Project Name	Client	Contact	Phone
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<i>N. Lennard Road Reconstruction</i>	<i>St. Lucie County</i>	<i>Mike Powley, P.E</i>	<i>772-462 -1707</i>
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Work included: roadway construction; 60,000 CY of detention ponds; storm drainage; rip rap, force main; utilities.



Walton Road Reconstruction *St. Lucie County* *Mike Powley, P.E* *772-462-1707*
Work included: roadway reconstruction; 40,000 CY of detention pond construction, storm drainage, canal realignment, FDOT headwalls, articulated block matting, and rip rap.

Village Parkway *Port St. Lucie* *Jennifer Gent., P.E.* *772-873-6377*
Work included: roadway construction, 420,000 CY of lake excavation, canal relocations, drainage, force main, gravity walls, utility relocations

Green River Parkway *Martin County* *Paul Bangs, P.E.* *772-260-1973*
Work included: roadway construction, 80,000 CY of detention pond construction, storm drainage, gravity walls, rip rap, force main, utilities

Cortez Boulevard *Wexler Associates* *Greg Wexler* *561-641-8020*
Work included: roadway reconstruction, canal relocation, bypass pumping, rip rap, storm drainage, and utility relocations

Veranda Stormwater & Reuse *Huizenga Holdings* *Alex Muxo* *954-627-5015*
Work included: Stormwater improvements, reuse and stormwater pond construction, ditch restoration, stormwater pump station construction and start up

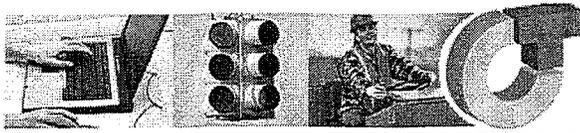
Colonia Lane Improvements *Sarasota County* *Bill Wilson* *941-861-0759*
Work included: clearing and grubbing, sidewalks, utility relocation, retention ponds, parking facilities, paving, embankment, sheet piles, lighting, striping, storm, and MOT, earthwork, asphalt, base work, curb work, deep storm & utility construction, NPDES monitoring, and oversight of other inspectors.

Myrtle Street Phase 1A, 1B *Sarasota County* *Bill Wilson* *941-861-0759*
Work included: Clearing and grubbing, sidewalks, utility relocation, retention ponds, paving, embankment, lighting, striping, storm, and MOT.

Sebring SR 70/SR 31 *FDOT* *Susan Hindman* *863-386-6112*
Work included widening, resurfacing, reconstruction, erosion control, MOT, drainage, signage, wheelchair ramps, addition of turn lanes, ARMI-Layer, guardrails, box culverts, retention ponds, clearing & grubbing and sidewalks.

I-4 Design Build *FDOT* *David Richey* *863-686-3599*
Work included the widening and resurfacing of approximately 17 miles of I-4 from east of US 98 to east of CR 557 from a 4 lane divided rural highway to a 6 lane divided rural highway. Construction also included reconstruction of four bridges and widening and rehabilitation of three additional bridges, installation of noise walls, sheet piling, treatment ponds, utility relocations, high mast lighting, drainage pipe installation, muck removal, and signing and striping.

SR 776, Road Widening Project *FDOT*
Work included roadway construction, including utility relocation, drainage, earthworks, base, paving, lighting, signing and signalization.



Staff Name	Title	Years Description Experience
Chris Frederick	Inspector	16 years

As Project Inspector - Mr. Fredrick role will be to assist Mr. Jones as needed for the observation and inspection of the Contractor work effort as the work schedule requires. He has approximately 16 years of construction experience. He has the relevant CTQP qualifications for this project, including MOT, Stormwater Inspector, Asphalt 1 & 2, Earthwork and Concrete. He is extremely detail oriented and communicates effectively. He has extensive survey and construction knowledge which makes him extremely valuable in assessing conflicts and obtaining survey information even before the contractor. Chris has worked as an inspector on projects with similar work components to the Loutus/Blackwell project including: Walton Road Reconstruction, North Lennard Road, Village Parkway and the 13th Street ARRA project.

Certifications

- MOT Intermediate Work Zone
- ACI Concrete Field Testing Technician Level 1
- CTQP Asphalt Paving Level 1&2
- CTQP Earthwork Construction Inspection Level 1
- CTQP FDOT Concrete Field Inspector Level 1
- USDOT Haz-Mat
- NPDES Storm Water Management Inspector
- Troxler Nuclear Density Certification

Relevant Past Projects

Project Name	Client	Contact	Phone
<i>N. Lennard Road Reconstruction</i> Work included: roadway construction; 60,000 CY of detention ponds; storm drainage; rip rap, force main; utilities.	<i>St. Lucie County</i>	<i>Mike Powley, P.E</i>	<i>772-462 -1707</i>
<i>Walton Road Reconstruction</i> Work included: roadway reconstruction; 40,000 CY of detention pond construction, storm drainage, canal realignment, FDOT headwalls, articulated block matting, and rip rap.	<i>St. Lucie County</i>	<i>Mike Powley, P.E</i>	<i>772-462 -1707</i>
<i>Village Parkway</i> Work included: roadway construction, 420,000 CY of lake excavation, canal relocations, drainage, force main, gravity walls, utility relocations	<i>Port St. Lucie</i>	<i>Jennifer Gent., P.E.</i>	<i>772-873-6377</i>
<i>Cortez Boulevard</i> Work included: roadway reconstruction, canal relocation, bypass pumping, rip rap, storm drainage, and utility relocations	<i>Wexler Associates</i>	<i>Greg Wexler</i>	<i>561-641-8020</i>



Veranda Stormwater & Reuse *Huizenga Holdings* *Alex Muxo* 954-627-5015
Work included: Stormwater improvements, reuse and stormwater pond construction, ditch restoration, stormwater pump station construction and start up

13th Street (ARRA 024B) *City of Fort Pierce* *Ed Seissiger* 772-519-1081
Work Included: Roadway reconstruction, drainage improvements, canal armoring, utility relocations, bridge modification

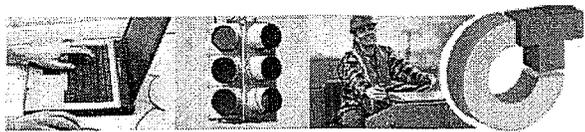
St Lucie West CDD *DiVosta Homes* *Robert Lawson P.E.* 561-697-7000
Work Included: Roadway construction, drainage improvements, installation of 72" box culverts, burrow pit expansion, raw water well construction, raw water main construction, sheet pile bulkheads, canal restoration, I-95 Interchange reconstruction, force main installation, lake expansion, littoral shelf construction

Cascades & Magnolia Lakes *Levitt & Sons* 561-482-5100
Work Included: Roadway construction, sheet pile bulkheads, drainage construction, berm construction, impermeable barrier construction, 1.5+ million CY of lake excavation(22 lakes), force main installation

Tradition *Core Communities* *Darren Weimer* 772-340-3500
Work Included: Roadway construction, Conspan construction, 2+ million CY of lake excavation, burrow pit expansion & realignment, sheet pile bulkheads, drainage construction, force main installation, swale construction, impermeable barrier construction, canal restoration, rip rap construction

The Retreat *DiVosta Homes* *Robert Lawson P.E.* 561-697-7000
Work Included: Roadway construction, 950,000 CY of lake excavation (9 lakes), drainage construction, canal restoration, force main installation, littoral shelf construction, berm construction, swale construction

Lake Forest & Lake Forest Point *Kennedy Homes* 954-426-9999
Work Included: Roadway construction, drainage construction, pond expansion, 1.2+ million CY of lake excavation (13 lakes), berm construction, force main installation



Staff Name	Title	Years Description Experience
Terri Gorman	Resident Compliance Specialist	20 years/6 years CEI

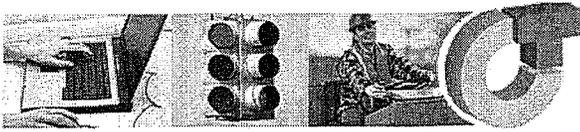
As Resident Compliance Specialist- Ms. Gorman will be responsible for the administrative support assistance, as well as handle any Davis-Bacon payroll, EEO and other compliance issues. She has worked on numerous projects, including LAP and federally funded projects. A recent FDOT end of project review found no payroll compliance issues. Terri has formal FDOT certification for EEO, Certified Payrolls and DBE reporting.

Certifications

- FDOT EEO, DBE & Payroll Compliance on Local Area Projects
- FDOT 8 hour LAP Workshop
- Microsoft Applications

Relevant Past Projects

Project Name	Client	Contact	Phone
N. Lennard Road Reconstruction	St. Lucie County	Mike Powley, P.E.	772-462-1707
13th Street (ARRA 024B)	City of Fort Pierce	Ed Seissiger	772-519-1081
Green River Parkway	Martin County	Paul Bangs, P.E	772-260-1973
Walton Road Reconstruction	St. Lucie County	Mike Powley, P.E.	772-462-1707
Village Parkway	City of Port St. Lucie	Jennifer Gent, P.E.	772-873-6377
Crosstown Parkway Segment 2	City of Port St. Lucie	James Angstadt. P.E.	772-344-4239
Crosstown Parkway Segment 4	City of Port St. Lucie	James Angstadt. P.E.	772-344-4239
Community Boulevard	City of Port St. Lucie	Jennifer Gent, P.E.	772-873-6377
Becker Road Fl Turnpike Interchange	Port St. Lucie	Kim Graham, P.E.	772-344-4041
S. 25 th St. & Cortez Blvd Imp	Wexler	Gregg Wexler	561-641-8020
Tesoro - East Side	Port St. Lucie	Straub, Glenn	561-798-7000
Westmoreland Boulevard	Port St. Lucie	Graham, PE, Kim	772-344-4041
Veranda Stormwater & Reuse	Huizenga Holdings	Alex Muxo	954-627-5015



3. Number of part time CEI personnel that will be assigned to this project.

Staff Name	Title	Years	Description Experience
Marcelo Dimitriou, P.E.	CEI Director/Sr. Project Mgr.	23 years	CEI & Contractor
Fred Jones	Senior Inspector	18 years	CEI
Tom Terpening, Jr.	Lead Senior Inspector	35 years	CEI & Contractor
Chris Frederick	Inspector	16 years	CEI & Construction Survey
Terri Gorman	Resident Compliance Specialist	6 years	CEI

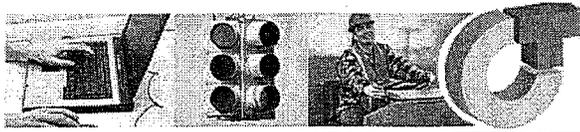
Staff Utilization

Culpepper and Terpening, Inc., has the opportunity to provide the City with a cost savings. We are currently providing the CEI Services for Lennard Square. The Lennard Square project is a EWIP project adjacent to the Loutus Pond project. Tom Terpening is currently the Part Time Inspector on the Lennard Square project. Chris Fredrick is proposed as the Part Time Inspector on the Loutus Pond project. In order to achieve this cost savings, Tom Terpening will be responsible for inspecting the construction activities with specialized work items, and allowing Chris Fredrick available for inspection services on the adjacent project. We will utilize our staff in order to provide the best technical support and cost benefits by overlapping the Lennard Square and Loutus projects. Our proposed staff utilization is as follows:

**Projected Staff Utilization Table
For Loutus Pond
Percentage of Full Time Utilization**

Staff	Title	Loutus
Marcelo Dimitriou, P.E.	CEI Director/Sr. Project Mgr.	30%
Fred Jones*	Senior Inspector	100%*
Tom Terpening, Jr.	Lead Senior Inspector	35%
Chris Frederick	Inspector	30%
Terri Gorman	Resident Compliance Specialist	15%

* Fred Jones is currently assigned to the PSL Boulevard lighting project and he is expected to be available full time in mid-October.



4. What is the overall company experience on CEI contracts for Stormwater, Detention Pond and/or Stormwater Treatment Area construction projects?

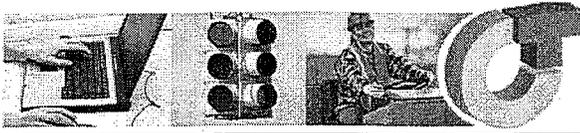
Culpepper & Terpening, Inc. staff's from 2000 through 2011 has successfully completed Projects within **scope**, on **schedule** and under **budget**. Our Project staff has gained extensive experience in *all* of major elements of work contained on the Loutus project. The table below shows the past 10 years of firm experience for the major elements of work contained in the Loutus project.

Project Scope	Units	Loutus Project Quantity	C&T's Experience
Excavation	Cubic Yards	215,000	2,300,000
Culverts	Feet	469	143,400
Pressure Pipe	Feet	2,500	870,000
Concrete	Cubic Yards	214	20,000
Silt Fence & Turbidity Barrier	Feet	14,524	460,000
Slope Stabilization *	Feet	15,000	379,200

*Includes articulated block mats, rip rap, seeding and mulching, sprigging and sodding.

Culpepper & Terpening, Inc. has significant experience on the technical components included in the Loutus Pond/Blackwell Waterway project including:

- MOT and detours within the City of Port St. Lucie, FDOT, Martin County and St. Lucie County;
- Tree protection and relocations;
- Stormwater pond excavation;
- Channel and ditch restoration, excavation and grading;
- Installation of large concrete culvert pipes;
- Pressure pipe and force main installation
- Utility coordination and relocation experience in accordance with PSLUSD standards;
- Concrete structures and concrete placement;
- Stormwater pump stations;
- Sheet pile installation and restoration of sheet piles, pile jackets;
- Installation of articulated block mats and rip rap;
- City of Port St. Lucie shop drawing, RFI, Change Order, Schedule analysis processing;
- City of Port St. Lucie Payment request processing;
- NPDES compliance reporting;
- SFWMD compliance and reporting;
- Federal Reporting for certified payrolls, including Davis - Bacon;
- Roadway restoration; and
- Thorough knowledge of the project areas from living and working in the City.
- Resident and business coordination on Projects within the City;
- St. Lucie County School District coordination on Projects within the City;
- St. Lucie County Fire District and EMS coordination on Projects within the City;

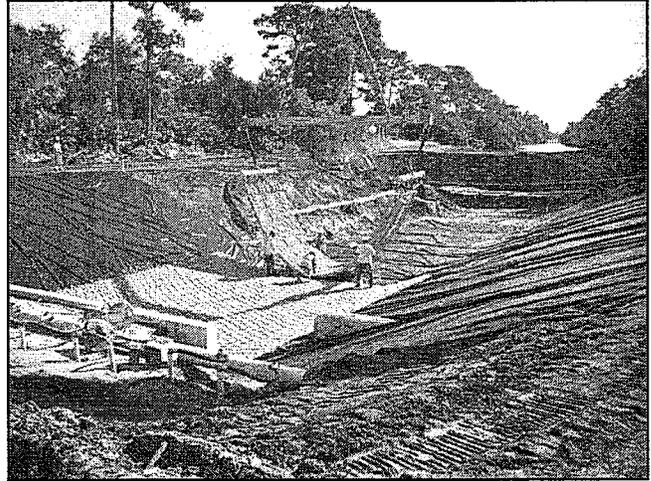


Relevant Past Project Provided

Project Name	Client	Contact	Phone
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Walton Road Reconstruction	St. Lucie County	Mike Powley, P.E	772-462 -1707
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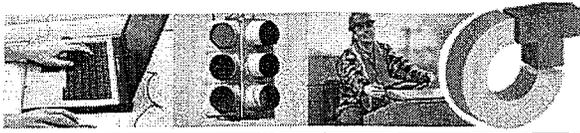
Related elements of this project included the installation of approximately 1,500 lf of dual 72” RCP culverts across Village Green Drive, associated large structures, and cast-in-place FDOT headwalls. Other similar aspects included excavation of approximately 40,000 CY of detention pond excavation, water main & force main relocations, and installation of rip rap & articulating block matting. Environmental considerations were critical for the Hog Pen Slough and downstream at the St. Lucie River. Turbidity readings were monitored twice daily and adjustments were made, including the use of alum and polymer. This project required constant and careful coordination with the abutting businesses, residents, school, fire station and City Center. The Project was completed under budget. Construction Value: \$4.3 million.

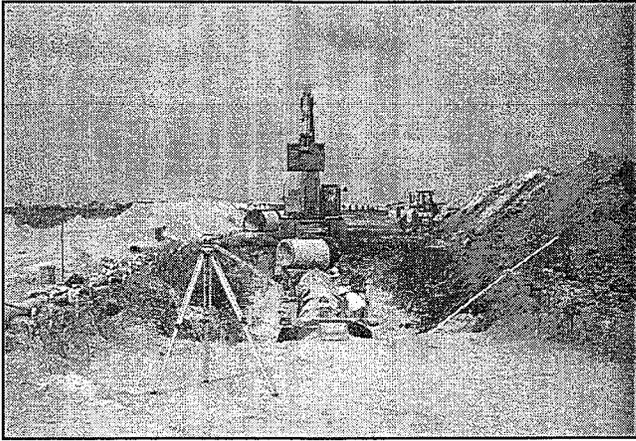


Green River Parkway South	Martin County	Don Donaldson, P.E.	772-288-5927
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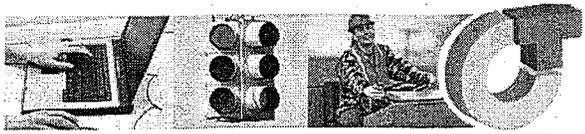
This roadway construction project included Construction of an 80,000 CY detention pond associated open & closed conveyance systems and utility installations & relocations. Dewatering effluent needed to be kept onsite by constructing the pond in sections and pumping to containment cells and recharge trenches. The project took place in an extremely environmentally sensitive location. Key aspects included protection of wetlands and special accommodations for Scrub Jays, Indigo Snakes and Gopher Tortoises. Careful coordination was needed with the active residents as construction took place directly within the abutting neighborhoods. The project was completed on schedule and under budget. Construction Value: \$4.7 million.





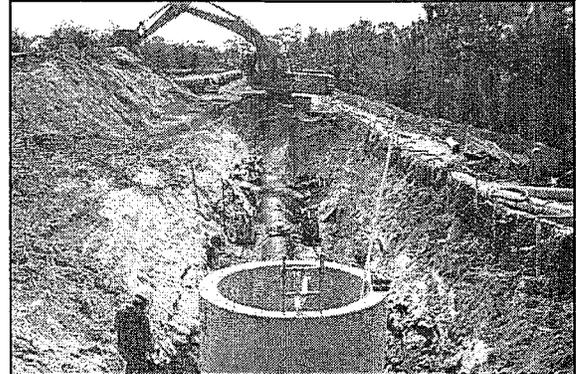
Village Parkway Phase II	Port St. Lucie	Kim Graham, P.E.	772-871-5177
<p>This project included construction of approximately 3.5 miles of a new 4-lane and 6-lane roadway. This project included the construction of six detention ponds totaling approximately 420,000 CY of excavation. The project also included extensive runs of RCP drainage, including over 2,000 lf of 60" or larger RCP. Canal relocation work was also included as part of this project, as well as utility installations. This project had extremely challenging water and soils conditions. Construction Value: \$37.5 million.</p>			

North Lennard Road	St. Lucie County	Mike Powley, P.E.	772-462 -1707
<p>This roadway construction project included the excavation of two ponds totaling approximately 60,000 CY with associated open and closed conveyance systems. Water from dewatering operations needed to be kept onsite. The project abutted the environmentally sensitive Savannahs. This was accomplished by construction temporary storage cells. Adjacent wetlands required careful attention to NPDES items. A portion of the project was through an existing neighborhood, requiring careful coordination with the residents. This project was completed in June 2011 ahead of schedule and under budget. Construction Value: \$2.3 million.</p>			



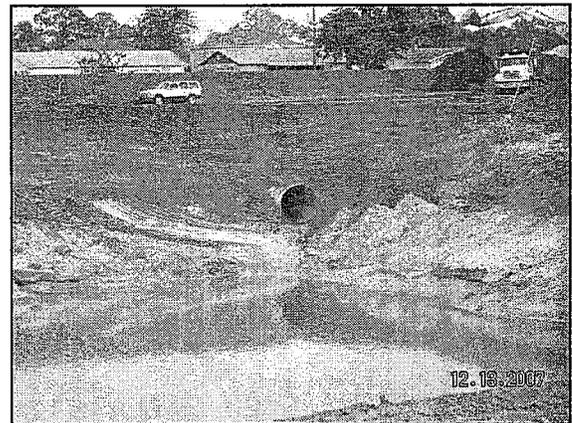
Veranda Stormwater & Reuse	Huizenga Holdings	Alex Muxo	954-627-5015
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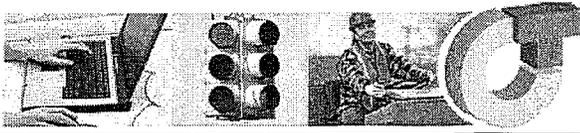
This project included stormwater improvements including pump station construction & start-up, construction of reuse and stormwater ponds, ditch restoration & regarding, removal of exotics, and construction of water, sewer and stormwater force mains. Construction Value: \$4 million.



Crosstown Parkway Segment 2	Port St. Lucie	James Angstadt, P.E.	772-344-4239
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This project included construction of approximately two miles of new 6-lane roadway. The project included construction of three ponds totaling approximately 63,000 CY. The ponds were located in residential neighborhoods, requiring our inspector to interface with residents and to closely monitor the hauling operations. The project also included significant quantities of RCP culvert installation. Construction Value: \$10 million.





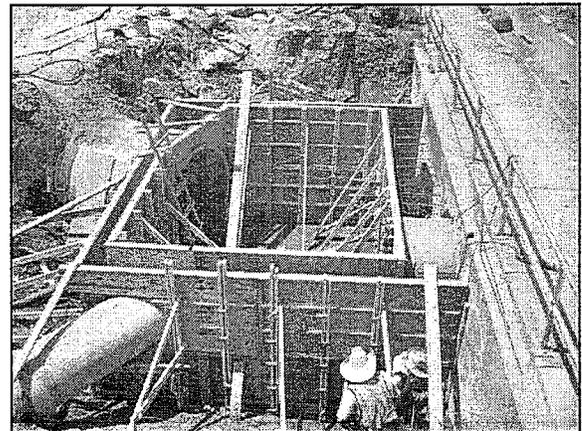
Becker Road Florida Turnpike Interchange	Port St. Lucie	Kim Graham, P.E.	772-344-4041
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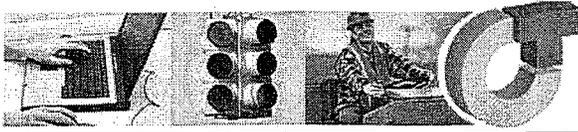
The project included removal of an existing 2-lane bridge and construction of new 4-lane bridge and new Turnpike Interchange. The roadway is comprised of both urban and rural sections. The work items included roadway, drainage canal relocations, rip rap, detention pond excavation, water retention, utilities, sidewalk, signalization, signage and landscaping & irrigation. Construction Value: \$16.3 million.



S. 25th St. & Cortez Blvd Improvements	Wexler	Gregg Wexler	561-641-8020
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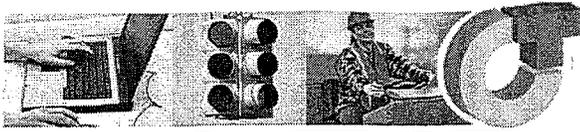
Intersection improvement project with the addition of curb and gutter, new turn lane improvements, drainage installation up to 72" RCP, major canal improvements, rip rap, headwalls, and full signal installation. Construction Value: \$565,000.





Additional Relevant Past Projects

<u>Project Name</u>	<u>Location</u>	<u>Contact Name</u>	<u>Phone</u>
St. Lucie County School Board	Port St. Lucie	Marty Sanders	772-429-3640
St. Lucie County Fire District	Port St. Lucie	Chief Ron Parrish	772-621-3313
City Center - City of Port St. Lucie	Port St. Lucie	Greg Oravec	772-871-5163
Westmoreland Boulevard – CEI	Port St. Lucie	Kim Graham, PE	772-344-4041
Rosser Boulevard – CEI	Port St. Lucie	Jennifer Gent, P.E.	772-871-5177
Tesoro - East Side	Port St. Lucie	Glenn Straub	561-798-7000
Tesoro – West Side	Port St. Lucie	Al Jones	242-688-7005
South Lennard Road	Port St. Lucie	Kim Graham, PE	772-344-4041
Portofino Isle CDD	Port St. Lucie	Rich Hans	954-721-8681
Copper Creek	Port St. Lucie	Mat Nelson	954-553-0861
Copper Creek CDD	Port St. Lucie	Rich Hans	954-721-8681
River Place CDD	Port St. Lucie	Rich Hans	954-721-8681
Community Blvd.	Port St. Lucie	Kim Graham, PE	772-344-4041
Innovation Way	Port St. Lucie	Kim Graham, PE	772-344-4041
Becker Road – East	Port St. Lucie	Kim Graham, PE	772-344-4041
Floridian Development	Port St. Lucie	Giles Kibbe	772-781-7700
Veranda Falls Shopping Center	Port St. Lucie	Alex Muxo	954-627-5015
West Creek - 450 Acres Parcel	Port St. Lucie	Nancy O'Brien	561-997-5760
Founders Crossing - Village 4	Port St. Lucie	Nancy O'Brien	561-997-5760
Founders Crossing - Villages 6 & 7	Port St. Lucie	Nancy O'Brien	561-997-5760
Intermodal Transit Facility	St. Lucie County	Paul Dritenbas	772-569-4320
Emergency Operations Center	St. Lucie County	Samuel Ferreri	561-697-3451
Fairgrounds Drainage Improvements	St. Lucie County	Wade Yarborough	772-201-2793
Capron Lakes	St. Lucie County	Alex Muxo	954-627-5015
Timber Creek	St. Lucie County	David Ofstein	561-488-9509
Kirchman Groves 2300 Acres	St. Lucie County	Andrew Reinhart IV	212-357-0151
Rock Road Mine	St. Lucie County	Ken Hamblin	561-582-6688
SLC Stormwater Management	St. Lucie County	Eng Department	772-462-1700
Fort Pierce Central – South 25th Street	Fort Pierce	Samuel Ferreri	561-697-3451
Pinecrest Estates – Drainage Improvements	Fort Pierce	Diana Wesloski	772-462-2375
Bridgewater II	Fort Pierce	Peter Harrison	772-461-6321
Round Island Plantation	Hutchinson Island	George Heaton	561-833-5500
Stypman Blvd. Drainage	City of Stuart	David Peters	772-288-1292
Dixie Highway (CR 707) Fifth St. to SE F	City of Stuart	Samuel Amerson	772-288-5331
Beau Rivage Estates Drainage	Jensen Beach	Ellen Keys	772-287-1671
Lakes of Melbourne	Melbourne	Shelley Fromson	561-832-3200



5. In your Company's experience, what are the challenges and issues associated with the construction portions of these projects?

Project Understanding

Culpepper & Terpening, Inc. understanding is that the EWIP Project originated from the concerns raised by this neighborhood as a result of Tropical Storm Fay. We are aware of the sensitivity of the neighborhood and have developed a public information component to inform the residents of the project progress. The Loutus Pond & Blackwell Waterway Improvement Project is one of the larger and more comprehensive EWIP projects and requires special areas of concern.

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

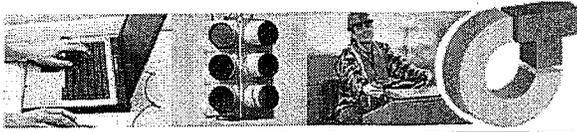
- Conducted a field walk thru of the Project limits;
- Conducted a homeowner interview within the Project area;
- Obtained and reviewed American Earth Movers Construction Contract;
- Obtained and reviewed the Plans and Specifications;
- Obtained and reviewed the St. Lucie County School Board Bus Transportation Routes;
- Obtained and reviewed the Eagle Marsh Record Plat;
- Obtained and reviewed the SFWMD ERP Permit;
- Obtained and reviewed the SFWMD Dewatering Permit;
- Obtained and reviewed the ACOE Permit;
- Obtained and reviewed the Florida Fish and Wildlife – Gopher Permit; and
- Obtained and reviewed the PSLUSD Water & Sewer record drawings.

General Construction Scope and Description

1. **Loutus Pond Area – Contract Bid Schedule 1**
 - a. Approximately 180,000 Cubic Yards of pond excavation
 - b. Sheet pile weir control structure construction
 - c. Widening County Line Ditch at US-1 box culvert tie-in area
 - d. Fiber optic facilities installation

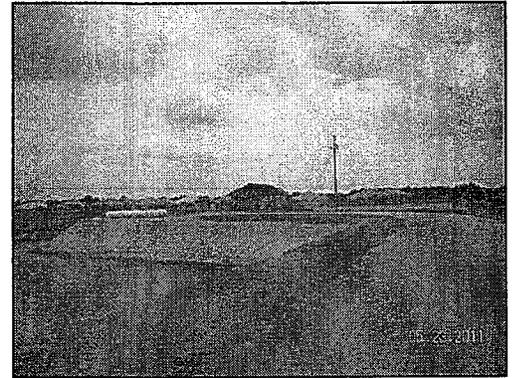


Loutus Pond Area



2. Blackwell Waterway Area – Contract Bid Schedule 2

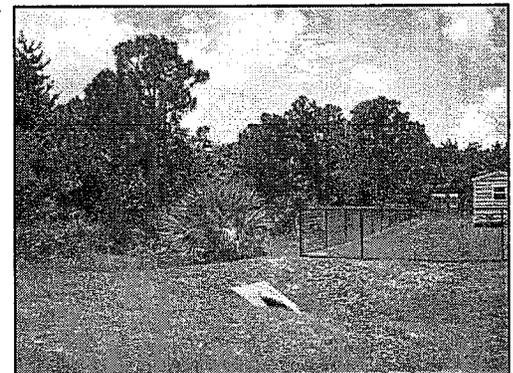
- a. Pipe installation at Marius Street
- b. Restoration & re-grading of existing ditch
- c. Mobile pump station connection site construction
- d. Installation of approximately 2,500 Feet of 36” stormwater force main



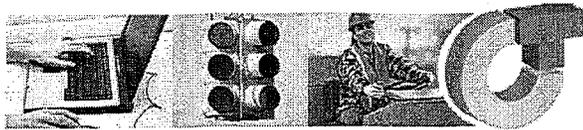
Blackwell Reservoir Area

3. Blackwell Reservoir Area – Contract Bid Schedule 3

- a. Rehabilitation of existing sheet piling; pile jackets
- b. Installation of articulated block mats, energy dissipater, flap gate



Location of Proposed Mobile Pump Station at Calais Street

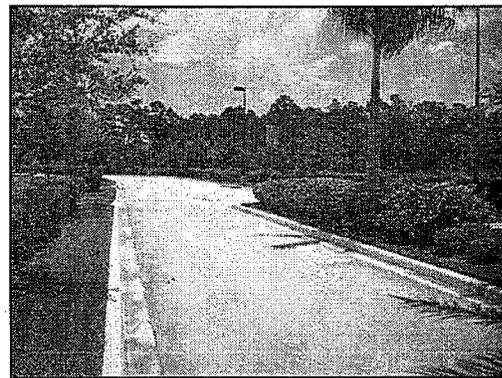


Project Challenges and Issues

Culpepper & Terpening, Inc. has applied our experience in similar construction projects and have identified elements of the project that we believe may pose potential issues and challenges as follows:

Business Interruption

There will be communication and coordination needed with the Sam's Club, as easements will be utilized to access their property to perform the work. We have already contacted Ms. Buffy Bullard, the Sam's Club General Manager. The greatest concern of Sam's Club is to not create an environment that will make customers want to avoid the store. Access will need to be available to customers at all times. There are some concerns about damage to the US Highway No. 1 access point. They understand that restoration will be made and the entrance will be milled and overlaid as called for in the plans. It is our understanding that the easement to utilize the Sam's entrance is still pending, and that Sam's may restrict access during the holiday shopping season. In any case, a wet sweeper will need to be on-site if the access will be utilized for hauling. We have had several discussions with Mr. Greg Wilfong, the consulting engineer that represents Sam's Club.



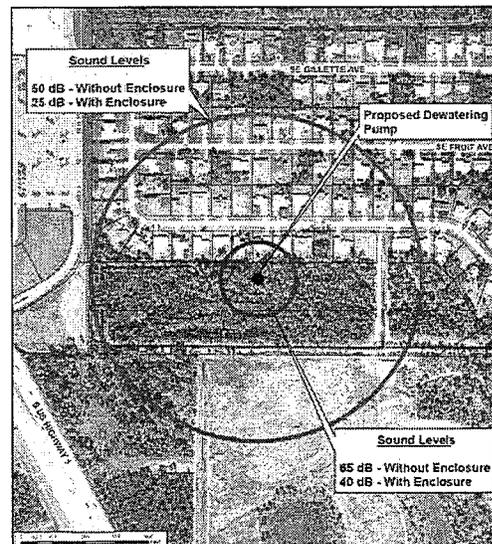
Sam's Club Easement Area

Dewatering Issues

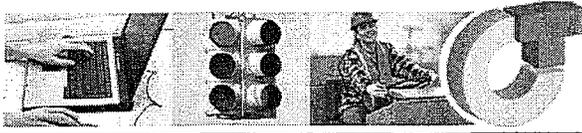
Dewatering will be a critical issue, especially during the wet season, as well as noise impacts to the abutting residents. We will need to assure that the permit conditions are adhered to. Recharge pumps will only be utilized to fill recharge trenches.

Dewatering schemes with pump locations and cells are indicated on the Plans. We have found on past projects, that in the wet season, the pond cells could potentially exceed their capacity. To prevent this, it may require more cells or recharge trenches, if allowable. We also recommend a meeting with the SFWMD to determine if clean sock or well point water can be released into any adjacent areas or the drainage system. Even if production is effected, we will enforce the maximum allowable dewatering volumes and may even need to stop dewatering activities during heavy rain events.

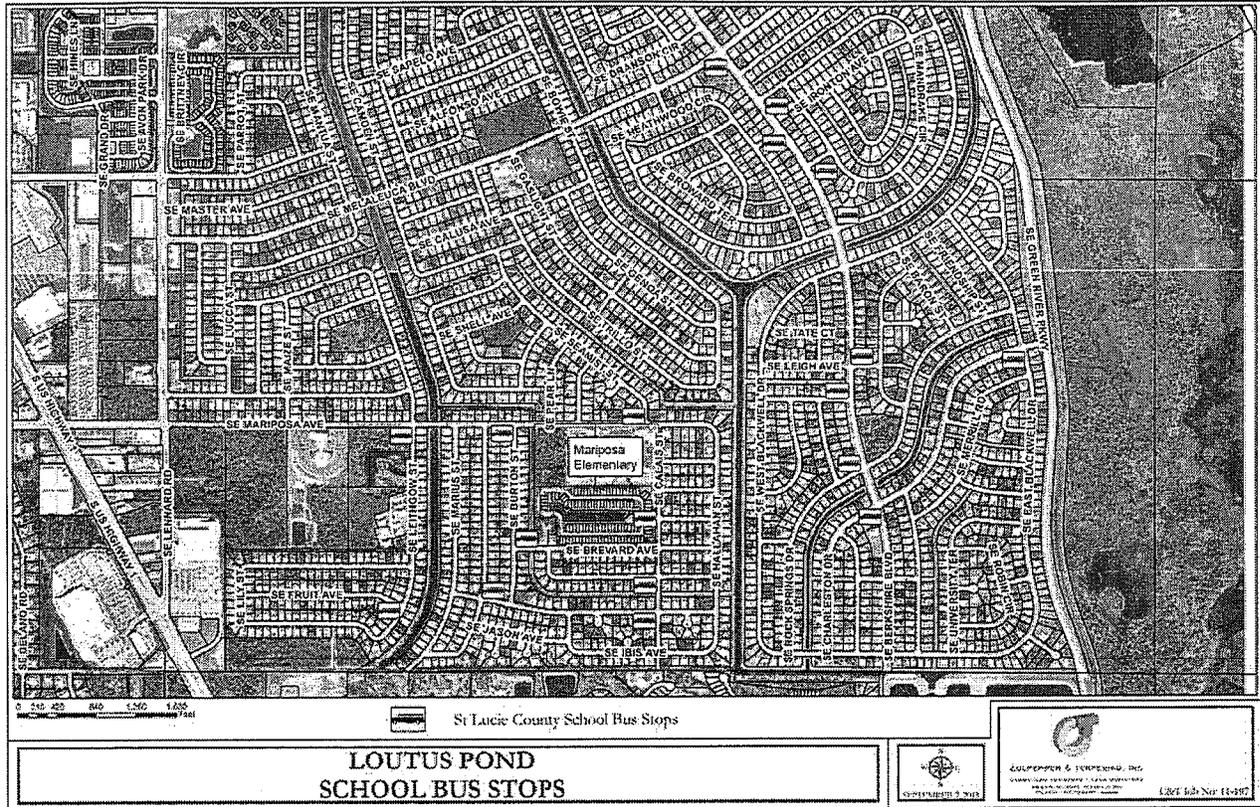
Our past projects have shown that there may be challenges related to overnight noise from dewatering pumps in residential areas. We have been successful in reducing dewatering pump noise levels by the use of sound insulated enclosures.



Typical Noise Levels



Safe Routes to Schools – Material Hauling

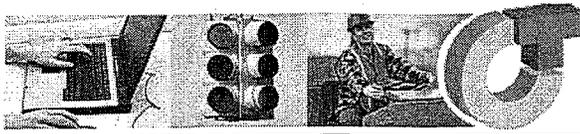


In coordinating with the SLCSB Transportation office we have identified **36 Bus Stops** along the Project's haul and delivery routes. In addition, Mariposa Elementary School's hours of operation and student drop off are 8 am to 3 pm. We propose to closely coordinate and provide public awareness with the School's Administration, the Parent Teacher's Organization and the Contractor.

Residential Disturbance

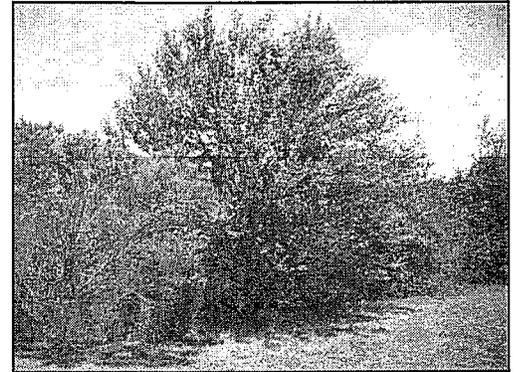
It has been our experience on similar projects that there will be resident concerns. We will need to provide close coordination and documentation. The increased truck traffic estimated at 25,000 trips within the work zone and adjacent to the residents' backyards along the Blackwell Waterway will cause concerns. There are 58 residential properties that abut the north side of the Loutus Pond and Blackwell Waterway. We have spoken to the residents of this area during our field review to address their concerns. We will assure that proper truck haul routes are followed and that any noise from pumping water is mitigated by the use of enclosures and/or other methods. A pump enclosure can reduce the pump noise at the source from over 100 decibels to as low as 70 decibels or less. As always, we will take additional preconstruction photos and video to supplement the contractor's preconstruction video.

Our more detailed methods for interfacing with the public are included in question #6, below.



Tree Protection – Residential Buffers

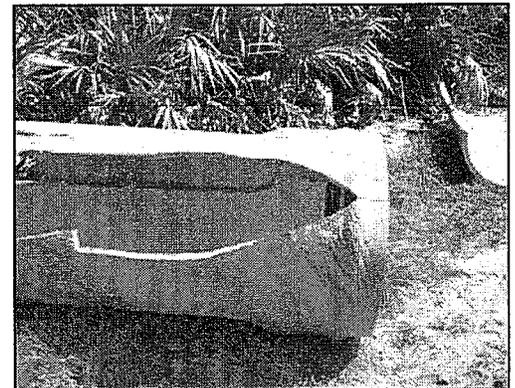
The contractor commonly overlooks Tree protection. On this project, tree protection is critical. We will assure that the Contract required tree protection mandates are carried out and that the selected trees are saved. An arborist will need to oversee root pruning of any oak trees to be saved that will have an impact within the drip line. We will be sure to have the required pre-work meetings.



Typical Oak Tree to Protect

Force Main Pipe Installation – “Water Hammer”

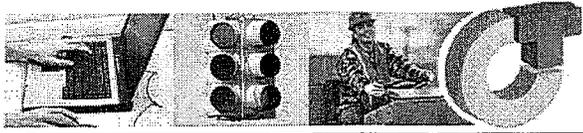
The dynamic force on the main will be about 16,000 pounds or **8 Tons** and can potential generally a transient wave “**Water Hammer**” of force during startup and operations. The City has experienced this before along Glades Cut-Off Rd. We propose a soft start on the pump during the testing period to absorb the dynamic forces and prevent a “**Water Hammer**”.



Water Hammer

Force Main Installation - Side Slope Stability

In review of the plans, several areas of special concern arise in regards to the canal side slope cover on the pipe. As calculated the dynamic force on the main will be about 16,000 pounds or **8 Tons** and can potential generate a transient wave “**Water Hammer**” of force during startup and operations. This force along with the minimal cover on the canal side slope could lead to a slope failure and pipe “**Blow-Out**”. We propose, during shop drawing review, to require a specific thrust and restraints to absorb the dynamic forces in the areas of minimal cover.



Utility Conflicts

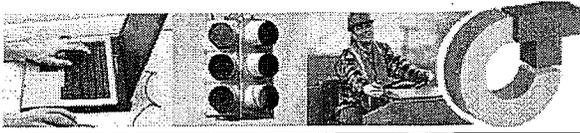
- **Old Water Mains – PSLUSD** - We are aware of the 4” water line at Marius Street and the 6” water line at Calais Street that will need to be protected during work activities. We understand that these lines may be asbestos cement (transite) pipe, requiring additional caution. Although serious utility conflicts are not anticipated, past experience tells us that there will be a possibility of utility conflicts and failure of the existing mains. We will be proactive and work with the contractor to test pit suspected areas and obtain elevation data before work begins and coordination with PSLUSD on replacement if necessary.

In the case of utility installation, we will facilitate construction of offsets, if appropriate. Sometimes the contractor will overlook restraining the existing utilities. We will make sure that existing utilities are restrained per the PSLUSD Standards, as required by the Plans.

- **FPL, Comcast, AT&T and City Gas** - In addition to PSLUSD, we are continuing service providers to FPL, AT&T and City Gas which has allowed us to develop a good working relationship. Past experience tells us that the contractor will not follow up sufficiently if there is a need for adjustments by public utilities. Based on our site review, we understand that a pole may need to be held at the pump station area, and that a pole may need to be removed at the US 1 box culvert block matting area. We will use our relationships to facilitate these and any other utility conflicts with the appropriate utility company to keep the project on schedule.

It is anticipated the Project representatives will be: Florida Power & Light Project Engineer: Ms. Vicky Holly, AT&T Project Engineer: Mr. Mark Guiterez, and for Comcast Project Engineer: Mr. Tim Korndoefer.

- **Utilities General** - As an added value, our inspection staff has Trimble Robotic Total Station capabilities. This equipment has an accuracy of .01 feet, both vertically and horizontally. This allows our inspectors to verify installation offsets and elevations as work proceeds to discover any installation issues early on, before significant delays occur. This capability also allows accurate and timely verification of locations and elevations related to utility conflicts. Our inspector can gather this data quickly and efficiently, reducing the dependency on the contractor to reopen excavations and wait for “back of the napkin” data to be provided. We have used our inspector capabilities in this area to keep projects moving with minimal utility related delays and to find installation issues before they become a serious schedule delay. We have used this system effectively on a recent project. The project took place in an urban, utility ridden roadway in the City of Ft. Pierce. We were able to stay ahead of the contractor with field changes to avoid extensive delays due to utility conflict issues and driveway tie-in issues.

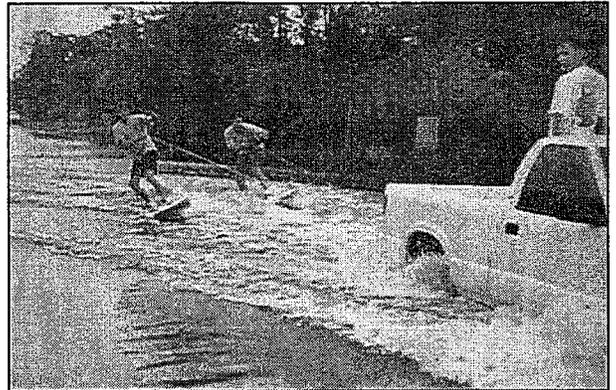


Inclement Weather & Flooding

It is anticipated that the Project will commence construction during the 2011 Hurricane season. Thus special consideration of the contractor program of work and schedule will be given to insure that the project can be secured within a 24 hour period. Attention and planning to this issue will minimize the risk of damage to the abutting properties, infrastructure, and to the Public.

We propose the contractor set up the by pass pumping facility in advance of the construction and we will be sure that the Hurricane Plan provided by the contractor addresses all pertinent aspects, including:

- Storm threat assessment;
- Set-up of proper communications;
- Thresholds and proper timelines for securing the site;
- Proper securing of materials and equipment;
- Preparations for recovery equipments including fuel availability;
- Removal of ditch blocks and other obstructions;
- Drainage preparations, including construction of temporary swales or other drainage features;
- Recovery plan and timeline to accommodate repairs and resume work

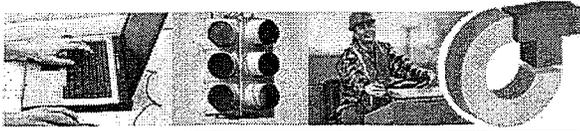


EWIP After Tropical Storm Faye

Oftentimes the contractor will be too busy trying to achieve production and overlook requirements such as the need to maintain water flow in the drainage ditch system. This is especially important during the wet season. The Plans clearly require that flow capacity be maintained at the Seybold Waterway, County Line Ditch and Harrington Avenue Outfall during construction. Our experience has required bypass pumping and other methods to maintain water flow. Any ditch blocks that are utilized will need to be at proper elevations, or removed prior to storm events. This is also true for the cofferdam work at the reservoir, where the NAVD elevation of 16.5 feet will trigger the need for the pump station to be operational. We will assure that the existing flow capacity is available at all times.

Proper Installation of Articulating Block Mats

Based on past experience, it will be critical to confirm that the anchors are properly installed and witnessed. We recommend pull tests. We will also need to ensure interfaces are correctly constructed with the specified 4,000 psi concrete or grout, and that all manufacturer recommendations are followed.



Pond Excavation

Pond Excavation could pose the following concerns:

- **Hauling** – We have learned from past projects that the haul of excavation material from the pond area often poses a problem. We will assure that dewatering is performed adequately so that saturated material is not loaded onto trucks. If material is too wet, it may need to be stockpiled to dry out prior to hauling. We will assure that proper truck routes are followed and any trucks with maintenance issues are removed from service and repaired, i.e. leaking tail gates. We will not permit overloaded trucks. We will require trucks to be tarped, request ongoing sweeping and assure that soil tracking devices are properly maintained.
- **Dewatering** - Dewatering will be a critical issue especially during the wet season. Ideally, the pond should be excavated in sections, placing dewatering effluent into cells or the recharge trenches as outlined in the Plans. Dewatering for the pond excavation shall not fall below elevation 2.5 NGVD.
- **Slopes** – We will continually check side slopes as work progresses to avoid certification issues at project completion. Pond slopes will be easy for us to check as our inspector will have survey equipment available on-site. We will also assure that reasonable material is utilized on the slopes in order to not affect slope stability. We have past experience and a good working relationship with the proposed geotechnical firm, Nutting Engineers.

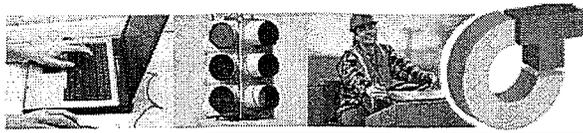
Ditch Restoration

Slopes – As discussed, we will continually check side slopes as work progresses to avoid certification issues at project completion. We will assure that the slopes are stable. We understand that the majority of the north side slopes will not be re-graded to avoid impacts to residents.

Oftentimes the contractor will try to move too quickly while select clearing or removing sediment. We will need to pay special attention to assure that exotics are removed, but identified native trees are saved as required by the Contract.

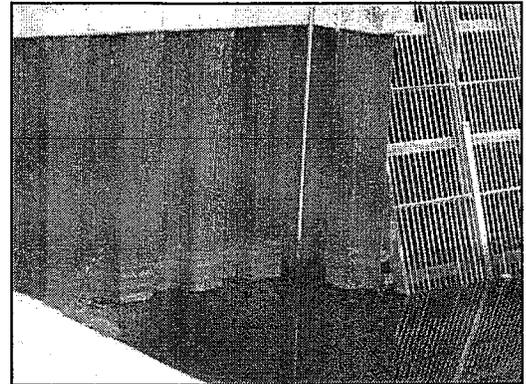


Existing Ditch Typical Area



Sheet Pile Restoration & Pile Jackets

The Contractor, American Earth Movers (AEM), has bid extremely low on this item. We will need to review the work with AEM and ensure that corners are not cut on the sheet pile restoration work. We will assure that qualified welders are used and that the appropriate paperwork is provided and on file. We will bring in a certified welding inspector to supplement our inspector during welding operations as an added assurance. Test reports will be provided to the City. We will assure that the contractor carefully follows all of the sheet pile restoration specifications. We will ensure that preparation is proper and that the specified products are utilized with the correct two coat process in accordance with SFWMD Spec. Section 09900. We will assure that mil thickness is adequate and pin holes are not an issue. Our goal is to assure a quality restoration that will provide a long service life with reduced maintenance needs.



**Sheet Pile and Trash Rack
Restoration Area**

Our staff also has previous experience on several types of pile jackets. This project calls for FRP jackets to be filled with epoxy grout. We will assure that a quality restoration is achieved by verifying that: the existing concrete surface is properly cleaned & prepared, all loose concrete is removed, jackets are properly supported and sealed, and the grouting procedure assures that no voids result.

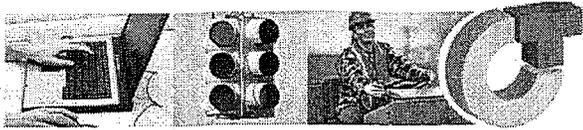
Sheet Pile Weir Installation Methods

The proposed sheet pile weir structure will utilize vinyl sheet pile. Our management and inspection staff has experience on several of these types of structures in the past. The sheet pile weir on this project is very similar to the weir structures that our staff has overseen in the past. We have reviewed the construction plans with the specified manufacturer and understand that special installation methods are required for this type of sheet pile. These methods could include excavation to toe depths and proper backfill, or using the manufacturer specified vibratory hammer that will not damage the vinyl sheet piles. If a different manufacturer is substituted, we will follow up on the installation requirements of that product.

Force Main Pipe Installation – General

Based on our previous experience, installation of the 36” force main pipe could pose challenges including;

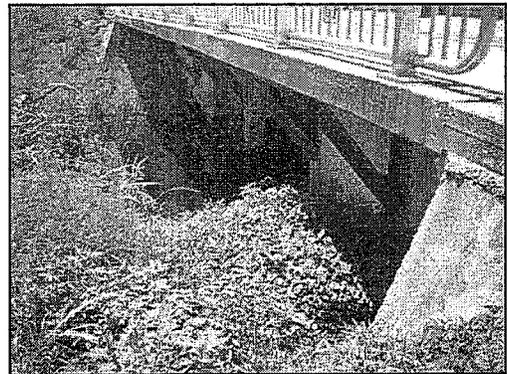
- **Handling** – It will be critical that the contractor properly transports, stores and picks up the pipe sections to avoid damage. We will schedule a materials inspection prior to installation.



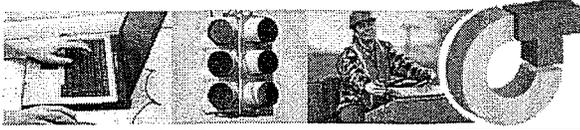
- **Installation** – The pipe will be installed with the specified minimum 36” cover. The plan 5’ separation from the proposed fiber optic conduit will need to be addressed as there is not enough ROW to accommodate this separation while keeping the fiber conduit 2’ from the ROW line. The pipe may require proper well pointing so that it may be installed in dry, stable conditions. A stable trench bottom will be verified. We will assure that the pipe is properly bedded and that the specified compaction and densities are achieved. Backfilling will be carefully monitored, including compacting material under the haunch areas. We will make sure that the pipe is properly restrained and that accurate as-builts are provided. We have concerns regarding the lack of information on needed pipe restraints (see the “Plan/Site Observations” section below).
- **Pipe Floatation** - Potential Concern: Burial Depth is marginally acceptable to prevent pipe flotation under saturated soil conditions and pipe is not filled with water. The buoyancy force from the pipe is approx. 450 lb/lineal foot and the saturated soils directly over the top of the pipe are approx. 350 lb/lineal foot. We propose to closely monitor the contractors dewatering of the Blackwell Canal and the pipe installation to insure that the pipe is full of water prior to allowing the canal to fill to design water elevations.
- **Unsuitable Soils** – The contractor will often try to claim for unsuitable soils conditions. The plans address the use of A-2-4 soils, requiring that moisture content does not exceed optimum by more than 2%. We will hold the contractor to this as A-2-4 with less than 15% fines is considered select fill by the FDOT Design Standards. We have extensive experience with the soils expected to be encountered. We will assure that any compensation for unsuitable soils is supported by the Contract documents. We will work closely with Nutting Engineers on this issue.

Construction of Stormwater Pump Station Facility

A concrete facility will be constructed at the south end of Calais Street to accommodate a mobile pump unit. The construction of this facility will require construction of structural concrete pavement. Our staff has experience on thousands of square yards of concrete pavement construction on FDOT and commercial facilities. Our inspectors have appropriate CTQP and ACI concrete certifications and will assure that all of the following parameters meet specifications: rebar size & spacing, subgrade densities, concrete mix design, slump, air entrainment, water-cement ratio, temperature, expansion material, joints, finish and curing. We are also prepared to assure quality on the associated fencing, pipe connections, hand rails and grates. We have discussed the construction with the adjacent property owners and understand their concerns.



**Box Culvert Interface at FDOT
owned US-1**



Other Stakeholders Coordination

Based on past projects, we know that coordination with other agencies will be important to keep the project moving and to facilitate a timely close out process. This project will require interfacing with South Florida Water Management District, Martin County, and FDOT. Our team has outstanding working relationships with these entities and will facilitate resolution of any concerns that may arise. There will also be open communication needed with Sam's Club as easements will be utilized for the project. We have already made initial contact with Sam's Club and their consulting engineer.

The differing work hours and noise ordinance hours between the City and Martin County is an issue that may need to be worked out depending on the contractors work hours. We will also need to coordinate with Martin County Growth Management prior to starting work.

Permitting Requirements

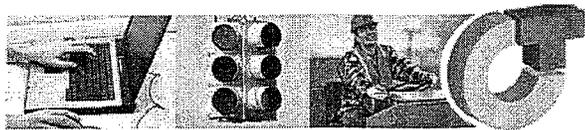
Our team has extensive experience in coordination with the permitting agencies that will be involved on this project. We have substantial experience with the Army Corps requirements, including the Indigo Snake training, pamphlets, reports, and signs that are required.

We have extensive experience working with Guy Bosclair of SFWMD and have had much past success working through difficult issues on previous projects. If DEP certifications are needed for unforeseen water or sewer work, our experience in certifying to FDEP will be invaluable. We are aware of the Fish and Wildlife endangered species concerns, including the 67 Gopher Tortoises that have been relocated. We are aware that there will likely be more, and are prepared to work with R.L. Weigt for additional relocations, if needed. Finally, as a full service firm, we can quickly provide any support services that may be needed related to the project permits.

NPDES & Environmental Compliance

Any large scale earthwork project will present challenges related to NPDES compliance. Once production work starts, the contractor usually neglects the required maintenance of NPDES devices. We have Stormwater Inspector Certified staff that will assure proper best management practices, including silt fence and turbidity barrier are utilized as appropriate. We will assure that all devices including the silt fence and turbidity barriers are continually maintained. To assure compliance, the contractor will need to constantly assess and adjust operations to keep turbidity readings in line. The soil tracking devices' location and angle to the road may need to be adjusted in order to better suit the anticipated egress movements. Other critical tasks to be enforced are wet sweeping and dust control. If necessary, we will stop production work until the issues are resolved.

Frequently during these types of projects, the contractor will try to excavate without adequate dewatering. As a result, wet material leaks out of the trucks' tail gates and causes additional NPDES concerns. We will assure that proper dewatering is implemented in order to avoid this issue.



The water from the pond will be high in turbidity; therefore the water must go to the recharge trench or the holding cell. In the plans the use of 3" pumps are called out for wetland recharge.

On this project there is a possibility of encountering species such as Indigo Snakes and Gopher Turtles. Our experienced staff will handle any such encounters appropriately in accordance with established protocol.

Safety & MOT

MOT is always a critical item. Our past experience shows that the contractor will often try to take short cuts on MOT to save time and increase production. We will not allow work to proceed unless the MOT meets the FDOT 600 Series Standard index or an alternate signed & sealed traffic control plan accepted by the City. Any requested detours will need to have prior approval and notice. Construction traffic access and speed will need to be controlled in the residential neighborhoods. Whether related to MOT or trench safety, there will be a zero tolerance for non-compliance as safety cannot be compromised. Production work will not be allowed to proceed if there are any safety concerns.

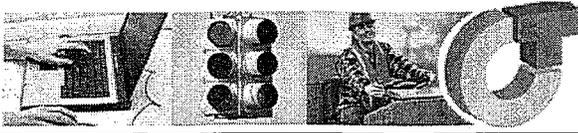
Adjacent Projects Coordination

C&T is currently performing CEI Services for the adjacent, overlapping Lennard Square project. Our team is in the best position to effectively coordinate between these two overlapping projects. We will hold coordination meetings on a weekly basis, or daily, if warranted. More importantly, we would be in constant communication with both contractors, since we would be performing CEI services on both projects. By having Culpepper & Terpening perform CEI on both projects, coordination between contractors, agencies, and residents would be seamless.

Cost Containment

In today's environment, with limited budgets, cost is always a concern. We will pay attention to the following areas to contain project costs:

- Value Engineering – Prior to work, and as work proceeds, we will look for value engineering opportunities. Based on our bid review, it looks like there are a few items that are of higher cost than anticipated. We will propose alternates to significantly high cost bid items to the City and design engineer. On past projects, we have identified cost savings during construction based on the field observations. We will also propose these potential savings as they become apparent after clearing and initial topographic survey.
- Bid Results – American Earth Movers (AEM) has not performed work within the City. We have worked with other contractors that were new to the City and are fully prepared to guide AEM through the City process and paperwork for inspections, pay requests and other items. As previously mentioned, AEM has bid extremely low on the steel sheet pile restoration item. We will be sure to fully review the work intent to assure that a quality product is achieved at the bid price. AEM has included a high mobilization cost in their bid. With this in mind, we will need to be sure that quantities on pay requests are carefully reviewed to avoid getting ahead of the Contractor on payment.

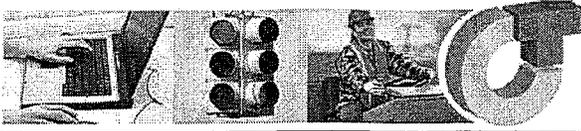


The most significant payment/quantity item will be the excavation item. This is the most difficult for a CEI firm to verify because it is dependent on the survey information provided by the contractor. Our CEI staff has the ability and survey equipment available to independently verify the excavation quantities. We will make sure that this most important item is accurately reported.

- Change Order and Claims Review – Our Project Manager has extensive change order and claims experience. We will thoroughly evaluate any change order request against all of the Contract Documents prior to agreeing to entitlement for additional payment. We will also carefully review any proposed costs against FDOT unit costs and look to offset any added costs with available credits. If a claim arises, our Project Manager is highly experienced in preparing position papers and presentations to support the owner's position.
- Schedule – We will assist the contractor in their planning and coordination so that they may achieve their schedule goals. When the contractor is ahead of schedule, they have less overhead costs and are less likely to “nickel & dime” for change orders. Completing the project ahead of schedule will also save on CEI costs.
- Efficiency of CEI Staff – Selecting Culpepper & Terpening for the Loutus project will have a positive cost impact on two levels. First, there will be enhanced contractor coordination between the Lennard Square and Loutus projects, keeping the schedules moving to save time and cost. Second, there will be lowered CEI costs by providing efficiency of staff by sharing of personnel between these two adjacent projects.

Federal Compliance

It has been our experience that the contractor will not place high importance on the federally mandated requirements such as the Davis-Bacon Act and Buy America. We will make sure that these aspects are fully documented. We will not recommend payment if there are outstanding issues, and we will issue deficiency letters until the issues are corrected. Our Resident Compliance Specialist, Ms. Terri Gorman, does an outstanding job on certified payrolls. She has formal FDOT certification on EEO, Certified Payroll, and DBE Compliance Reporting. On a recent ARRA project where we performed CEI services, a project close out FDOT review showed that there were no certified payroll or EEO deficiencies.



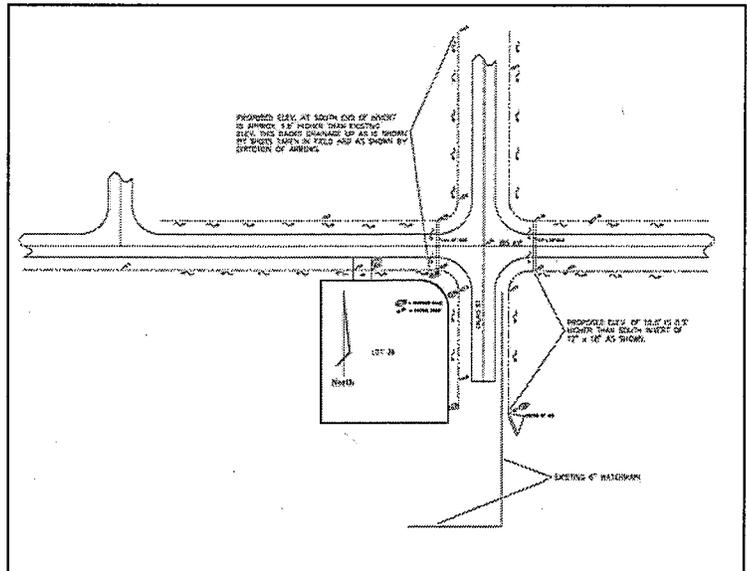
Plan Clarification, Challenges and Issues

The key is to identify issues early and agree on solutions before cost or schedule is impacted. Our staff has the ability and flexibility to find and resolve these issues.

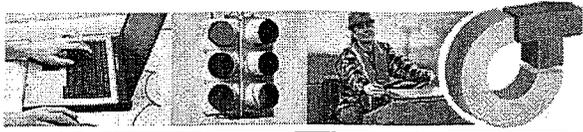
There are a few other minor items that need additional clarification. We have performed CEI services on projects designed by Captec in the past, have working together on past projects and have an excellent working relationship. We will continue to be proactive and identify any other items that need to be addressed before they impact the **Scope, Schedule or Budget**. A few other items that need to be proactively reviewed and resolved include:

- **Plan Sheet 6** – It appears that it may be necessary for FPL to perform a pole removal at the US 1 box culvert articulating block mat area. If FPL does not respond, we can direct the Contractor to remove this pole since there are no facilities attached at this time.
- **Plan Sheet 6** – It appears that additional details are needed regarding the proposed access via the Sam's Club driveway.
- **Plan Sheet 8** - It appear that it will be necessary to adjust the stormwater force main alignment to the north (or the fiber optic conduit installed closer to the main) to maintain separations and accommodate the intended 2' offset from the conduit to the ROW line.
- **Plan Sheet 8** - During our recent site review for this project, we noticed that the existing grades do not appear to support the proposed drainage design shown on Plan Sheet 8 for Calais Street. Our staff quickly collected (within 30 minutes) the existing information.

We now know ahead of time that adjustments will need to be made at this area to keep the swale from holding water. One proposed solution is to add a culvert across the south end of Calais Street, connecting the east and west swales. We will propose this and other possible solutions to the City and design EOR prior to work proceeding.

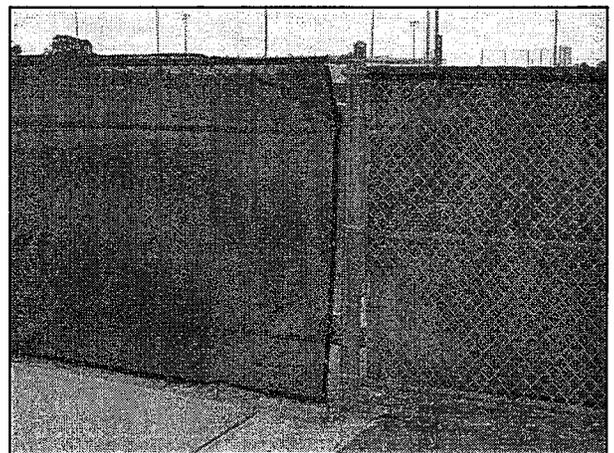


Calais Street and Ibis Avenue

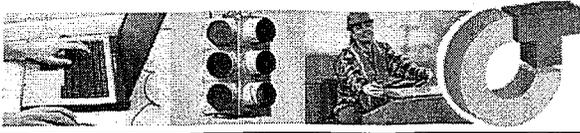


- **Plan Sheet 9** – It does not appear on the plans that there is sufficient bank available within the City limits across from the Gate Waterway to accommodate the 36” force main and proposed 10’ maintenance road. Our field review shows that there is more room available than conveyed in the plans, but a full assessment will need to be made once the County line is staked. It may be necessary to use 45 degree bends instead of 22.5 degree bends, or possibly build out the bank in this area.
- **Plan Sheet 9** – There is no force main restraint table or other restraint design information on the plans. Proper restraining of the force main will be critical to prevent blow outs during operation. Another option may be to use HDPE pipe.
- **Plan Sheet 10** - The high volume of water has the potential to scour the energy dissipaters resulting in potential undermining of the articulating concrete block. The system design will always have the potential for siphoning under high water level; therefore consider a discharge pipe entering into the bottom of the basin with an upturned elbow, tee, vortex plate and a concrete protective slab.
- **Plan Sheet 10** – There is a potential for siphoning under conditions when the water level in the reservoir is at Elevation approx. 21.4. It may be advisable to consider an air gap extending at least to the top of berm.
- **Plan Sheet 12** – It appears that additional information is needed regarding concrete joint locations and details for the concrete sump at the interim pump station facility.
- **Plan Sheet 12** – Currently the plans details a “**10 foot swing gate**” from the pump station to the Blackwell Waterway Canal. First when open the 10 foot gate blocks a majority of the Canal’s access way and will require someone to close the gate prior to heading easterly.

Secondly the “**10 foot swing gate**” will have green screening and during a storm event with high winds the gate will act like a sail and will be very hard to control. We recommend that the City consider utilizing a sliding fence gate to minimize occupation of roadway space when gate is open and to guard against wind hazards during a storm event.



Typical Sliding Gate



6. Please provide insights or innovative procedures for how your company would deal with or interface with the local residents and property owners who are adjacent to the limits of the projects.

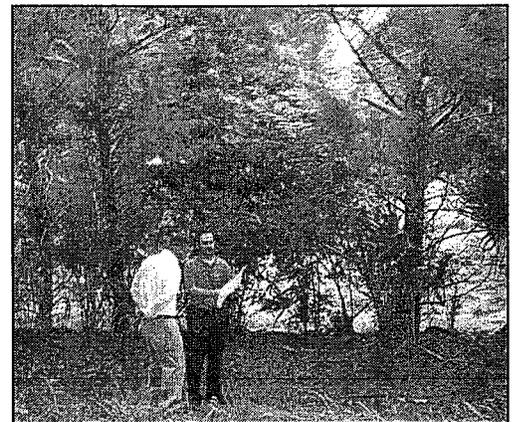
Culpepper & Terpening, Inc. has provided CEI Services for extremely resident and business sensitive projects. This includes Projects within the City's such as the City's USA Water & Sewer Project, Crosstown Parkway, Westmoreland Boulevard and many others both for public and private clients.

We have worked on many other resident and business sensitive projects including Green River Parkway and the Walton Road reconstruction.

Proven Methods utilized in the past:

Culpepper & Terpening, Inc. has a good relationship with the residents, communications via face to face is critical.

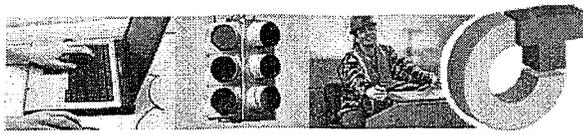
We believe that face to face is the most effective method to interact with residents. In the field, our representative meets and becomes familiar with the residents. The residents will typically learn to trust our representative. We will not make promises that cannot be kept. It is important to be consistent and do not offer something different from resident to resident. We will keep the City informed and request buy-in from the City on any concessions. We have had excellent experience on recent past projects with gaining trust and acceptance of residents and business owners that were confrontational at the start of the project.



During our field review. We have already spoken to some residents at Harrington Avenue and South Blackwell Drive

In conducting an initial neighborhood walk thru we were able to meet many residents, we have found that some of the residents have the following concerns:

Resident	Concerns
Thomas Higgins 2684 Ibis Ave	<i>(corner with mobile pump station) Concerned about when pump will need to run and how loud it will be. Concerned about work hours and truck traffic.</i>
Todd Barbour 2666 Ibis Ave	<i>Children are on road in morning and concerned for their safety in case of increased construction traffic.</i>
Dave Herrmann 2642 Ibis Ave	<i>Looking forward to the progress, and alleviating flooding. Concerned about truck traffic.</i>
William Couturier 2636 Ibis Ave	<i>Concerned about work hours and overall project duration.</i>



Jeffrey Narvel
2552 Jason Ct. *Concerned about truck traffic and safety of children walking to school.*

Delphine Anderson
2530 Jason Pl *Concerned about noise, work hours, truck traffic and overall job duration*

Schmidt Residence
2585 Marseille St *Concerned about construction traffic in area, especially safety of kids on bikes.
Concerned about being able to continue to walk to Publix from end of Marius.*

Porzio Residence
2400 Harrington Ave *Concerned about ill family member, that sleeps toward back end of house,
requesting special consideration in this area.*

Cynthia Gregory
2374 Harrington Ave *Concerned about wildlife and possible relocation of certain wildlife. Concerned
about walking to Publix.*

William Leonard
2344 Harrington Ave *Concerned about work hours, truck traffic, noise and distance from the property
to lake top of bank.*

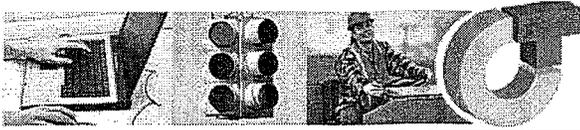
Ian Robertson
2302 Harrington Ave *Concerned about start date, project duration, noise, and truck traffic.*

Chris Raos
2798 Ibis Ave. *He was not aware that project was taking place, After hearing project scope; he
has no concerns at this time.*

Efrain Montano
2579 Marseille St *No concerns at this time.*

Other innovative Methods utilized in the past are included below.

- On many projects we will place individual door hanger outlining project schedule and “hot line” phone numbers and web page for the resident/business complaints and information requests.
- On projects where residents and businesses are critical we will set up a dedicated hotline and email account. Since this is a sensitive project, we will set up a “hot line” for resident/business complaints and information requests.
- In the past, we have sent out mailers using GIS information to target residents and businesses within a specified circumference from the project. This is especially useful to notify the public of any closures. Additionally, we could set up a website to provide weekly updates on progress and for the public to request information. A web camera may also be utilized at a reasonable cost, if desired.



- If requested by the City, we could hold periodic public meetings as we did on the Walton Road Reconstruction Project where there was a great deal of abutter concern.
- We will make sure that proper haul routes are followed and off hour's noise are mitigated by use of pump enclosures or other suitable methods.
- We could also, at the City's request, implement use of social media methods such as Face book or Twitter. We are currently using these on other projects.
- The above methods will supplement the use of variable message boards and press releases that will be used by the City. We have had excellent experience utilizing these methods.

7. Where is your staff office located for this project and what is the estimated response time (hours) to handle an after hour emergency?

Our staff will be located out of our main office on S. 25th Street, St. Lucie County Florida.

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 or northern Martin County.

8. Does your firm accept payment by Credit Card?

YES

9. List past 5 years of litigation history

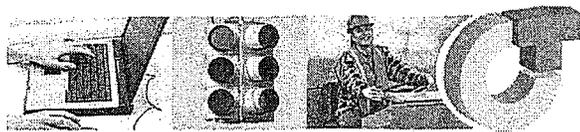
Culpepper & Terpening like most other companies over the past several years have been named in law suits.

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.

10. List # of CEI projects awarded to City in past 12 months and the total dollar amount.

- | | |
|-------------------------------|-----------|
| 1) PSL Boulevard Lighting CEI | \$167,690 |
| 2) PSL Lennard Square CEI | \$225,125 |



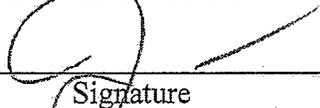
ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued
#1	8/29/2011
#2	8/29/2011

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 #20080132 & 20100113.

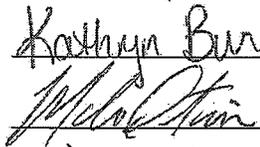
I agree to abide by all conditions of this E-Bid.:

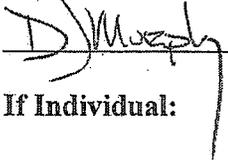
 _____ President
 Signature Title

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)

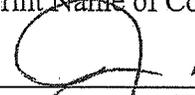
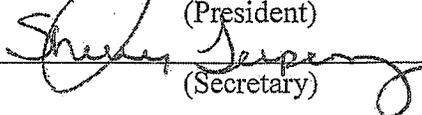
If Corporation:

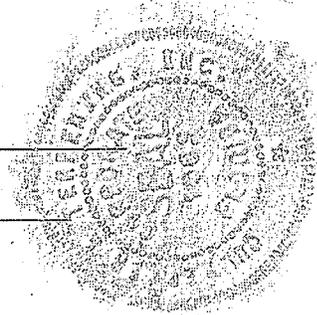
Culpepper & Terpening, Inc.
Print Name of Corporation

If Individual:

 Signature

 Print Name

By:  _____ (President)
 Attest:  _____ (Secretary)





"A City for All Ages"



CITY OF PORT ST. LUCIE

**Sealed Electronic Proposal #20110088R
(E-Bid)**

Re-bid Construction Engineering Inspections Loutus Pond

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 THIS E-BID IS ONLY FOR THE FOLLOWING ENGINEERS WHO HOLD MASTER CONTRACT #20080132 and 20100113 WITH THE CITY:

American Consulting, AECOM, Calvin, Giordano & Associates Inc., Captec Engineering Inc., Carnahan-Proctor-Cross, Consultech, Corrandino Group, Creech Engineers Inc., Culpepper & Terpening Inc., GBF Engineering, Hill International, Milestone Construction Group, LLC, PB S & J, Reiss Engineering, Inc., Keith & Schnars P.A., Milestone Construction Group, LLC., RS & H CS, R.J. Behar & comp., Inc., Schulke, Bittle & Stoddard, LLC., TBE Group, Inc. Target Engineering.

INVITATION TO E-BID

Sealed Electronic Proposal #20110088R Construction Engineering Inspection (CEI) for Loutus Pond Project will be received by the Office of Management and Budget of the City of Port St. Lucie no later **4:00:00 p.m. on September 6, 2011.** 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 #20080132 & 20100113 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 Engineer may be used interchangeably.

Documents required for this E-Bid:
Completed 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, #20110088 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 #20110088 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 try to limit your submittals to no more than 5mb.**

INQUIRIES

All questions related to the Request for Proposal must be directed to Cheryl Shanaberger in the Office of Management and Budget. She can be reached at (772) 871-7390. Questions shall be submitted in writing, if possible, at least ten (10) days prior to proposal opening. Questions may be e-mailed to cheryls@cityofpsl.com. To ensure fair consideration for all proposers, it must be clearly understood that Mrs. Shanaberger is the only individual who is authorized to represent the City. Questions submitted to any other person in any other department will not be addressed. Additionally, the City prohibits communications initiated by a proposer to **any City Official or employee evaluating or considering the proposals (up to and including the Mayor and City Council)**, prior to the time an award decision has been made.

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	August 26, 2011
Proposal Due	September 6, 2011 @ 4:00:0 P.M. EST
Evaluation Committee*	September 13, 2011 @ 2:30 P.M
Q & A*	September 16, 2011 @ 9 A.M.
Tentative City Council Short List Approval	September 26, 2011
Tentative Negotiations	September 29, 2011 @ 9 A.M.
Tentative City Council Contract Approval	October 10, 2011

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

* Committee will meet in the Conference Room (390) in the Office of Management & Budget at 9 am.

EVALUATION AND AWARD

Responses will be scored in the following manner:

	<u>CRITERION</u>
	<u>MAXIMUM SCORE</u>
a) Assigned Staff Experience in CEI for this type project	30 points
b) Firm Experience	30 points
c) Challenges for this project	15 points
d) Innovation	15 points
e) Emergency Response Time	5 points
f) Accepts Payment by P-Card	5 points
Total 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 Engineer shall provide Construction Engineering Inspection Services for the construction of a wet detention pond drainage system in the City of Port St. Lucie. The construction project involves, but is not limited to: one stormwater detention pond, outfall structures, conveyance piping, drainage structures, maintenance of traffic (MOT), residential roadway pavement restoration, rip-rap, sidewalk, conduit & fiber optic system, pressure pipe systems, mobil pump system station, sediment & erosion control measures, sodding, pump station structural repairs, landscape restoration and all work needed to provide a complete project.

The Engineer shall provide Construction Management and Daily Inspection Services during the construction of the designed improvements and shall assist with interpretations of, and report on issues related to the construction plans and contract documents. Engineering services shall be provided for construction management support during the procurement process, review of construction documents and plans, coordination and daily field inspection and documentation of construction activities, schedule monitoring, pay item tracking and monthly progress payments, coordination of progress meetings and other project related meetings as necessary, and review of as-built drawings to facilitate construction final payment and close-out. The Engineer shall strictly enforce Compliance with all OSHA requirements by the contractor.

The Engineer shall perform the following scope of construction related services:

1. Review and become familiar with contract documents (construction plans, specifications, bid documents, permits, etc.)
2. Attend/Conduct pre-construction meeting. Prepare response to questions if necessary.
3. Review the following Contractor supplied documents for consistency with the bid documents, plans and specifications prior to site mobilization:
 - A) Construction Project Schedule
 - B) Shop Drawings
 - C) Product Specifications
 - D) Dewatering Plan

- E) Survey Control Documentation
 - F) NPDES Construction Notification
 - G) Utility Coordination Documentation
4. Coordination of daily site inspection by Engineer's Resident Inspector, with the following tasks performed:
- A) Review contractor's planned activities for the day
 - B) Coordinate testing of materials
 - C) Summarize personnel and equipment present
 - D) Observe construction materials staged onsite
 - E) Observe and monitor offsite drainage and property impacts
 - F) Observe and monitor erosion control measures
 - G) Observe benchmarking
 - H) Observe and monitor safety issues
 - I) Observe and monitor maintenance of traffic
 - J) Perform periodic checks of contractor's compliance with contract specification requirements
 - K) Photo document site as needed
 - L) Document and summarize resolution of any problems, issues, contract interpretations, etc.
 - M) Complete Daily Work Reports
 - N) Document pay item quantities for constructed/installed materials
5. Review and coordinate response for any written Contractor Requests for Information (RFIs) provided to Engineer.
6. Review and provide recommendations to the City on any change orders necessary to complete intent of project scope.
7. Review and provide recommendations to the City on the Contractor's Monthly Pay Request.
8. Conduct progress meetings with City and Contractor personnel to discuss construction progress and issues. It is assumed these meetings will be conducted weekly.
9. Conduct initial and final walk-through inspections of project with pertinent stakeholders and provide City with punch list input. Ensure correction of any deficient items noted on punch list.
10. Review as-built construction plans submitted by the Contractor as well as final geotechnical testing results. The as-builts will provide the basis for the certification of construction completion.
11. Assist the City with any public involvement efforts necessary for the project.
12. Review and provide the City with recommendations and resolution on any claim issue provided to Engineer by the Contractor.

DELIVERABLES

The Consultant shall be required to prepare and submit the following:

1. A Construction Completion Package (3 hard copies) for the City's records. The package will include the following:
 - A) Dated final as-built schedule, time file and daily work reports.
 - B) Field survey/geotechnical verification data provided to Engineer by the Contractor and/or City.
 - C) Final as-built plans provided to Engineer by the Contractor.
 - D) Documentation of progress meetings, and any other pertinent project meetings with dates and notes.
 - E) Documentation of all field decisions which caused any deviation from the plans and/or specifications.
 - F) Documentation of all testing results provided to Engineer by the City's testing firm.
 - G) Documentation of progress payments and final payment to the Contractor.
 - H) Copies of all RFIs and responses, and change order requests provided by the contractor. Copies of all executed changes to the contract.
 - I) Copies of the final inspection punch lists developed, with dates of item resolution.
 - J) All other project records developed.
2. Prepare CD/DVD containing electronic copy of all deliverables in PDF format.

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QUESTIONNAIRE
E-Bid #20110088R
CEI for Loutus Pond

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 _____, 2011

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

2. What is the experience of staff that will be assigned to this project in CEI for this type scope?

Staff Name	Title	Years Description Experience
------------	-------	------------------------------

(This is a word document add lines as needed)

3. Number of part time CEI personnel that will be assigned to this project.

Staff Name	Title	Years Description Experience
------------	-------	------------------------------

(This is a word document add lines as needed)

4. What is the overall company experience on CEI contracts for Stormwater, Detention Pond and/or Stormwater Treatment Area construction projects?

(This is a word document add lines as needed)

5. In your Company's experience, what are the challenges and issues associated with the construction portions of these projects?

6. Please provide insights or innovative procedures for how your company would deal with or interface with the local residents and property owners who are adjacent to the limits of the projects.

7. Where is your staff office located for this project and what is the estimated response time (hours) to handle an after hour emergency? _____

8. Does your firm accept payment by Credit Card? _____

9. List past 5 years of litigation history

10. List # of geotechnical projects awarded to City in past 12 months and the total dollar amount.

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 #20080132 & 20100113, and that all employees that will be working on site will comply with the Jessica Lunsford Act.

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 Corporation:

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

If Individual:

 Signature

 Print Name

**SAMPLE
CITY OF PORT SAINT LUCIE
CONTRACT #20110088R**

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 #20110088R for the Construction Engineering Inspections for the Loutus Pond project. All Terms and Conditions of the Master Contract #20080132 and 20100113 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:

Description of Services

The Engineer shall provide Construction Engineering Inspection Services for the construction of a wet detention pond drainage system in the City of Port St. Lucie. The construction project involves, but is not limited to: one stormwater detention pond, outfall structures, conveyance piping, drainage structures, maintenance of traffic (MOT), residential roadway pavement restoration, rip-rap, sidewalk, conduit & fiber optic system, pressure pipe systems, mobil pump system station, sediment & erosion control measures, sodding, pump station structural repairs, landscape restoration and all work needed to provide a complete project.

The Engineer shall provide Construction Management and Daily Inspection Services during the construction of the designed improvements and shall assist with interpretations of, and report on issues related to the construction plans and contract documents. Engineering services shall be provided for construction management support during the procurement process, review of construction documents and plans, coordination and daily field inspection and documentation of construction activities, schedule monitoring, pay item tracking and monthly progress payments, coordination of progress meetings and other project related meetings as necessary, and review of as-built drawings to facilitate construction final payment and close-out. The Engineer shall strictly enforce Compliance with all OSHA requirements by the contractor.

The Engineer shall perform the following scope of construction related services:

13. Review and become familiar with contract documents (construction plans, specifications, bid documents, permits, etc.)
14. Attend/Conduct pre-construction meeting. Prepare response to questions if necessary.
15. Review the following Contractor supplied documents for consistency with the bid documents, plans and specifications prior to site mobilization:
 - H) Construction Project Schedule
 - I) Shop Drawings
 - J) Product Specifications
 - K) Dewatering Plan
 - L) Survey Control Documentation
 - M) NPDES Construction Notification
 - N) Utility Coordination Documentation
16. Coordination of daily site inspection by Engineer's Resident Inspector, with the following tasks performed:
 - O) Review contractor's planned activities for the day
 - P) Coordinate testing of materials
 - Q) Summarize personnel and equipment present
 - R) Observe construction materials staged onsite
 - S) Observe and monitor offsite drainage and property impacts
 - T) Observe and monitor erosion control measures
 - U) Observe benchmarking
 - V) Observe and monitor safety issues
 - W) Observe and monitor maintenance of traffic
 - X) Perform periodic checks of contractor's compliance with contract specification requirements
 - Y) Photo document site as needed
 - Z) Document and summarize resolution of any problems, issues, contract interpretations, etc.
 - AA) Complete Daily Work Reports
 - BB) Document pay item quantities for constructed/installed materials

17. Review and coordinate response for any written Contractor Requests for Information (RFIs) provided to Engineer.
18. Review and provide recommendations to the City on any change orders necessary to complete intent of project scope.
19. Review and provide recommendations to the City on the Contractor's Monthly Pay Request.
20. Conduct progress meetings with City and Contractor personnel to discuss construction progress and issues. It is assumed these meetings will be conducted weekly.
21. Conduct initial and final walk-through inspections of project with pertinent stakeholders and provide City with punch list input. Ensure correction of any deficient items noted on punch list.
22. Review as-built construction plans submitted by the Contractor as well as final geotechnical testing results. The as-builts will provide the basis for the certification of construction completion.
23. Assist the City with any public involvement efforts necessary for the project.
24. Review and provide the City with recommendations and resolution on any claim issue provided to Engineer by the Contractor.

DELIVERABLES

The Consultant shall be required to prepare and submit the following:

11. A Construction Completion Package (3 hard copies) for the City's records. The package will include the following:
 - K) Dated final as-built schedule, time file and daily work reports.
 - L) Field survey/geotechnical verification data provided to Engineer by the Contractor and/or City.
 - M) Final as-built plans provided to Engineer by the Contractor.
 - N) Documentation of progress meetings, and any other pertinent project meetings with dates and notes.
 - O) Documentation of all field decisions which caused any deviation from the plans and/or specifications.
 - P) Documentation of all testing results provided to Engineer by the City's testing firm.
 - Q) Documentation of progress payments and final payment to the Contractor.
 - R) Copies of all RFIs and responses, and change order requests provided by the contractor. Copies of all executed changes to the contract.
 - S) Copies of the final inspection punch lists developed, with dates of item resolution.
 - T) All other project records developed.
12. Prepare CD/DVD containing electronic copy of all deliverables in PDF format.

SECTION II TIME OF PERFORMANCE

Contract period shall commence _____, 2011, 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 \$. 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.

The Engineering fees for Preliminary Design 1, Task 1.1 Design Survey:

	Est. hours	Rate	Est. Fee
Senior Project Manager			
Project Surveyor			
Survey Mngr			
CADD Technician			
Survey Field Crew			
Principal Eng			
TOTAL			

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 #20110088R. 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 Saint 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 XIX 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.

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 #2011088R, CEI Loutus Pond.

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 _____, 201.

Notary Signature

Notary Public-State of _____ at Large.

My Commission Expires _____
(seal

BID ADDENDUM # 1
E-BID # 20110088R
Addendum Date: August 29, 2011

Construction Engineering Inspection Loutus Pond

Please make the following changes/modifications to the subject bid:

10. List # of geotechnical projects awarded to City in past 12 months and the total dollar amount.

Please change #10 question to below:

10. List # of CEI projects awarded to your firm by the City in past 12 months and the total dollar amount.

Page 9 of 19:

Remove reference of Jessica Lunsford Act.

I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20080132 & 20100113, and that all employees that will be working on site will comply with the Jessica Lunsford Act.

Correct statement.

I agree to comply with all requirements stated in the specifications for this E-bid, the Terms and Conditions including amendments to Master Contract #20080132 & 20100113.

NOTE: The bid opening date is unchanged.

Instructions to Bidder:

Each bidder must acknowledge receipt of any addenda on the Questionnaire in order to have his/her bid or proposal/bid to be accepted.

BID ADDENDUM # 2
E-BID # 20110088R
Addendum Date: August 29, 2011

Construction Engineering Inspection Loutus Pond

Please make the following changes/modifications to the subject bid:
Page 2 of 19,
Please change the following.

Submittal of E-Bid - All proposals shall be submitted by completing and returning the Questionnaire. The Questionnaire should be typed or printed and signed. All submittals are required to be electronic. No hard copies will be accepted.

The Questionnaire is the Bid Reply.

NOTE: The bid opening date is unchanged.

Instructions to Bidder:

Each bidder must acknowledge receipt of any addenda on the Questionnaire in order to have his/her bid or proposal/bid to be accepted.

BID ADDENDUM # 3
E-BID # 20110088R
Addendum Date: September 13, 2011

Construction Engineering Inspection Loutus Pond Rebid

This is notification that the evaluation committee met on September 13, 2011 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;

Hill International Inc.
Captec Engineering, Inc.
Culpepper & Terpening Inc.

The question and answer session will be held on September 16, 2011 at 9 A.M. in the Office of Management and Budget, 121 SW Port St. Lucie Blvd., Bldg. A, Room 390, Port St. Lucie, Florida.

The format of the meeting will be

- A. 3 minutes for introduction by the firm
- B. 17 minutes for questions from committee members

A drawing will be held to establish the order of the Q & A. 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).

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

Please note the meeting is September 16, 2011 at 9 A.M.

Thank you