

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

**COUNCIL ITEM 13B
DATE 2/13/12**

Meeting Date: February 13, 2012

Public Hearing Ordinance Resolution Motion

Item: #20120018, Construction Engineering Inspection and Geotechnical for St. Lucie North Drainage Improvements

Recommended Action:

- 1) Approve short listed firms by evaluation committee #1 Culpepper & Terpening, Inc., #2 Milestone Construction Group L.L.C., and #3 Calvin, Giordano & Associates, Inc. and start negotiation with #1 ranked firm Culpepper & Terpening Inc. If unable to negotiate a contract with #1 firm to continue to negotiate with #2 and then #3 firm.

Exhibits: Department memo attached yes no

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

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

Summary Explanation/Background Information: The Request for Proposal was advertised December 20, 2011 to CEI firms that were awarded contracts under Master contract #20080132 and 20100113. A proposal notification was sent to 28 suppliers and 15 firms requested proposals. The proposal was opened January 3, 2012 at 3:00 P.M. and 3 firms responded. The evaluation committee met January 12, 2012 at 2:30 P.M. and as a consensus short listed and scored as follows: Culpepper & Terpening Inc., Milestone Construction Group L.L.C. and Calvin, Giordano & Associates Inc. The evaluation committee voted to conduct interviews with the 3 top scored firms. The evaluation committee held question and answers with the 3 topped scored firms on January 18, 2012 at 1:00 P.M. and consensus ranked the firms as follows: #1 Culpepper & Terpening, #2 Milestone, and #3 Calvin, Giordano. This is a federal through state funded project with FDOT and LAP requirements that do not allow local preference however a score was provided for response time within the original criteria.

The need for the above is:

Purchase is not a replacement

Purchase is budgeted.

Department requests expenditure from the following:

Fund	401	Stormwater
Cost Center	4126	Drainage
Object Code	534000	Professional Services
Project	Y1123	HMGP Grant St. Lucie N

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

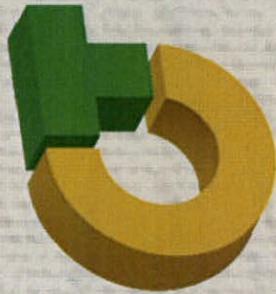
City Manager concurs with award: Department requests _____

Submitted by: **RECEIVED**
Representing Committee
JAN 20 2012

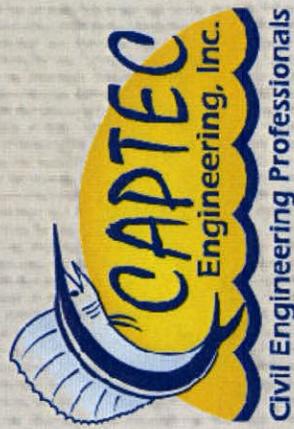
Date Submitted January 18, 2012

City Manager's Office

St. Lucie North Drainage Improvements #20120018



CULPEPPER & TERPENING, INC
CONSULTING ENGINEERS | LAND SURVEYORS



Northern Watershed Improvement Project
CEI and Geotechnical Services



Teaming Approach

C&T

- Project Management & CEI Services

CAPTEC

- FEMA Grant Expertise, Design Modifications & CEI support

AACE

- Testing & Geotechnical Expertise



Staffing Approach

Marcelo Dimitriou, P.E.

- Project Management

Steve Marquart, P.E./Gary Jones, P.E.

- FEMA Grant Expertise, Design Modifications & CEI Support

Fred Jones

- Inspection

David Andre, P.E. & Staff

- Geotechnical Expertise & Testing



Northern Watershed Improvement Project
CEI and Geotechnical Services



Contract Administration Approach

- MOT & Pedestrian Safety
- Complete on time to assure grant funding
- Fully document to assure grant funding
- Assure best value – design modifications
- Cost Containment
- Project Certification & Close-out



CEI Approach - Minimize Public Impacts

- Work area access
- Notifications – Use door hangers
- Work behind homes – C-108
- Road Closures – Rugby Drive, East Torino Parkway, Blanton Boulevard, Canada Street & Volucia Drive
- Finish each work area fully



CEI Approach - Maintenance Considerations

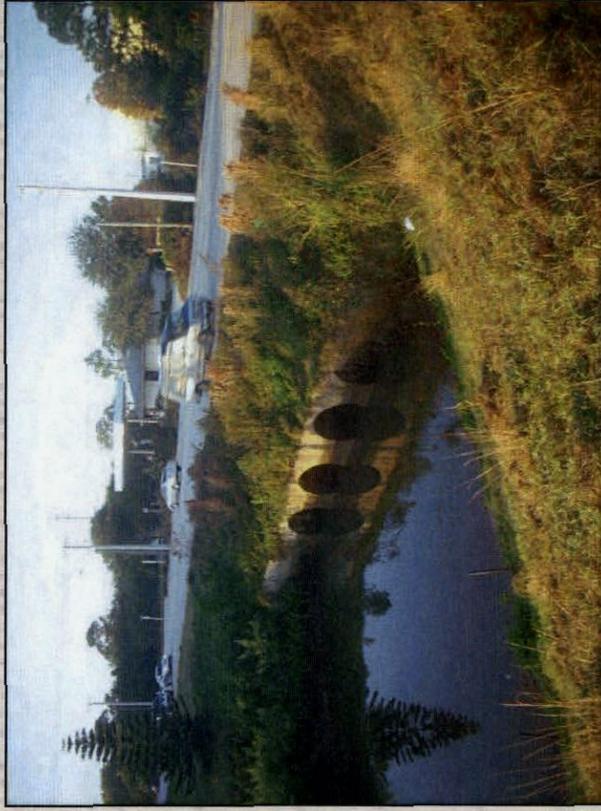
- Quality Product for Long Service Life
- Side Slope Stability
- Mowing/Maintenance Considerations

- Target 3:1 minimum slopes; prefer 4:1
- Assure no protrusions



CEI Approach – Additional Considerations

- Maintaining Flow
- Utility Coordination
- Coordination with other projects



Northern Watershed Improvement Project
CEI and Geotechnical Services



CLOSURE

We will provide you with the project you expect!

We appreciate the opportunity to present our credentials and are ready to answer any questions you may have!



Northern Watershed Improvement Project
CEI and Geotechnical Services



Q & A ATTENDANCE
RFP #20120018
CEI & GEO for SLNDI
January 18, 2012 @ 1:30:00 PM

	Name (Please PRINT Legibly)	Company Name Or Entity
1	Cheryl Shanaberger	City of PSL-OMB
2	Rod Myrick	Calvin - Giordano
3	OSVALDO LARRAZABAL	CALVIN - GIORDANO & Assoc.
4	GARY CRAIG	CALVIN, Giordano & Assoc.
5	Steve Jungjohan	City of PSL
6	Clyde Cuffy	City of PSL Eng
7	Larry Nadeau	City of PSL Eng
8	John Duntan	" " "
9	David Andre	ANCE
10	STEVE MARQUART	CAPTEC
11	Fred Jones	CAT
12	JOE CARRA	CAPTEC
13	Gary Jones	CAPTEC
14	MARCO DIMITROV	CAT
15	Craig Dunkelberger	Dunkelberger
16	Brandi Pilling	Dunkelberger
17	VERNON HACKETT	MILESTONE CONST GRP.
18	Kimberly Roberts	Dunkelberger
19	Melissa Lunsford	City of PSL OMB
20		
21		
22		
23		
24		
25		
26		

EVAL ATTENDANCE
RFP #20120018
CEI & GEO for SLNDI
January 12, 2012 @ 2:30:00 PM

	Name (Please PRINT Legibly)	Company Name Or Entity
1	Cheryl Shanaberger Barb Moquin	City of PSL-OMB
2	Butch Terpening	Colpapper & Terpening
3	John Duntan	city of PSL
4	Steve Jungjolen	PSL Eng
5	Clyde Cuffy	PSL Eng
6	JIM ANGSTADT	PSL ENG.
7	Larry Nadeau	PSL ENG.
8	Melissa Lunsford	PSL OMB
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		

20120018 CEI GEO SLNI
Group Committee Score

January 12, 2012 @ 2:30

	CC	JD	SJ	TOTAL	Rank
Calvin Giordano & Associates					
Criterion	WTG	Points Total	Points Total	Points Total	
Firm Exp FEMA	3	3 9	2 6	2 6	
Assigned Staff Exp	9	5 45	2 18	2 18	
GEO & Density Staff Exp	6	0 0	2 12	2 12	
Emergency Response Time	1	5 5	4 4	4 4	
Accepts Payment by P-Card	1	0 0	0 0	0 0	
Total		59	40	40	139
Ranking		3	3	3	
	CC	JD	SJ	TOTAL	
C & T					
Criterion	WTG	Points Total	Points Total	Points Total	
Firm Exp FEMA	3	5 15	3 9	4 12	
Assigned Staff Exp	9	4 36	4 36	4 36	
GEO & Density Staff Exp	6	5 30	4 24	4 24	
Emergency Response Time	1	5 5	4 4	5 5	
Accepts Payment by P-Card	1	5 5	5 5	5 5	
Total		91	78	82	251
Ranking		1	1	1	
	CC	JD	SJ	TOTAL	
Milestone					
Criterion	WTG	Points Total	Points Total	Points Total	
Firm Exp FEMA	3	1 3	3 9	3 9	
Assigned Staff Exp	9	4 36	3 27	3 27	
GEO & Density Staff Exp	6	5 30	4 24	4 24	
Emergency Responst Time	1	5 5	4 4	5 5	
Accepts Payment by P-Card	1	5 5	5 5	5 5	
Total		79	69	70	218
Ranking		2	2	2	
Calvin Giodano	139	3	3	3	
C & T	251	1	1	1	
Milestone	218	2	2	2	
Committee selected 3 firms for Q & A on 1/18 at 1:30 PM					
C & T, Milestone & Calvin Giordano					

Scores

		CC		JD		SJ		TOTAL	Rank
Calvin Giordano & Associates									
Criterion	WTG	Points	Total	Points	Total	Points	Total		
Firm Exp FEMA	3	3	9	2	6	2	6		
Assigned Staff Exp	9	5	45	2	18	2	18		
GEO & Density Staff Exp	6	0	0	2	12	2	12		
Emergency Response Time	1	5	5	4	4	4	4		
Accepts Payment by P-Card	1	0	0	0	0	0	0		
Total			59		40		40	139	
Ranking			3		3		3		
		CC		JD		SJ		TOTAL	Rank
C & T									
Criterion	WTG	Points	Total	Points	Total	Points	Total		
Firm Exp FEMA	3	5	15	3	9	4	12		
Assigned Staff Exp	9	4	36	4	36	4	36		
GEO & Density Staff Exp	6	5	30	4	24	4	24		
Emergency Response Time	1	5	5	4	4	5	5		
Accepts Payment by P-Card	1	5	5	5	5	5	5		
Total			91		78		82	251	
Ranking			1		1		1		
		CC		JD		SJ		TOTAL	Rank
Milestone									
Criterion	WTG	Points	Total	Points	Total	Points	Total		
Firm Exp FEMA	3	1	3	3	9	3	9		
Assigned Staff Exp	9	4	36	3	27	3	27		
GEO & Density Staff Exp	6	5	30	4	24	4	24		
Emergency Responst Time	1	5	5	4	4	5	5		
Accepts Payment by P-Card	1	5	5	5	5	5	5		
Total			79		69		70	218	
Ranking			2		2		2		
Calvin Giodano	139		3		3		3		
C & T	251		1		1		1		
Milestone	218		2		2		2		
Committee selected 3 firms for Q & A on 1/18 at 1:30 PM									
C & T, Milestone & Calvin Giordano									

City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20120018
Evaluation Committee Members / Participants

I, John Duntan, 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 CEI and GEO for SLNDI project during the evaluation process and before contract award.

Initials JD	Applicability of the Florida Sunshine Law
-----------------------	--

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 JD	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 JD	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

JJ

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:

J. J. [Signature]

Printed:

John Denton

Date:

1/9/12

City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20120018
Evaluation Committee Members / Participants

I, Steve Jungjohann, 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 CEI and GEO for SLNDI project during the evaluation process and before contract award.

Initials 	Applicability of the Florida Sunshine Law
--	--

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 <i>sj</i>	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: *Steve Jungjohann*

Printed: Steve Jungjohann

Date: 1/12/12

City of Port St. Lucie, Florida
PARTICIPATION AGREEMENT
Request for Proposal #20120018
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 CEI and GEO for SLNDI project during the evaluation process and before contract award.

Initials <i>CC</i>	Applicability of the Florida Sunshine Law
-----------------------	--

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).

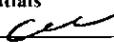
Initials <i>CC</i>	Restricted Communications / Cone of Silence
-----------------------	--

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 <i>CC</i>	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 Cuffy

Date: 1/12/12

Respondent:

C.3T

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: Sub-consultant has extensive experience with FEMA			
B. Assigned Staff Experience	9	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: Sub-consultant did the design for project? Clearly noted Staff dedicated to Project.			
C. Geo & Density Staff Exp	6	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: Good company alot more testing but out lined per location well!			
D. Emergency Response Time	1	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: All Relatively the Same.			
E. Ascents Payment by P-Card	1	0 (5)	0 5
Comments: Overall, the best packaged proposal.			

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: John Dunton Dept.: ENGINEERING
(please print)

Signature: [Signature] Date: 1/10/12

Respondent:

Galvin Giordano 3 Associates

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 1 2 3 4 5	0 1 2 3 4 5
Comments:			
B. Assigned Staff Experience	9	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Not familiar with staff nor do they identify F/T or P/T			
C. Geo & Density Staff Exp	6	0 1 2 3 4 5	0 1 2 3 4 5
Comments: Too generic on the testing per sight			
D. Emergency Response Time	1	0 1 2 3 4 5	0 1 2 3 4 5
Comments: All relatively the same			
E. Access Payment by P-Card	1	0 5	0 5
Comments: Not a lot of effort			

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: John Dunton Dept.: ENGINEERING
(please print)

Signature: [Signature] Date: 1/10/12

Respondent:

Milestone

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 1 2 (3) 4 5	0 1 2 3 4 5
Comments: No FEMA experience in the private sector but some in the Public			
B. Assigned Staff Experience	9	0 1 2 (3) 4 5	0 1 2 3 4 5
Comments: Did not see who would be on the job F/T or P/T effect Grad The size of the company can be a benefit or detrimate			
C. Geo & Density Staff Exp	6	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: Good company, little more specific by sight.			
D. Emergency Response Time	1	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: All relatively the same			
E. Accepts Payment by P-Care	1	0 (5)	0 5
Comments: Small company with less over head could be less expensive assuming the principal will be full time. More specific on density testing			

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: John Duntor Dept.: ENGINEERING
(please print)

Signature: [Signature] Date: 1/9/12

Respondent: Milestone

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 (1) 2 3 4 5	0 1 2 3 4 5
Comments: <u>Milestone - None</u> <u>Dunkelberger - field monitoring and documentation</u>			
B. Assigned Staff Experience	9	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: <u>22 yrs</u>			
C. Geo & Density Staff Exp	6	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments: <u>Sr. Eng = 19</u> <u>Insp. = 7</u>			
D. Emergency Response Time	1	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments:			
E. <u>Accepts Payment by P-Card</u>	1	0 5	0 5
Comments			

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

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

Committee Member: Clyde Cuffy Dept.: Engineering
(please print)

Signature:  Date: 1/9/12

Respondent: C + T

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments: Eng Design, permitting + CEI - 6 yrs grant administration services - 5 yrs Project Cert + close-out - 3 yrs			
B. Assigned Staff Experience	9	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments: 22 +			
C. Geo & Density Staff Exp	6	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments: Sr Eng = 19 Tech/Insp = 7			
D. Emergency Response Time	1	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments:			
E. Accepts Payment by P-Card	1	0 5	0 5
Comments			

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

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

Committee Member: Clyde Cuffy Dept.: Engineering
 (please print)

Signature:  Date: 1/9/12

Respondent: Calvin

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 1 2 (3) 4 5	0 1 2 3 4 5
Comments: <u>Design + Permitting</u> <u>No geotech listed</u>			
B. Assigned Staff Experience	9	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments: <u>35</u>			
C. Geo. & Density Staff Exp	6	(0) 1 2 3 4 5	0 1 2 3 4 5
Comments: <u>no geotech staff listed</u>			
D. Emergency Response Time	1	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments:			
E. Accepts Payment by P-Card	1	0 5	0 5
Comments			

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

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

Committee Member: Clyde Cuffy Dept.: Engineering
(please print)

Signature: [Signature] Date: 1/9/12

Respondent: CIT

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
B. Assigned Staff Experience	9	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
C. Geo & Density Staff Exp	6	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
D. Emergency Response Time	1	0 1 2 3 4 <u>5</u>	0 1 2 3 4 5
Comments:			
E. Accepts Payment by P-Card	1	0 5	0 5
Comments			

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

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

Committee Member: Steve Jungjohan Dept.: Eng
 (please print)

Signature: [Handwritten Signature] Date: 1/12/12

Respondent: *Milestone*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 1 2 (3) 4 5	0 1 2 3 4 5
Comments:			
B. Assigned Staff Experience	9	0 1 2 (3) 4 5	0 1 2 3 4 5
Comments:			
C. Geo & Density Staff Exp	6	0 1 2 3 (4) 5	0 1 2 3 4 5
Comments:			
D. Emergency Response Time	1	0 1 2 3 4 (5)	0 1 2 3 4 5
Comments:			
E. Accepts Payment by P-Card	1	0 5	0 5
Comments			

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

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

Committee Member: Steve Jungjohan Dept.: Eng
(please print)

Signature: *[Handwritten Signature]* Date: 1/12/12

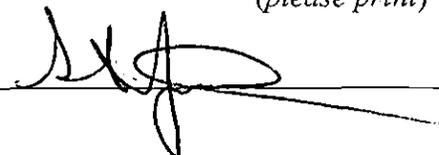
Respondent: *Calvin, Suridano & Assoc.*

A	B	C	D
Criterion	Weight Factor	Maximum Points Independent Review	Maximum Points Review with Panel
A. Firm Experience FEMA	3	0 1 <u>2</u> 3 4 5	0 1 2 3 4 5
Comments:			
B. Assigned Staff Experience	9	0 1 <u>2</u> 3 4 5	0 1 2 3 4 5
Comments:			
C. Geo & Density Staff Exp	6	0 1 <u>2</u> 3 4 5	0 1 2 3 4 5
Comments:			
D. Emergency Response Time	1	0 1 2 3 <u>4</u> 5	0 1 2 3 4 5
Comments:			
E. Accepts Payments by P-Card	1	0 5	0 5
Comments			

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

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

Committee Member: Steve Jungjohann Dept.: Eng
 (please print)

Signature:  Date: 1/12/12

QUESTIONNAIRE
E-Bid #20120018
CEI for St. Lucie North Drainage Improvements

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 3 day of January 2012

CALVIN, GIORDANO & ASSOCIATES, INC. / Dennis Giordano, President

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

CALVIN, GIORDANO & ASSOCIATES, INC.

1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316

Office; (954) 921-7781 (Fax) (954) 921-8807

Contact Person: Rod Myrick, P.E.

Email: rmyrick@calvin-giordano.com

2. What is the firm experience in managing a FEMA Hazard Mitigation Grant Program?

Years	Location	Contract person	Telephone
July 2008-July 2011	Weston, Florida	John Messerian, PE (CGA)	(954) 766-2711
Project: Weston-1609-084-R		Miles Anderson (Florida DEM)	(850) 413-9816
DCA# 09HM-37-11-16-02-054		Martha Uribe (Florida DEM)	

3. What is the firm experience in FEMA reporting i.e. Federal Guidelines, production schedules, quarterly reports and advance payment request?

Years	Location	Contract person	Telephone
July 2008-July 2011	Weston, Florida	John Messerian, PE (CGA)	(954) 766-2711
Project: Weston-1609-084-R		Miles Anderson (Florida DEM)	(850) 413-9816
DCA#09HM-37-11-16-02-054		Martha Uribe (Florida DEM)	

4. What is the firm experience in project certification and closeout for FEMA Hazard Mitigation Grant?

Years	Location	Contract person	Telephone
July 2008-July 2011	Weston, Florida	John Messerian, PE (CGA)	(954) 766-2711
Project: Weston-1609-084-R		Miles Anderson (Florida DEM)	(850) 413-9816
DCA#09HM-37-11-16-02-054		Martha Uribe (Florida DEM)	

In addition just finalized increase in HMGP for City of Hallandale Beach 1608-75-R. Design and permitting is finished. We are in bid phase. John Messerian of CGA has been working with Miles Anderson. DCA#11HM-3B-11-16-02-006

5: Provide staff experience that will be assigned to this project for the following:

Canal dredging

Name	Title	Years Exp
Oswaldo Larrazabal, P.E.	Project Engineer/ Administrator	35
Gary Craig	Sr. Bridge/Rdwy Inspector	32
Sheikh Saad Ahmed	Inspector	2

Embankment Repair

Name	Title	Years Exp
Gary Craig	Sr. Bridge/Rdwy Inspector	32
Sheikh Saad Ahmed	Inspector	2

Removal of exotic & invasive vegetation

Name	Title	Years Exp
Gary Craig	Sr. Bridge/Rdwy Inspector	32
Sheikh Saad Ahmed	Inspector	2

Large culvert replacement inspection

Name	Title	Years Exp
Gary Craig	Sr. Bridge/Rdwy Inspector	32
Sheikh Saad Ahmed	Inspector	2

Compliance with environmental permits & reporting

Name	Title	Years Exp
Oswaldo Larrazabal, P.E.	Project Engineer/ Administrator	35
Gary Craig	Sr. Bridge/Rdwy Inspector	32
Sheikh Saad Ahmed	Inspector	2

Acceptability parameters for spoil disposal

Name	Title	Years Exp
Oswaldo Larrazabal, P.E.	Project Engineer/ Administrator	35
Gary Craig	Sr. Bridge/Rdwy Inspector	32
Sheikh Saad Ahmed	Inspector	2

Meetings, coordination, progress & public

Name	Title	Years Exp
Roderick Myrick, P.E.	Sr. Project Engineer	16
Oswaldo Larrazabal, P.E.	Project Engineer/ Administrator	35

Management of construction schedule

Name	Title	Years Exp
Oswaldo Larrazabal, P.E.	Project Engineer/ Administrator	35

Gary Craig	Sr. Bridge/Rdwy Inspector	32
------------	---------------------------	----

Project reporting & City webpage

Name	Title	Years Exp
Oswaldo Larrazabal, P.E.	Project Engineer/ Administrator	35

CEI ability to issue engineering design modifications

Name	Title	Years Exp
Raymond Pippitt, P.E.	Director Hwy Design/Plans Review	35

6. Provide staff experience that will be assigned to this project in performing geotechnical & density services.

Name	Title	Years Exp
Gary Craig	Sr. Bridge/Rdwy Inspector	32
Sheikh Saad Ahmed	Inspector	2

7. Provide staff experience that will be assigned to this project in sediment composition sampling/analysis.

Name	Title	Years Exp
Gary Craig	Sr. Bridge/Rdwy Inspector	32
Sheikh Saad Ahmed	Inspector	2

(This is a word document add lines as needed)

8. Detail the anticipated geotechnical services for this project.

Test type	Est. number
-----------	-------------

Roadways:

- Embankment
- Stabilized Subgrade
- Base Course
- Curb pads
- Sidewalks

Underground Piping/Utilities:

- Drainage Pipe
- Water and Force Mains/Traffic/Cable/FP&L Conduit (if needed)

Drainage Structures:

The Construction Materials Testing (CMT) services required for the following work elements are:

- Construction of a headwall extension at C-108 Structure 8-01 and various locations along canal bank
This includes concrete, backfill, and density testing.
- Construction of Dry Detention Pond between Alsace Street and C-107 Canal along with new sidewalk
Includes the installation of precast structures and concrete pipe. Existing utility safeguards and density requirements.

- Construction of new concrete piping at Rugby Drive @ C-104, West Torino Parkway @ C-105, and East Torino Parkway @ C-104, Canada Street @ C-106, Volucia Drive @ C-106 & C-107, and associated milling and paving.
This includes precast structures, concrete pipe (24" to 66"), backfill, paving, and density testing.

The project will entail minor miscellaneous paving repairs, sidewalks.

- Soil management
- Field density testing
- Turbidity testing
- Laboratory testing (moisture-density, organic/moisture content, permeability testing, etc.)
- Vibration monitoring
- Concrete testing
- Engineering consulting relative to the various construction elements, and possible vibration issues and potential complaint resolution.
- Asphalt quality control/testing

9. Detail the anticipated density test requirements for this project

Test type	Est. number
-----------	-------------

Roadways:

- Embankment - 1 test per 200 lineal feet, per travel direction, per 12-inch lift
- Stabilized Subgrade - 1 test per 200 lineal feet, per travel direction
- Base Course - 1 test per lift, per 200 lineal feet, per travel direction
- Curb pads - 1 test per 200 lineal feet
- Sidewalks - 1 test per 200 lineal feet, per 12-inch lift of embankment or 1 foot into natural ground

Underground Piping/Utilities:

- Drainage Pipe - 1 test per 200 lineal feet (or per backfill/open cut operation) per lift along side of pipe to top-of-pipe, then every 1 foot of fill atop pipe thereafter.
- Water and Force Mains/Traffic/Cable/FP&L Conduit (if needed) - 1 test per 200 lineal feet of pipe (or per backfill/open cut operation) per lift from top-of-pipe to finished grade.

Drainage Structures:

- One (1) test per lift of backfill, from bottom of structure to top of structure. (Fill placed on all sides of structure is probed with a manual probe rod to confirm uniform compactive effort).

(This is a word document add lines as needed)

10. Where is your firm's main office address located for this project and what is the estimated response time to the project site for resolution of design issues and emergencies?

Location CALVIN, GIORDANO & ASSOCIATES, INC.
2400 SE Veterans Memorial Parkway, Suite 207, Port St. Lucie, Florida 34952
Tel No: 772.489.9494; e-mail: rmyrick@calvin-giordano.com
Key Personnel: Rod Myrick, P.E.

Response time in hours Immediate (less than 1 hour)

11. List past 5 years of litigation history

James A. Cummings, Inc. v. Calvin, Giordano & Associates, Inc., Case No: 06-019973(18) in the 17th Judicial Court, in and for Broward County. This case which was filed in 2006 was related to the Palm Beach County Airport Parking Structure. The case was settled in August 2007.

Witnesses:

If Individual:

Signature

Print Name

If Partnership:

Print Name of Firm

By: _____
(General Partner)

If Corporation:

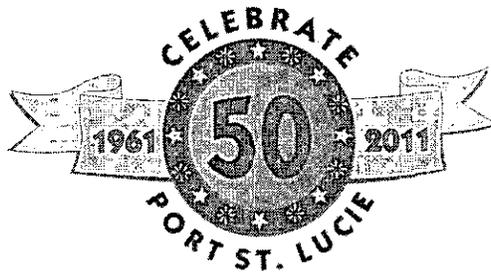
Calvin, Giordano & Associates, Inc.
Print Name of Corporation

By: _____
(President)

Attest: _____
(Secretary)



"A City for All Ages"



CITY OF PORT ST. LUCIE

**Sealed Electronic Proposal #20120018
(E-Bid)**

Construction Engineering Inspections and Geotechnical St. Lucie N Drainage Improvements

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 #20120018
CEI for St. Lucie North Drainage Improvements

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 3 day of January , 2012

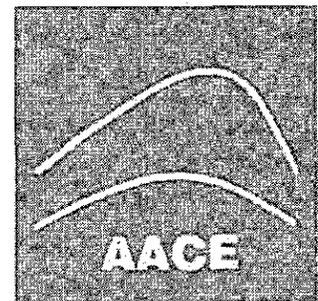
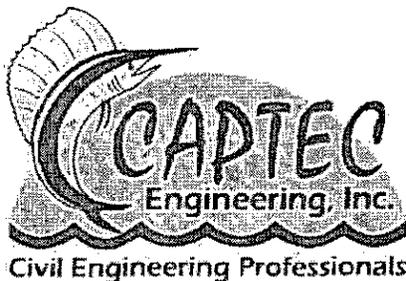
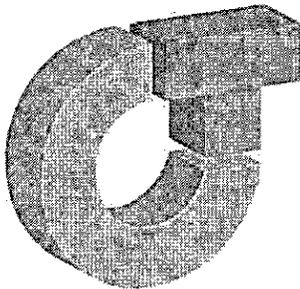
 Culpepper & Terpening, Inc.
Name of Organization / Proposer

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

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

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

The Project team will include: **Culpepper & Terpening (C&T), CAPTEC Engineering, and Andersen Andre Consulting Engineers (AACE)**





2. What is the firm experience in managing a FEMA Hazard Mitigation Grant Program?

Project Team Experience:

Years	Location	Contact Person	Telephone
6 Years	Port St. Lucie, FL	Larry Nadeau	772-871-5104

Project Description:

Provided professional engineering design, permitting and CEI services to support the City's FEMA Hazard Mitigation Grant Program (HMGP) **Project 1545-132-R DROW Culvert Replacement Phase 1** consisting of emergency construction measures to mitigate potential hazards and damages caused by hurricanes for sixteen large culvert replacement projects.

Project Description:

Provided design & permitting services for the CITY's FEMA HMGP **Project 1561-122-R St. Lucie North Drainage Improvements**. Project included drainage improvements in the St. Lucie North drainage basin system (the C-104, C-105, C-106, C-107 and C-108 drainage canals)

Project Description:

Provided design & permitting for the City's FEMA HMGP **Project 1561-117-R Watershed "A" & "B" Drainage Improvements**. This project consisted of drainage retrofits and repairs for Watersheds "A" & "B" in the southwestern part of the City.

In addition, C&T personnel and other members of the project team have pertinent inspection and administration experience in NRCS emergency work related to Hurricanes Frances and Jeanne. This work has included canal dredging, bank stabilization/armoring, canal clearing and culvert replacements.

3. What is the firm experience in FEMA reporting i.e. Federal Guidelines, production schedules, quarterly reports and advance payment request?

Project Team Experience:

Years	Location	Contact Person	Telephone
5 Years	Port St. Lucie, FL	Larry Nadeau	772-871-5104

Project Description:

Provided grant administration services to support the City's stormwater quality retrofit grant projects. These services included FDEP, FEMA HMGP and SLRIT grant funded projects.

In addition, C&T personnel and other members of the project team have inspection and administration experience in NRCS emergency work related to Hurricanes Frances and Jeanne. This work has included canal dredging, bank stabilization/armoring, canal clearing and culvert replacements.



4. What is the firm experience in project certification and closeout for FEMA Hazard Mitigation Grant?

Project Team Experience:

Years	Location	Contact Person	Telephone
3 Years	Port St. Lucie, FL	Larry Nadeau	772-871-5104
Project Description:			
Project certification and close-out services were provided for the City's FEMA HMGP Project 1545-132-R DROW Culvert Replacement Phase 1.			

5. Provide staff experience that will be assigned to this project for the following:

The Project team will include: **Culpepper & Terpening (C&T), CAPTEC Engineering, and Andersen Andre Consulting Engineers (AACE)**

The Project staff will include:

- Marcelo Dimitriou, P.E., CEI Senior Project Engineer (Part Time)
- Steve Marquart, P.E., Project Engineer/FEMA Expert (Part Time)
- Fred Jones, Inspector (Full Time)
- Paul Koch, Geotechnical Technician (Part Time)
- Peter Anderson, P.E./David Andre, P.E., Geotechnical Engineer (Part Time)

Staff Experience:

The allotted part-time Project Engineer position hours will be split between the overall CEI Senior Project Engineer provided by C&T and the support Project Engineer/FEMA expert provided by CAPTEC. This will best serve the needs of the project and provide the City with Project continuity and cost savings.

C&T will provide the lead project management position of CEI Senior Project Engineer. This position will oversee all construction contract administration aspects. Marcelo Dimitriou, P.E. will be assigned part-time as the overall CEI Senior Project Engineer. He has previous experience in CEI management of NRCS/FEMA work related to canal dredging, clearing, armoring, and large culvert installations. He has Advanced Work Zone Traffic Control MOT certification. He has 22 years of CEI experience and will fully support the inspector on all construction issues.

Under C&T, CAPTEC will provide Steve Marquart, P.E. as the Project Engineer/FEMA Expert to provide expertise related to FEMA reporting & requirements, and any design additions or modifications requested by the City.

Daily inspection will be provided by the C&T inspector. Fred Jones, our proposed inspector, has pertinent field experience. He has completed projects with select clearing, stabilization, culvert installations, canal relocations,



articulated block matting and rubble rip-rap. He also holds certifications in CTQP Earthwork 1 & 2, CTQP Asphalt 1 & 2, ACI, CTQP Concrete Specifications, Drill Shaft, Stormwater Management Inspector (NPDES), Intermediate Work Zone MOT, and CTQP Final Estimates.

AACE will provide geotechnical expertise and testing services. AACE will determine acceptability parameters for soil disposal, as well as document density, LBR and asphalt tests. AACE personnel will include Paul Koch as the geotechnical technician and will be supported by Peter Anderson, P.E. as needed.

Staff Availability

Although some of the proposed staff is currently assigned to other City projects, they will be fully available for the work on this project. We are committed to providing the indicated staff for the project duration.

Marcelo Dimitriou, P.E. is expected to be utilized 8 hours per week on this project. He is currently assigned part-time to Lennard Square CEI (expected to end in April 2012) and PSLUSD Water Main Replacements. Marcelo will have ample availability for this project because he will be supported by Steve Marquart, P.E., expected to be utilized 8 hours per week on this project.

Fred Jones is currently completing an assignment and will be available full time for this Project within 3 weeks.

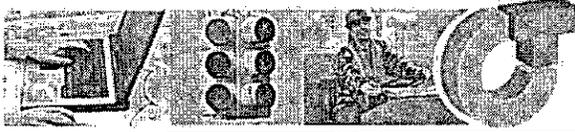
Paul Koch (AACE) is currently full-time on Lennard Square due to pipe installation work. The pipe work will be ending over the next 30 days and he will become available for this project. In addition, David Andre and Peter Andersen are available part-time as needed.

Furthermore, additional support resources are available from C&T, CAPTEC and AACE if needed.

Canal dredging

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	22 Years
Steve Marquart, P.E.	Project Engineer	6 Years
Fred Jones	Inspector	17 Years
Paul Koch	Geotechnical Technician	7 Years
Additional Support if needed:		
David P. Andre, P.E.	Geotechnical Engineer/ Principal	19 Years
Peter G. Andersen, P.E.	Geotechnical Engineer/ Principal	15 Years

Canal dredging experience includes dredging of canals and other waterways. This experience includes work under NRCS and FEMA programs.



Embankment Repair

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	22 Years
Steve Marquart, P.E.	Project Engineer/FEMA Expert	6 Years
Fred Jones	Inspector	17 Years
Paul Koch	Geotechnical Technician	7 Years
Additional Support if needed:		
David P. Andre, P.E.	Geotechnical Engineer/ Principal	19 Years
Peter G. Andersen, P.E.	Geotechnical Engineer/ Principal	15 Years

Embankment repair experience includes soil embankment repairs, articulated block mats and rubble rip rap installations. This experience includes work under NRCS and FEMA programs.

Removal of exotic & invasive vegetation

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	22 Years
Steve Marquart, P.E.	Project Engineer/FEMA Expert	6 Years
Fred Jones	Inspector	17 Years

This experience includes removal of exotic/invasive vegetation for canal clearing projects and natural waterways, including NRCS & FEMA projects in St. Lucie and Martin Counties.

Large culvert replacement inspection

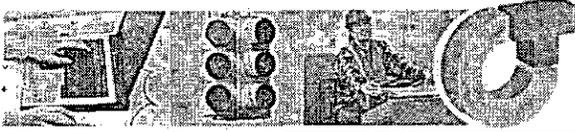
Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	22 Years
Steve Marquart, P.E.	Project Engineer/FEMA Expert	6 Years
Fred Jones	Inspector	17 Years

Large culvert replacement experience includes installation of pipes of up to 120-inch diameter. The above C&T personnel have overseen over 40,000 lf of pipe over the past 4 years and are experienced in flow diversion and bypass pumping.

Compliance with environmental permits & reporting

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	22 Years
Steve Marquart, P.E.	Project Engineer	25 Years
Fred Jones	Inspector	17 Years

The above personnel are experienced in all facets of permit compliance inspection and reporting.



Acceptability parameters for spoil disposal

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	22 Years
David P. Andre, P.E.	Geotechnical Engineer/ Principal	19 Years
Peter G. Andersen, P.E.	Geotechnical Engineer/ Principal	15 Years

The CEI Senior Project Engineer will oversee this aspect. Technical determination will be made by the AACE geotechnical engineers.

Meetings, coordination, progress & public

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI-Senior Project Engineer	22 Years
Steve Marquart, P.E.	Project Engineer/FEMA Expert	25 Years

The proposed personnel have extensive experience on all aspects of construction project meetings, coordination, progress assessment and public interface/meetings.

Management of construction schedule

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	22 Years

The proposed project engineer is experienced in project schedule management, including CPM review, delay reviews, and claims mitigation. As Senior Project Engineer has performed schedule management on complex interfacing contracts each value of over \$250,000,000 dollars.

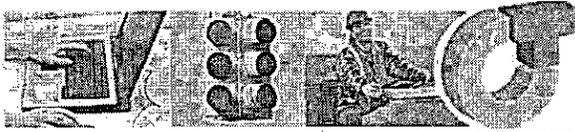
Project reporting & City webpage

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	22 Years & 0 Years for City webpage
Gary L.S. Jones, P.E.	CAPTEC CEI Director	26 Years & 8 Years
Steve Marquart, P.E.	Project Engineer/FEMA Expert	25 Years

The proposed personnel have decades of experience in project reporting. Marcelo Dimitriou does not have previous experience on City webpage reporting, but is willing and able to learn this aspect. Gary Jones has this experience and will provide assistance if needed.

CEI ability to issue engineering design modifications

Name	Title	Years Experience
Marcelo Dimitriou, P.E.	CEI Senior Project Engineer	17 Years
Steve Marquart, P.E.	Project Engineer/FEMA Expert	25 Years



The proposed project engineers have extensive experience issuing field modifications and coordinating design changes on ongoing construction projects. Also, Steve Marquart is extremely familiar with the design and will greatly facilitate any requested design modifications or additions.

6. Provide staff experience that will be assigned to this project in performing geotechnical & density services.

The representatives listed in this table have worked together on the following projects for which Geotechnical Engineering and density testing was required:

- City Wide Culvert Replacement including: Conley Street, Cherry Hill Drive, Glastonberry Drive, Idol Court, Regan Street, Jingle Avenue, Undallo Drive, Dateland Street, Quick Circle, Lacroix Drive and Paley Drive
- Village Parkway
- Community Boulevard
- Discovery Way (East and West)
- Becker Rd. (Segments 1 & 2)
- Rangeline Road Water Main
- EWIP Lennard Square
- Darwin Boulevard
- River Park Ph. IV Water Main
- Westmoreland Blvd.
- Rosser Boulevard

Name	Title	Type Test	Years Exp	Project Location
David Andre, P.E.	Principal Engineer & President	Geotech. Engineering consulting, and review of field and laboratory test results, including field density, Proctors, LBRs, organic content, moisture, turbidity and vibration monitoring	19 Years	See Above
Peter Andersen, P.E.	Principal Engineer & Vice President	Geotech. Engineering consulting, and review of field and laboratory test results, including field density, Proctors, LBRs, organic content, moisture, turbidity and vibration monitoring	15 Years	See Above
Paul Koch	Senior Field Tech.	Density testing, subgrade and embankment inspection, concrete testing, Proctor and LBR sampling, turbidity testing and vibration monitoring	7 Years	See Above

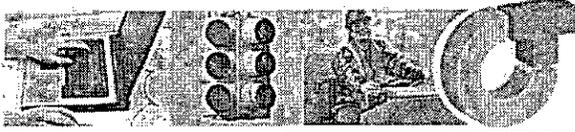


Additional Support if needed:

Ralph Lewis	Senior Field Tech. Laboratory Mgr.	Density testing, subgrade and embankment inspection, concrete testing, Proctor and LBR sampling and laboratory testing, turbidity testing and vibration monitoring	7 Years	See Above
Kevin Smith ⁽¹⁾	Director of Operations and Senior Field Tech.	Density testing, subgrade and embankment inspection, concrete testing, Proctor and LBR sampling and laboratory testing, turbidity testing and vibration monitoring	29 Years	See Above
Brian Smith ⁽¹⁾	Senior Field Tech.	Density testing, subgrade and embankment inspection, concrete testing, Proctor and LBR sampling and laboratory testing, turbidity testing, and vibration monitoring	17 Years	See Above

⁽¹⁾ Note: We anticipate having Kevin Smith and Brian Smith available for field and laboratory consultations, as needed or as requested by the City of Port St. Lucie.

[This portion of the page left blank intentionally]



7. Provide staff experience that will be assigned to this project in sediment composition sampling/analysis.

AACE personnel have consulted with the City of Port St. Lucie as well as other entities regarding sediment analysis (including chemical and physical properties). AACE has evaluated sediment thicknesses as it relates to potential settlements and has consulted on the suitability of sediments with regards to disposal or "soil mixing". This experience is summarized in the table below:

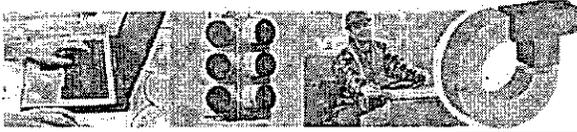
Peter Anderson and David Andre have consulted on the following projects with regards to sediment, dredge and beach renourishment evaluations:

- CAPTEC Riverside Boat Basin Dredging, St. Lucie River, Martin County (physical and chemical composition of river bottom sediments, including testing for heavy metals and other contaminants);
- Terragon Develop. Svcs. Canal dredging consulting and dredge spoil analysis, including recommendations for soil mixing & placement;
- Ferreira Construction Manatee Pocket dredge spoil chemical testing and evaluation for use as fill;

Further, the representatives listed in this table have worked together on the following projects for which sediment testing (field and laboratory) was required:

- Village Parkway agricultural canal and wetland sediment and muck evaluations;
- Discovery Way (West) ditch reclamation evaluation, including sediment thickness explorations;

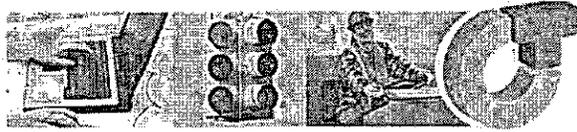
Name	Title	Type Test	Years Exp	Project Location
David Andre, P.E.	Principal Engineer & President	Geotech. Engineering consulting with regards to sediments in ditches/canals to be crossed with roadways, or to be demucked for culvert installations, etc. Engineering services have included evaluating sediments and dredge spoils for suitability for disposal and/or soil mixing.	19 Years	See Above
Peter Andersen, P.E.	Principal Engineer & Vice President	Geotech. Engineering consulting with regards to sediments in ditches/canals to be crossed with roadways, or to be demucked for culvert installations, etc. Engineering services have included evaluating sediments and dredge spoils for suitability for disposal and/or soil mixing.	15 Years	See Above
Paul Koch	Senior Field Tech.	Extensive sediment thickness evaluations for roadways and culvert crossings.	7 Years	See Above



Additional Support if needed:				
Ralph Lewis	Senior Field Tech. Laboratory Mgr.	Extensive sediment thickness evaluations for roadways and culvert crossings, and has performed laboratory characteristic testing including particle size distribution, organic content and moisture content testing.	7 Years	See Above
Kevin Smith ⁽¹⁾	Director of Operations and Senior Field Tech.	Extensive sediment thickness evaluations for roadways and culvert crossings, and has performed laboratory characteristic testing including particle size distribution, organic content and moisture content testing.	29 Years	See Above
Brian Smith ⁽¹⁾	Senior Field Tech.	Extensive sediment thickness evaluations for roadways and culvert crossings, and has performed laboratory characteristic testing including particle size distribution, organic content and moisture content testing.	17 Years	See Above

⁽²⁾ Note: AACE also anticipates having Kevin Smith and Brian Smith available for field and laboratory consultations, as needed or as requested by the City of Port St. Lucie.

[This portion of the page left blank intentionally]



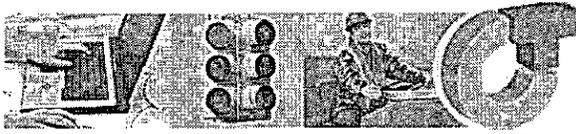
8. Detail the anticipated geotechnical services for this project.

Based on our cursory review of the Construction Plans of St. Lucie North Drainage Basin Improvements prepared by CAPTEC Engineering, Inc. and dated September 1, 2011, we understand that the project essentially consists of the following elements listed below. The geotechnical engineering and testing services required at each of the features are estimated to consist of the following:

Structure/Project Element	Type Test	Estimated Number
C-108 Canal, Structure 8-01	Field Density Testing (compacted subgrade for ACB mats, wing walls and headwall improvements)	12 tests
C-108 Canal, Structure 8-01	Modified Proctor	2 tests
C-108 Canal, Structure 8-01	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-108 Canal, Structure 8-01	Compressive Strength of Concrete (wing walls and head wall extension)	2 sets of specimens
C-108 Canal, Regrading and Clearing	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-108 Canal, Detention Area 1	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-108 Canal, Control Structure 8-02	Field Density Testing (compacted subgrade for ACB mats)	10 tests
C-108 Canal, Control Structure 8-02	Modified Proctor	1 test
C-108 Canal, Control Structure 8-02	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-108 Canal, Detention Area 2	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-108 Canal, Detention Area 3	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-108 Canal, Control Structure 8-06	Minor Field Density Testing (if needed for repair of ACB mats)	6 tests
C-108 Canal, Control Structure 8-06	Modified Proctor	1 test
C-108 Canal, Control Structure 8-06	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-107 Canal, Dry Detention Pond	Field Density Testing (RCP Piping, Inlets, and potentially sidewalk)	50 tests



	subgrade)	
C-107 Canal, Dry Detention Pond	Modified Proctor	3 tests
C-107 Canal, Dry Detention Pond	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-107 Canal, Dry Detention Pond	Compressive Strength of Concrete (sidewalk if necessary)	3 sets of specimens
C-107 Canal, 7-01 Pipe Improvements	Field Density Testing (compacted subgrade for ACB mats and HDPE Pipe)	20 tests
C-107 Canal, 7-01 Pipe Improvements	Modified Proctor	2 tests
C-107 Canal, 7-01 Pipe Improvements	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-104 Canal, Control Structure 4-03	Field Density Testing (HDPE Pipe)	6 tests
C-104 Canal, Control Structure 4-03	Modified Proctor	1 test
C-104 Canal, Control Structure 4-03	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-104 Canal, 4R06B Pipe Improvements	Field Density Testing (compacted subgrade for ACB mats, RCPE and roadway open-cut repairs)	50 tests
C-104 Canal, 4R06B Pipe Improvements	Modified Proctor	3 tests
C-104 Canal, 4R06B Pipe Improvements	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-104 Canal, 4R06B Pipe Improvements	Limerock Bearing Ratio (LBR) (Assume extra thickness of rock replaces stabilization of subgrade)	1 test
C-104 Canal, 4-05 Pipe Improvements	Field Density Testing (five RCP, headwalls and roadway open-cut repairs)	120 tests
C-104 Canal, 4-05 Pipe Improvements	Modified Proctor	3 tests
C-104 Canal, 4-05 Pipe Improvements	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-104 Canal, 4-05 Pipe Improvements	Limerock Bearing Ratio (LBR) (Assume extra thickness of rock replaces stabilization of subgrade)	1 test



C-104 Canal, 4-05 Pipe Improvements	Compressive Strength of Concrete (head walls)	4 sets
C-105 Canal, 5-09 Pipe Improvements	Field Density Testing (three RCP, headwalls and roadway open-cut repairs and inlet)	130 tests
C-105 Canal, 5-09 Pipe Improvements	Modified Proctor	3 tests
C-105 Canal, 5-09 Pipe Improvements	Limerock Bearing Ratio (LBR) (Assume extra thickness of rock replaces stabilization of subgrade)	1 test
C-105 Canal, 5-09 Pipe Improvements	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-105 Canal, 5-09 Pipe Improvements	Compressive Strength of Concrete (head walls)	4 sets
C-106 Canal, 6-13 Pipe Improvements	Field Density Testing (two RCP, headwalls and roadway open-cut repairs)	50 tests
C-106 Canal, 6-13 Pipe Improvements	Modified Proctor	2 tests
C-106 Canal, 6-13 Pipe Improvements	Limerock Bearing Ratio (LBR) (Assume extra thickness of rock replaces stabilization of subgrade)	1 test
C-106 Canal, 6-13 Pipe Improvements	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-106 Canal, 6-13 Pipe Improvements	Compressive Strength of Concrete (head walls)	4 sets
C-106 Canal, 6-09 Pipe Improvements	Field Density Testing (three RCP, headwalls, HDPE and roadway open-cut repairs)	75 tests
C-106 Canal, 6-09 Pipe Improvements	Modified Proctor	3 tests
C-106 Canal, 6-09 Pipe Improvements	Limerock Bearing Ratio (LBR) (Assume extra thickness of rock replaces stabilization of subgrade)	1 test
C-106 Canal, 6-09 Pipe Improvements	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-106 Canal, 6-09 Pipe Improvements	Compressive Strength of Concrete (head walls)	4 sets
C-107 Canal, 7-06 Pipe Improvements	Field Density Testing (three RCP, headwalls, and roadway open-cut repairs)	75 tests
C-107 Canal, 7-06 Pipe	Modified Proctor	4 tests



Improvements		
C-107 Canal, 7-06 Pipe Improvements	Limerock Bearing Ratio (LBR) (Assume extra thickness of rock replaces stabilization of subgrade)	1 test
C-107 Canal, 7-06 Pipe Improvements	Turbidity Measurements	As needed during construction duration and based on barrier locations
C-107 Canal, 7-06 Pipe Improvements	Compressive Strength of Concrete (head walls)	4 sets

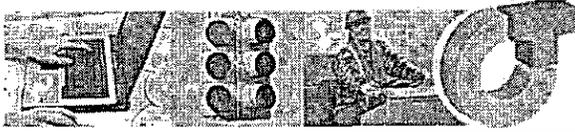
To summarize, we anticipate that the following testing quantities will be required for the project:

- Field Density Testing: **604 tests**
- Modified Proctor Testing: **28 tests**
- LBR Testing: **6 tests**
- Compressive Strength of Concrete Tests: **25 tests**
- Turbidity Readings: **As needed**
- Asphalt Testing: **Per FDOT Specifications or as requested by the City**

AACE will also be available to perform vibration monitoring during earthwork activities to help assist the City in regards to claims of construction-related damages to nearby residences.

AACE notes that several factors related to construction technique and scheduling as well as contractor methodology will affect these quantities (and perhaps present an opportunity for cost savings to the City). These factors include:

- Obtaining the base rock for all road repairs from one source so that LBR tests can be reduced;
- It is likely that redundant soil types will be encountered at several of the project sites, thus reducing the number of Proctor tests;
- AACE anticipates that one or more of the culvert road crossings will be performed while maintaining one lane open for traffic, thus potentially increasing the number of tests. Therefore, we suggest that an hourly billing mechanism be explored for these occasions rather than billing per test;
- Turbidity will be performed as required during construction; should the City choose to perform such testing in-house, the savings associated with this work element will be passed on to the City.



9. Detail the anticipated density test requirements for this project.

As summarized in Question #8 above, our team anticipates that the following testing quantities will be required for the project:

Type Test	Estimated Number
Field Density Testing:	604 Tests
In addition we anticipate performing the following tests	
Modified Proctor Testing:	28 Tests
LBR Testing:	6 Tests
Compressive Strength of Concrete Tests:	25 Tests
Turbidity Readings:	As needed
Asphalt Testing:	Per FDOT Specifications or as requested by the City

10. Where is your firm's main office address located for this project and what is the estimated response time to the project site for resolution of design issues and emergencies?

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

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

11. List past 5 years of litigation history

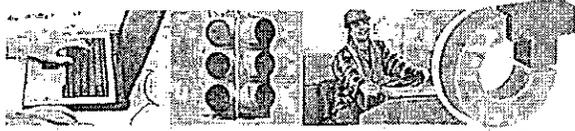
Culpepper & Terpening like most other companies over the past several years has been named in a law suit. We have been named in the following lawsuit:
Culpepper & Terpening, Inc. was brought in as a third party to a law suit between Midway Properties and Midway Partners. The claim was dismissed in 2010.

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

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

13. Does your firm accept payment by Credit Card?

YES



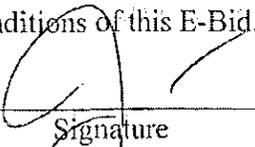
ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued
n/a	

CERTIFICATION:

This E-Bid is submitted by: Name (print) J.P. "Butch" Terpening, P.E. 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.:

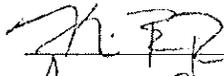


 Signature

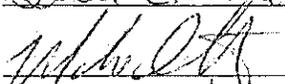
 President
 Title

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:



 Jerri Gorman





If Partnership:

 Print Name of Firm

By: _____
 (General Partner)

If Individual:

 Signature

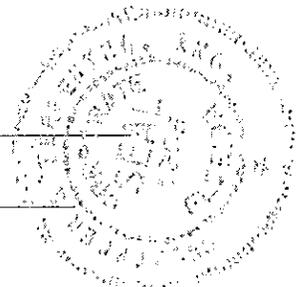
 Print Name

If Corporation:

Culpepper & Terpening, Inc.
 Print Name of Corporation

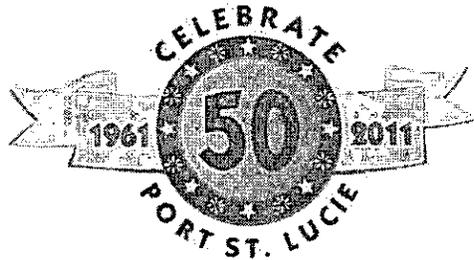
By: _____
 (President)

Attest: _____
 (Secretary)





"A City for All Ages"



CITY OF PORT ST. LUCIE

**Sealed Electronic Proposal #20120018
(E-Bid)**

**Construction Engineering Inspections and Geotechnical St. Lucie N Drainage
Improvements**

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

Project 11-303

January 3, 2012

Sender's Email: btterpening@ct-eng.com

VIA: E Bid

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

RE: Construction Engineering Inspections and Geotechnical Services for the St. Lucie North Drainage Improvements
City of Port Saint Lucie Contract # 20120018

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 Construction Engineering Inspections & Geotechnical Services for the St. Lucie North Drainage Improvements Project.

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

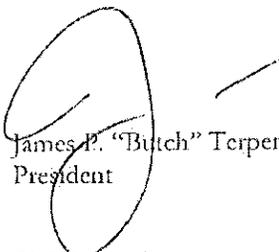
- Understanding of the Project Scope, Schedule and Budget;
- Team experience with FEMA and Federal Guidelines;
- Team experience and certifications on this type of work;
- Familiarity with the City Staff & procedures;
- A thorough understanding of the project based on site inspections and review of the plans;
- Significant past experience on this 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

QUESTIONNAIRE
E-Bid #20120018
CEI for St. Lucie North Drainage Improvements

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 3rd day of January, 2012

Milestone Construction Group, LLC

Name of Organization / Proposer

1. FIRMS OFFICE ADDRESS, TELEPHONE, FAX NUMBER, E-MAIL ADDRESS AND CONTACT PERSON FOR THIS PROJECT

Milestone Construction Group, LLC
1391 NW St. Lucie West Blvd.; Suite 300
Port St. Lucie, Florida 34986
772-359-8673
vhackettmilestone@msn.com

Vernon Tucker Hackett, P.E.
President and Senior Project Manager

2. What is the firm experience in managing a FEMA Hazard Mitigation Grant Program?

Milestone Construction Group, LLC

Milestone Construction Group, LLC was established in October of 2005 and has not contracted on FEMA HMGP projects to date. However, the president and Senior Project Manager was the Assistant Resident Engineer and Resident Engineer for the FDOT at the local Fort Pierce office from January, 1991 through July, 2001 (10.5 years). During this time, Mr. Hackett was responsible for administering and certifying all FEMA HMGP projects in St. Lucie, Indian River, and Martin Counties. Mr. Hackett was responsible for all Contractor and Engineering Work, processing payments, production schedules, and quarterly reports.

Dunkelberger Engineering and Testing, Inc.

Years	Location	Contract person	Telephone
March, 2009 through September, 2009	Verada Ditch Restoration St. Lucie County	Mike Powley, P.E. County Engineer St. Lucie County	(772) 462-1707
October, 2005 through May, 2006	Hurricane Wilma Debris Collection and Disposal St. Lucie County	Mike Powley, P.E. County Engineer St. Lucie County	(772) 462-1707
October, 2004 through April, 2005	Reconstruction of 14.5 miles of Indian River Drive (SR 707) following Hurricanes Francis and Jean St. Lucie County	Asem Al-Terk, P.E. Operations Engineer FDOT, Fort Pierce	(772) 465-7396

Reconstruction of 14-1/2 Miles of Indian River Drive (State Road 707) following Hurricanes Francis and Jeanne, St. Lucie County, Florida

The project involved emergency design and reconstruction/articulated mat armoring of about 14½ miles of roadway embankment along Indian River Drive in St. Lucie County. The existing embankment and portions of Indian River Drive were severely damaged by Hurricanes Francis and Jeanne. The FDOT undertook an emergency design to rebuild the embankment and armor it using articulated concrete mats for protection against future storms. The project had to be built within 150 days to ensure 100% reimbursement from the Federal Highway Administration (FHWA). The work was performed by three separate contractors and was done mostly on private property as the County only owns a very narrow right-of-way along the roadway. Dunkelberger provided construction inspection and testing, served as a liaison with property owners and assisted the County with project management, including FHWA/FDOT reimbursement, as well as legal proceedings.

Hurricane Wilma Debris Collection and Disposal, St. Lucie County, Florida

The project involved the collection, reduction and disposal of Hurricane Wilma debris from both unincorporated St. Lucie County and parts of Port St. Lucie. Approximately 100,000 cubic yards of debris was collected, transported to one of three Temporary Debris Reduction Sites (TDRS) where it was reduced to mulch, and then ultimately transported to final disposal sites. A unique aspect of the project was handling debris within USDA established Citrus Quarantine Zones. Special decontamination processes had to be followed for the equipment and a special TDRS had to be built. Dunkelberger provided all of the required field monitoring and documentation required to meet Federal Emergency Management Agency (FEMA) reimbursement guidelines, tracked and resolved contractor complaints/issues, and reviewed and processed the contractor's pay applications.

Verada Ditch Restoration, St. Lucie County, Florida

The Verada Ditch improvement projects involved reshaping (restoring) and armoring (using granite riprap and articulating concrete mats) about two miles of the Verada Ditch, plus replacing drainage piping and headwalls at the ditch's intersection with S.E. Lucero Drive and Calmoso Drive in St. Lucie County, Florida. The ditch improvements were required as a result of damage caused by Tropical Storm Fay. Due to cost constraints, the repairs were made along approximately 20 separate reaches of the ditch that were identified by the designer as being the most critical. The work had to be completed under a compressed schedule to meet Natural Resources Conservation Service (NRCS) reimbursement criteria. As a result, two separate Contractors, working extended hours (i.e., 6 days per week and 10 to 12 hours/day), were needed to complete the job on-time. Dunkelberger's role in the project included providing full-time field inspection and construction materials testing as part of the County's overall quality assurance/quality control (QA/QC) program for the project. As a partner, Dunkelberger provided its overtime work at a reduced overtime multiplier (i.e. lower than allowed by County contract).

3. What is the firm experience in FEMA reporting i.e. Federal Guidelines, production schedules, quarterly reports and advance payment request?

Milestone Construction Group, LLC

Milestone Construction Group, LLC was established in October of 2005 and has not contracted on FEMA HMGP projects to date. However, the president and Senior Project Manager was the Assistant Resident Engineer and Resident Engineer for the FDOT at the local Fort Pierce office from January, 1991 through July, 2001 (10.5 years). During this time; Mr. Hackett was responsible for administering and certifying all FEMA HMGP projects in St. Lucie, Indian River, and Martin Counties. Mr. Hackett was responsible for all Contractor and Engineering Work, processing payments, production schedules, and quarterly reports.

Dunkelberger Engineering and Testing, Inc.

Years	Location	Contract person	Telephone
March, 2009 through September, 2009	Verada Ditch Restoration St. Lucie County	Mike Powley, P.E. County Engineer St. Lucie County	(772) 462-1707
October, 2005 through May, 2006	Hurricane Wilma Debris Collection and Disposal St. Lucie County	Mike Powley, P.E. County Engineer St. Lucie County	(772) 462-1707
October, 2004 through April, 2005	Reconstruction of 14.5 miles of Indian River Drive (SR 707) following Hurricanes Francis and Jean St. Lucie County	Asem Al-Terk, P.E. Operations Engineer FDOT, Fort Pierce	(772) 465-7396

Reconstruction of 14-1/2 Miles of Indian River Drive (State Road 707) following Hurricanes Francis and Jeanne, St. Lucie County, Florida

The project involved emergency design and reconstruction/articulated mat armoring of about 14½ miles of roadway embankment along Indian River Drive in St. Lucie County. The existing embankment and portions of Indian River Drive were severely damaged by Hurricanes Francis and Jeanne. The FDOT undertook an emergency design to rebuild the embankment and armor it using articulated concrete mats for protection against future storms. The project had to be built within 150 days to ensure 100% reimbursement from the Federal Highway Administration (FHWA). The work was performed by three separate contractors and was done mostly on private property as the County only owns a very narrow right-of-way along the roadway. Dunkelberger provided construction inspection and testing, served as a liaison with property owners and assisted the County with project management, including FHWA/FDOT reimbursement, as well as legal proceedings.

Hurricane Wilma Debris Collection and Disposal, St. Lucie County, Florida

The project involved the collection, reduction and disposal of Hurricane Wilma debris from both unincorporated St. Lucie County and parts of Port St. Lucie. Approximately 100,000 cubic yards of debris was collected, transported to one of three Temporary Debris Reduction Sites (TDRS) where it was reduced to mulch, and then ultimately transported to final disposal sites. A unique aspect of the project was handling debris within USDA established Citrus Quarantine Zones. Special decontamination processes had to be followed for the equipment and a special TDRS had to be built. Dunkelberger provided all of the required field monitoring and documentation required to meet Federal Emergency Management Agency (FEMA) reimbursement guidelines, tracked and resolved contractor complaints/issues, and reviewed and processed the contractor's pay applications.

Verada Ditch Restoration, St. Lucie County, Florida

The Verada Ditch improvement projects involved reshaping (restoring) and armoring (using granite riprap and articulating concrete mats) about two miles of the Verada Ditch, plus replacing drainage piping and headwalls at the ditch's intersection with S.E. Lucero Drive and Calmoso Drive in St. Lucie County, Florida. The ditch improvements were required as a result of damage caused by Tropical Storm Fay. Due to cost constraints, the repairs were made along approximately 20 separate reaches of the ditch that were identified by the designer as being the most critical. The work had to be completed under a compressed schedule to meet Natural Resources Conservation Service (NRCS) reimbursement criteria. As a result, two separate Contractors, working extended hours (i.e., 6 days per week and 10 to 12 hours/day), were needed to complete the job on-time. Dunkelberger's role in the project included providing full-time field inspection and construction materials testing as part of the County's overall quality assurance/quality control (QA/QC) program for the project. As a partner, Dunkelberger provided its overtime work at a reduced overtime multiplier (i.e. lower than allowed by County contract).

4. What is the firm experience in project certification and closeout for FEMA Hazard Mitigation Grant?

Milestone Construction Group, LLC

Milestone Construction Group, LLC was established in October of 2005 and has not contracted on FEMA HMGP projects to date. However, the president and Senior Project Manager was the Assistant Resident Engineer and Resident Engineer for the FDOT at the local Fort Pierce office from January, 1991 through July, 2001 (10.5 years). During this time, Mr. Hackett was responsible for administering and certifying all FEMA HMGP projects in St. Lucie, Indian River; and Martin Counties. Mr. Hackett was responsible for all Contractor and Engineering Work, processing payments, production schedules, and quarterly reports.

Dunkelberger Engineering and Testing, Inc.

Years	Location	Contract person	Telephone
March, 2009 through September, 2009	Verada Ditch Restoration St. Lucie County	Mike Powley, P.E. County Engineer St. Lucie County	(772) 462-1707
October, 2005 through May, 2006	Hurricane Wilma Debris Collection and Disposal St. Lucie County	Mike Powley, P.E. County Engineer St. Lucie County	(772) 462-1707
October, 2004 through April, 2005	Reconstruction of 14.5 miles of Indian River Drive (SR 707) following Hurricanes Francis and Jean St. Lucie County	Asem Al-Terk, P.E. Operations Engineer FDOT, Fort Pierce	(772) 465-7396

Reconstruction of 14-1/2 Miles of Indian River Drive (State Road 707) following Hurricanes Francis and Jeanne, St. Lucie County, Florida

The project involved emergency design and reconstruction/articulated mat armoring of about 14½ miles of roadway embankment along Indian River Drive in St. Lucie County. The existing embankment and portions of Indian River Drive were severely damaged by Hurricanes Francis and Jeanne. The FDOT undertook an emergency design to rebuild the embankment and armor it using articulated concrete mats for protection against future storms. The project had to be built within 150 days to ensure 100% reimbursement from the Federal Highway Administration (FHWA). The work was performed by three separate contractors and was done mostly on private property as the County only owns a very narrow right-of-way along the roadway. Dunkelberger provided construction inspection and testing, served as a liaison with property owners and assisted the County with project management, including FHWA/FDOT reimbursement, as well as legal proceedings.

Hurricane Wilma Debris Collection and Disposal, St. Lucie County, Florida

The project involved the collection, reduction and disposal of Hurricane Wilma debris from both unincorporated St. Lucie County and parts of Port St. Lucie. Approximately 100,000 cubic yards of debris was collected, transported to one of three Temporary Debris Reduction Sites (TDRS) where it was reduced to mulch, and then ultimately transported to final disposal sites. A unique aspect of the project was handling debris within USDA established Citrus Quarantine Zones. Special decontamination processes had to be followed for the equipment and a special TDRS had to be built. Dunkelberger provided all of the required field monitoring and documentation required to meet Federal Emergency Management Agency (FEMA) reimbursement guidelines, tracked and resolved contractor complaints/issues, and reviewed and processed the contractor's pay applications.

Verada Ditch Restoration, St. Lucie County, Florida

The Verada Ditch improvement projects involved reshaping (restoring) and armoring (using granite riprap and articulating concrete mats) about two miles of the Verada Ditch, plus replacing drainage piping and headwalls at the ditch's intersection with S.E. Lucero Drive and Calmoso Drive in St. Lucie County, Florida. The ditch improvements were required as a result of damage caused by Tropical Storm Fay. Due to cost constraints, the repairs were made along approximately 20 separate reaches of the ditch that were identified by the designer as being the most critical. The work had to be completed under a compressed schedule to meet Natural Resources Conservation Service (NRCS) reimbursement criteria. As a result, two separate Contractors, working extended hours (i.e., 6 days per week and 10 to 12 hours/day), were needed to complete the job on-time. Dunkelberger's role in the project included providing full-time field inspection and construction materials testing as part of the County's overall quality assurance/quality control (QA/QC) program for the project. As a partner, Dunkelberger provided its overtime work at a reduced overtime multiplier (i.e. lower than allowed by County contract).

5. Provide Staff experience that will be assigned to this project for the following:**CANAL DREDGING**

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22
Craig Dunkelberger, P.E.	Sr. Engineer	19
Andrew Petric	Environmental Scientist	11
Kimberly Roberts	Inspector	7
Chad Williams	Sr. Engineering Technician	8

EMBANKMENT REPAIR

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22
Craig Dunkelberger, P.E.	Sr. Engineer	19
Kimberly Roberts	Inspector	7
Chad Williams	Sr. Engineering Technician	8

REMOVAL OF EXOTIC AND INVASIVE VEGETATION

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22
Craig Dunkelberger, P.E.	Sr. Engineer	19
Kimberly Roberts	Inspector	7

LARGE CULVERT REPLACEMENT INSPECTION

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22
Craig Dunkelberger, P.E.	Sr. Engineer	19
Kimberly Roberts	Inspector	7
Chad Williams	Sr. Engineering Technician	8

COMPLIANCE WITH ENVIRONMENTAL PERMITS & REPORTING

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22
Craig Dunkelberger, P.E.	Sr. Engineer	19
Andrew Petric	Environmental Scientist	11
Kimberly Roberts	Inspector	7

ACCEPTABILITY PARAMETERS FOR SPOIL DISPOSAL

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22
Craig Dunkelberger, P.E.	Sr. Engineer	19
Andrew Petric	Environmental Scientist	11
Kimberly Roberts	Inspector	7
Chad Williams	Sr. Engineering Technician	8

MEETINGS, COORDINATION, PROGRESS & PUBLIC

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22
Kimberly Roberts	Inspector	7

MANAGEMENT OF CONSTRUCTION SCHEDULE

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22

PROJECT REPORTING & CITY WEBPAGE

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22

CEI ABILITY TO ISSUE ENGINEERING DESIGN MODIFICATIONS

Name	Title	Years Exp
Vernon Hackett, P.E.	Sr. Project Manager/Engineer	22
Craig Dunkelberger, P.E.	Sr. Engineer	19

6. Provide Staff experience that will be assigned to this project in performing geotechnical & density services.

Name	Title	Type test	Years Exp	Project location
Craig Dunkelberger, P.E.	Sr. Engineer		19	See Attached Resumes
Kimberly Roberts	Inspector		7	See Attached Resumes
Chad Williams	Sr. Engineering Technician		8	See Attached Resumes

7. Provide Staff experience that will be assigned to this project in sediment composition sampling/analysis.

Name	Title	Type test	Years Exp	Project location
Craig Dunkelberger, P.E.	Sr. Engineer	Soil classification & environmental (contaminant) quality	19	See Attached Resume
Andrew Petric	Environmental Scientist	Soil classification & environmental (contaminant) quality	11	See Attached Resume
Kimberly Roberts	Inspector	Soil classification & environmental (contaminant) quality	7	See Attached Resume

8. Detail the anticipated geotechnical services for this project.

Test type	Est. number
Laboratory Proctor Tests (Standard and Modified Methods)	Estimate 20 tests
Soil Classification Tests (i.e., sieve analysis, organic content & Atterberg [plasticity] limits)	Estimate 20 tests
Limerock Bearing Ratio (LBR) Tests	Estimate 10 tests
Vibration Monitoring	As dictated by contractor's means and methods and structure proximity. Dunkelberger maintains in-house seismograph equipment that can be mobilized on short notice.
Turbidity Monitoring	In accordance with project permit requirements, and as dictated by Contractor's means and methods, and rainfall events.
Asphalt Plant Inspection and Testing	Estimate no more than about 5 days of plant work.
Sampling of fresh concrete and testing for slump, temperature, air content, and molding of specimen for compressive strength testing	Estimate 20 sets of concrete cylinders (5 per set)
Laboratory testing of hardened concrete cylinders	Estimate 60 tests (test 4 cylinders from each set with 5 th cylinder maintained as a hold specimen in the event a 28-day break falls below the specified design strength)
Inspection – verify suitability (quality) of fill; slope face subgrade with respect to ACM specifications (grade, smoothness, etc.); filter fabric installation; required dewatering groundwater levels; sidewalk cross-slopes; confirm “demucking” of canal bottoms; pipe fit-up and structural inspections; vegetation types, spacing, size, pinning requirements, and quality; and other such inspections as required to confirm that the project is constructed in accordance with the permitted plans and specifications.	One inspector full-time
Geotechnical consultation – developing solutions to earthwork problems, vibration issues, concrete construction problems, and articulating mat installation issues	Estimate 40 hours

These quantities are provided as estimates based on the provided RFP information. A detailed, specific breakdown can be furnished once the project plans and specifications become available.

9. Detail the anticipated density test requirements for this project.

Test type	Est. number
<p>In-place density tests using the nuclear method (ASTM D 6938). These tests will be conducted to verify the compaction of headwall footing subgrade, sidewalk subgrade, headwall backfill, drainage structure foundation and backfill, ACM [slope] subgrade and anchor trench fill, pipe trench bedding and backfill, and roadway embankment, subgrade and base course pursuant to the project specifications.</p>	<p>Estimate 200 to 400 tests</p>
<p>Calibrated Hand-cone Penetrometer</p>	<p>Numerous – note, this work is performed using a hand-pushed cone penetrometer mounted with a calibrated dial gauge reading in tons per square foot. As this testing is very soil specific, our tests are first performed by correlating the cone penetrometer readings with in-place nuclear density gauge measurements. This is not an acceptance test, but is used as an indicator of the relative compaction of a soil. Acceptance testing is always based on an ASTM testing standard such as ASTM D 6938.</p>

These quantities are provided as estimates based on the provided RFP information. A detailed, specific breakdown can be furnished once the plans and specifications become available.

10. Where is your firm's main office address located for this project and what is the estimated response time to the project site for resolution of design issues and emergencies?

Location Port St. Lucie Response time in hours 0.25 Hours (15 Minutes)

The Milestone team has two staff offices for this project; both in Port St. Lucie. The first office is in Tradition and the second office is on Commodity Cove in St. Lucie West. All the staff for this project live in Port St. Lucie and can quickly respond to the project site. Milestone historically arrives to the project site within **fifteen (15) minutes** of being contacted in any emergency situation or design issue. Mr. Hackett is the Emergency Contact and maintains his availability 24 hours a day. Milestone Construction Group also historically provides alternatives to the owners to quickly correct design issues on any project.

Additionally, just as important as a quick response time to the project site during an emergency situation, Milestone personnel keep their project communications list with them at all times to be able to resolve any emergency in as quick a manner as possible by being able to contact appropriate Contractor, City, or emergency personnel.

11. List past 5 years of litigation history.

Milestone Construction Group was named in a lawsuit associated with an accident on Westmoreland Blvd. in 2010. The case was resolved in mediation and the plaintiff provided Milestone with a voluntary dismissal notice on February 9, 2011. Milestone's association with the project was as a part time Project Engineer to certify the materials and construction techniques utilized for the project. Milestone had no inspection in their scope of services with the City of Port St. Lucie for this project.

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

16" Water Main Relocation at the NE Quadrant of US-1 and PSL Blvd.
Contract No. 20112419
Awarded on 3/08/11
Amount: \$22,640.00

13. Does your firm accept payment by Credit Card?

Yes

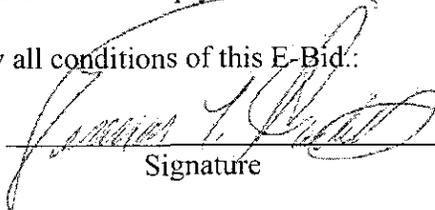
ADDENDUM ACKNOWLEDGMENT - Proposer acknowledges that the following addenda have been received and are included in his/her proposal:

Addendum Number	Date Issued

CERTIFICATION:

This E-Bid is submitted by: Name (print) Vernon Tucker Hackett 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

 President

 Title

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

Witnesses:

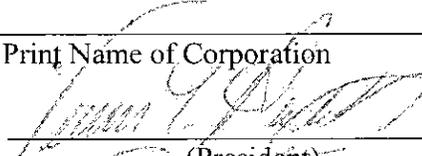
If Partnership:

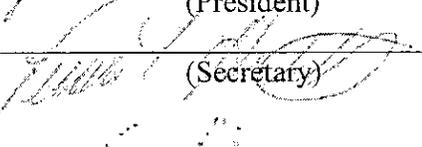
 Print Name of Firm

By: _____
 (General Partner)

If Corporation:

 Print Name of Corporation

By: 
 (President)

Attest: 
 (Secretary)

If Individual:

 Signature

 Print Name





**Professional
Registration:**

Professional Engineer –
Florida, 1993 (License No. PE
48842)

Education:

B.S. in Civil Engineering -
Construction Option, North
Carolina State University,
1990

Years Experience:

Current Firm: 6
Total: 22

PROFESSIONAL EXPERIENCE

Resident Construction Engineer Florida Department of Transportation	1991 to 2001
Senior Project Manager Dickerson Florida, Inc.	2001 to 2002
Sr. Construction Manager Culpepper & Terpening, Inc.	2002 to 2005
President/Sr. Project Engineer/Manager Milestone Construction Group, LLC	2005 to present

Vernon Hackett has over 22 years of experience in heavy Civil Engineering Construction and Project Management. Vernon has a B.S. in Civil Engineering from North Carolina State University with a major in construction engineering and management. He is a licensed as a professional engineer in the state of Florida. He has successfully completed numerous projects including two (2) high level bridges, multiple low level bridges, major roadways and highways and site development. His management experience includes pre-design feasibility studies, environmental studies, engineering budget estimating, marketing, preconstruction, design/build, scheduling, heavy facility maintenance, estimating, value engineering, and operations management.

Vernon's career path began in Florida with the FDOT where he spent over ten (10) years; functioning as assistant Maintenance Engineer, Assistant Resident Construction Engineer and Resident Construction Engineer. His experience was hands on with all major roadway and bridge projects during his tenure. Additionally, his duties included the administering of numerous FEMA Hazard Mitigation Grant Program projects; which included documentation, early payments, scheduling, and closing out of these Federal projects. Following his time with the FDOT, Vernon worked two (2) years with Dickerson Florida managing all projects involving difficult M.O.T. plans, maintaining large traffic volumes, and intricate scheduling to meet incentive bonuses and completion dates. He then took a construction manager position with Culpepper and Terpening for a period of three (3) years where he managed C&T's major roadway projects and major land development projects involving complete infrastructure construction.



Vernon formed **Milestone Construction Group, LLC** to construct and manage the Tesoro East project for Ginn Development and the Becker Road Interchange for Culpepper & Terpening, the City of Port St. Lucie and the Florida Turnpike Enterprise. Milestone has provided CEI services to owners and municipalities as well as assistance to Contractors bidding, scheduling and managing their work in the South Florida Region. The company's expertise is working on major roadways and bridges, infrastructure (water and sewer), MOT, proper documentation to minimize liabilities, scheduling and working through delays to get projects completed within original contract time frames. Additionally, Mr. Hackett is skilled in developing budgets, schedules, reviewing bids, dealing with owners and clients, managing budgets, correcting plan inadequacies, directing multiple contractors, completing and certifying projects in strict accordance with plans and contract documents.

PROJECT EXPERIENCE

Subdivision Cascades RV Resort – Project management and coordination with the design, finance and construction of an ongoing RV resort in Williston, Florida

Tesoro – Project management and Project Engineer a large single-family subdivision infrastructure in Port St. Lucie, Fl.

Portofino Shores – Project management and Project Engineer a large single and multi-family subdivision in Fort Pierce, Fl

Portofino Isles – Project management and Project Engineer a large single and multi-family subdivision in Port St. Lucie, Fl

Roadway US-1 – Resident Engineer for reconstruction of five (5) mile stretch of US-1 to six lane divided highway in Port St. Lucie, Fl.

25th Street – Resident Engineer for reconstruction of 25th street in Fort Pierce, Fl

SR-714 – Project management the reconstruction of SR-714 from SR-76 to Florida's Turnpike in Palm City, Fl

US-1 – Contractor management and Project Engineer for reconstruction of US-1 in Stuart, Fl

Port St. Lucie Blvd. – Contractor management and Project Engineer for reconstruction of 1.5 miles of Port St. Lucie Blvd. from four lane to six lane divided highway in Port St. Lucie, Fl

Old Dixie Highway – Contractor management and Project Engineer for reconstruction of Old Dixie Highway in Stuart, FL

Lennard Road South – Contractor management and Project Engineer for reconstruction of Lennard Road (south end) in Port St. Lucie, Fl

Indian Street – Contractor management and Project Engineer for reconstruction of Indian Street in Stuart, Fl

Westmoreland Blvd. – Project management and Project Engineer for reconstruction of Westmoreland Blvd. in Port St. Lucie, Fl

Crosstown Parkway – Segment 2 – Project management and Project Engineer for the construction of the Crosstown Parkway from Bayshore Blvd. to Manth Lane in Port St. Lucie, Fl



Crosstown Parkway – Segment 4 – Project management and Project Engineer for the construction of the Crosstown Parkway from I-95 to Cashmere Blvd. in Port St. Lucie, FL

Becker Road - Segment 3 - Project management, inspection, and Project Engineer for the construction of Becker Road from The Becker Road/Turnpike Interchange to Athena Road.

Discovery Way - East and West - Project management, inspection, and Project Engineer for the construction of Discovery Way between Community Blvd. and VGTI in Port St. Lucie.

Bridge **Roosevelt Bridge** – Assistant Resident Engineer and project manager for the construction of the Roosevelt high rise bridge in Stuart, FL

Evans Crary Bridge – Resident Engineer and Project management the construction of the Evans Crary high rise bridge in Stuart, FL

SR-714 – Project management the reconstruction of the SR 714 bridge over the Florida Turnpike

US-1 – Contractor management and Project Engineer for reconstruction of bridge over the FEC Railroad in Hobe Sound, FL

25th Street – Resident Engineer for the construction of multilane low level bridge in Fort Pierce, FL

Thomas B. Manuel Bridge – Contractor management for the reconstruction of the Thomas B. Manuel Bridge on Florida's Turnpike in Martin County, FL

Roosevelt Bridge Rehab – Resident Engineer for the modification and replacement of mechanical equipment for the Roosevelt movable span bridge and replacement of bridge tender house in Stuart, FL

South Bridge Rehab – Project management for the modification and replacement of mechanical equipment for the South movable span bridge in Fort Pierce, FL

Becker Road/Turnpike Interchange – Contract management and Project Engineer for the City of Port St. Lucie, Culpepper & Terpening and the Florida Turnpike Enterprise in Port St. Lucie, FL

Stabilization **SR-76** – Project management the stabilization slopes on two (2) mile section of St. Lucie River in Stuart, FL

SR-60 – Project management the stabilization of slopes along SR-60 in Indian River County, FL

Commercial **The Promenade** – Project management and Project Engineer for construction of restaurant, retail and multi-family facility in Port St. Lucie, FL

St. Andrews Townhomes Sales Center – Project design and management for construction of the St. Andrews Townhomes Sales Center in Port St. Lucie, FL

Schools **Westgate K-8** – Project Engineer for construction of the school infrastructure that included water, sewer, drainage, parking site preparation in Port St. Lucie, FL



**Professional
Registration:**

Professional Engineer –
Florida, 1995 (License No. PE
49932)

Professional Affiliations:

- Geotechnical & Materials
Engineers Council,
Treasurer
- Florida Engineering Society
(FES), Treasure Coast
Chapter – Past President
- FES – State Awards
Committee Member
- Florida Institute of
Consulting Engineers
(FICE) – Transportation
Committee Member
- National Society of
Professional Engineers –
Member
- St. Lucie County
Contractors Examining
Board – Secretary
- St. Lucie County
Construction Board of
Adjustment and Appeals –
Secretary
- Tau Beta Pi
- American Society of Civil
Engineers (ASCE) –
technical reviewer of a
geotechnical engineering
manuscript (2011)

EDUCATION

B.S. in Civil Engineering with High Honors, University of Florida, 1991
Master of Engineering (geotechnical emphasis), University of Florida, 1992

YEARS EXPERIENCE

Current Firm: 16
Total: 19

PROFESSIONAL EXPERIENCE

Principal Engineer/Vice President 1995 to present
Dunkelberger Engineering & Testing, Inc.

Mr. Dunkelberger is a principal and owner of Dunkelberger Engineering & Testing, Inc., a 50+ person geotechnical engineering consulting firm with offices in Ft. Lauderdale, Port St. Lucie, Sarasota, and West Palm Beach, Florida. Mr. Dunkelberger has been in responsible charge of their Port St. Lucie (Treasure Coast) operations since joining the company in 1995. Under his guidance, Dunkelberger's Treasure Coast operations grew from a 3-person office up to a 30 person office in 2006 with a present staffing of 11. Mr. Dunkelberger was responsible for developing and implementing the company's initial Laboratory Quality Systems processes, which are now used company-wide, and the corresponding laboratory accreditations. Dunkelberger's Treasure Coast operations include a state-of-the-practice, specialty materials testing laboratory that is qualified by the Florida Department of Transportation [FDOT] and the U.S. Army Corp of Engineers and that supports Dunkelberger's companywide projects.

On a day-to-day basis, Mr. Dunkelberger is responsible for managing, planning, implementing, evaluating, and overseeing studies related to geotechnical engineering, construction materials testing, construction inspection, and environmental assessments. Mr. Dunkelberger is a court-qualified geotechnical engineering expert having been involved with literally thousands of projects, a sampling of which is provided below.

- Sr. Engineer/Project Manager – Construction inspection and management, materials testing, and geotechnical consulting for the \$35 million dollar reconstruction and armoring of 14½ miles of Indian River Drive following Hurricanes Francis and Jeanne (work completed under three separate contracts by three contractors working simultaneously along three separate stretches), St. Lucie County, Florida.
- Sr. Engineer/Project Manager – Construction inspection and management, and materials testing for the reconstruction and armoring of approximately 2 miles of the Verada Ditch including piping and headwall reconstruction. Work was completed pursuant to NRCS schedule and funding criteria, St. Lucie County/Port St. Lucie, Florida.
- Sr. Engineer/Project Manager – Construction inspection and management of the collection, reduction, and disposal of Hurricane Wilma debris from both unincorporated St. Lucie County and parts of Port St. Lucie. Work was completed pursuant to FEMA reporting, scheduling and funding criteria, St. Lucie County/Port St. Lucie, Florida.

-
- Sr. Engineer/Project Manager – Geotechnical investigations, analyses and reporting for roadway and bridge foundation design/construction pursuant to FDOT guidelines/specifications for numerous projects throughout South Florida.
 - Sr. Engineer/Project Manager – Geotechnical study, construction inspection, and construction materials testing in support of the design and construction of multiple Florida Inland Navigation District Dredged Material Management Areas (i.e., earthen impoundments for storage of dredged material) located along Florida's East and West Coasts; represents a 16+ year client relationship.
 - Principal-in-Charge – Geotechnical consultation/trouble-shooting; pile foundation inspection/load testing, materials testing, and structural inspection for the 300 MW, natural gas fired Treasure Coast Energy Center power plant, St. Lucie County, Florida.
 - Sr. Engineer/Principal-in-Charge – Geotechnical studies, construction materials testing & inspection, forensic studies, environmental assessments, and building inspection services for Governmental Continuing Services Contracts (design & construction of buildings and infrastructure) with St. Lucie County, City of Port St. Lucie, City of Ft. Pierce, Martin County, Indian River County, St. Lucie County School District, Indian River County School District; represents 14+ years of on-going, consecutive contracts and client relationships – multiple reselections.
 - Sr. Engineer/Principal-in-Charge - Geotechnical studies, construction materials testing & inspection, forensic studies, and environmental assessments in support of infrastructure and building design and construction for numerous residential, commercial and multi-use developments throughout South Florida for multiple clients.

Project Engineer

1993 to 1995

Ardaman and Associates, Inc.

Working primarily on FDOT related roadway and bridge projects, Mr. Dunkelberger progressed from a staff engineer to project engineer during his employment with Ardaman and Associates, Inc., a large Florida-wide geotechnical engineering consulting firm. During this time, Mr. Dunkelberger conducted the geotechnical investigation and evaluation for the design of 7 and 9-foot diameter drilled shaft foundations for the State Road 20 Bridge over the Apalachicola River. This involved the planning and daily field inspection of the engineering borings, evaluation of over 235 individual laboratory tests, and geotechnical analyses and design of drilled shaft foundations including development of a highly technical Osterberg cell load test program utilizing multiple load cells at varying vertical intervals for full mobilization of a Florida record test load of 15,000 tons.

Staff Engineer

1992 to 1993

Burns and McDonnell

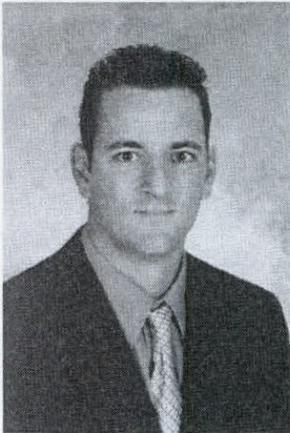
Mr. Dunkelberger served as an Assistant Geotechnical Engineer out of the Kansas City, Missouri headquarters of Burns and McDonnell, a 3,000 person architectural-engineering design firm. He provided geotechnical engineering design for water and wastewater facilities; power and transmission facilities; and airfield and military facilities. Mr. Dunkelberger also performed construction inspection of drilled shaft and augercast pile foundations.

Undergraduate Research Assistant & Graduate Assistant

1989 to 1992

University of Florida, Department of Civil Engineering

As an undergraduate student at the University of Florida (UF), Mr. Dunkelberger worked as an assistant to professors and graduate students performing geotechnical engineering research involving centrifuge modeling of axially loaded piles (strain gages, load cells, computer data acquisition systems); drilled shaft field load testing; and in-situ field testing including operation of UF's then state-of-the-art Electric Cone Penetration rig. As a Geotechnical Graduate Assistant, he was responsible for the research on an FDOT/FHWA funded drilled shaft research project involving assessment of skin friction developed in a scale model anchor pullout test.



Registrations/Certifications:

AHERA (Asbestos) Building Inspector, 1999, updated annually through 2002

OSHA 40 Hour Annual Safety Course, 1999

OSHA 8 Hour Refresher Course, updated annually through 2003

DOT/HMM-126F HAZMAT Training 49CFR 172, Subpart H, 2003

Waste Management Training under 40 CFR 265.16, 2003

Mr. Petric serves as an environmental scientist and works side-by-side with our engineers. His duties include the performance of Phase I Environmental Site Assessments (ESAs), Phase II ESAs, soil, sediment, groundwater and surface water quality evaluation services, Site Assessment Reports, Tank Closure Assessment Reports, Remedial Action Plans, Monitoring Plans, remedial action implementation and related environmental services.

Mr. Petric's experience is complimented by his management capabilities and attention to detail in completing environmental projects. His organization skills allow him to effectively interact with clients and regulatory agencies to assure that work is completed in accordance with specifications and regulatory requirements. The following provides a brief synopsis of Mr. Petric's representative sediment testing experience.

Education: BA, Geography (Environmental Tract), University of South Florida, 1999

Years Experience: 12

Sediment Quality Testing

- Enhanced Phase I Environmental Site Assessment (ESA) and Surface Water and Sediment Quality Evaluation for FDEP Permitting - Rio Marina Re-Development, Martin County, Florida
- Sediment Quality Evaluation - Riviera Beach Yacht Center, Riviera Beach, Florida
- Soil-Sediment Testing for Petroleum Contamination - North Lake Worth Inlet Sand Transfer Plant, Palm Beach County, Florida
- Sediment Quality Evaluation, Henderson Creek Diversion, Near Naples, Florida
- Lake Surface Water and Sediment Quality Testing, Former Golf Course/Park Re-Development Project, Royal Palm Beach, Florida
- FDEP Water and Sediment Sampling and Analysis Pelicans Nest Marina, Martin County, Florida
- Dredge Materials Sediment Quality Testing, City of Lauderhill Canal System Culverts, Lauderhill, Florida
- Lead Soil Quality Evaluation - FAU Harbor Branch Small Boats Marina, Fort Pierce, Florida
- Soil/Sediment Quality Assessment, Shooting Range in Sarasota County, Florida
- Site Assessment with Lake Sediment Testing, former golf course in Deerfield Beach, Florida
- Dredge Materials Sediment Quality Testing, Sunshine Water Control District Canal Culverts, Coral Springs, Florida

DUNKELBERGER
engineering & testing, inc.

Andrew Petric
Project Environmental Scientist



Certifications:

- CTQP (FDOT) Earthwork Construction Inspection – Level I & Level II
- Nuclear Density Gauge Safety/ Hazardous Materials Training
- ACI Concrete Field Testing Technician – Grade I
- CTQP (FDOT) Concrete Field Technician, Level I
- ACI Aggregate Field Testing Technician
- CTQP (FDOT) LBR Technician
- CTQP (FDOT) Asphalt Paving Technician – Level I
- CTQP (FDOT) Final Estimates – I & II
- ATSSA Advanced Maintenance of Traffic (MOT) Certification
- FDEP Qualified Stormwater Management Inspector
- FEMA Trained Debris Monitor
- OSHA (10 hour) Construction Safety

Professional Development:
St. Lucie County Chamber Leadership Class 27 (2010)

University of Wisconsin's *Soil Engineering for Non-engineering Majors*

Florida Chamber's Environmental Permitting Summer School, 2007

Since obtaining her Bachelors Degree in Environmental Science, Ms. Roberts has been advancing her career in the field of geotechnical engineering through a wide variety of project assignments and responsibilities, as well as through self-study, short courses, and in-house training. Ms. Roberts presently serves as a Staff Scientist with Dunkelberger specializing in the practice of construction materials testing and inspection. She holds various certifications and has progressive experience performing construction field inspection and testing to verify compliance with project specifications. Her specific inspection experience includes dredged material management area (DMMA) impoundment construction; canal bank restoration construction, canal bank stabilization utilizing vegetation/articulating mats, beach dune restoration construction; shoreline stabilization utilizing gabion baskets; installation of utilities, road construction, asphaltic concrete pavement construction, and reinforcing steel construction.

Ms. Roberts' inspection qualifications are complimented by her management capabilities and attention to detail in completing project specific paperwork. Her experience allows her to effectively coordinate with on-site personnel to assure that work is completed in accordance with project plans and specifications as well as trouble-shoot potential problems. The following provides a brief synopsis of Ms. Roberts' representative inspection and field testing experience.

Education:

B.S. in Environmental Science, University of South Florida, 2004

Years Experience: 7

Construction Inspection & Testing

- Canal Embankment Reconstruction & Articulating Mat Armoring, Verada Ditch Improvements, Port St. Lucie, Florida
- Indian River Drive Embankment Reconstruction (14½ miles) – Vegetation Planting, St. Lucie County, Florida
- Canal Embankment and Outfall Structure Reconstruction, Monterrey Waterway, Port St. Lucie, Florida
- Stormwater Treatment Area Construction, Howard Creek Eastern Watershed Improvement Project, Port St. Lucie, Florida
- Multiple Dredged Material Management Area (Earthen) Dike Impoundment Construction (per Army Corp specifications), BV-NASA (Cape Canaveral), SL-2 (St. Lucie County), IR-2 (Indian River County, Florida Inlet Navigation District and/or Army Corps of Engineers, Florida
- Shoreline Stabilization using Gabion Baskets, Florida Inland Navigation District Material Storage Area M-5, St. Lucie Inlet, Florida
- Beach Dune Restoration, Watersong South/Tesoro Beach Club, Hutchinson Island, Florida
- Culvert Crossing/Headwall Replacement, Calmoso Drive, Port St. Lucie, Florida
- Stormwater Pollution Prevention Plan (SWPPP) Inspection – BV-NASA, Cape Canaveral, Florida

Water Quality/Turbidity Testing

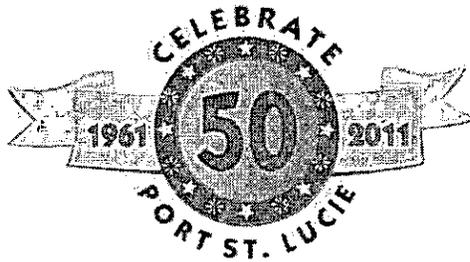
- Howard Creek Eastern Watershed Project, Port St. Lucie, Florida
- Verada Ditch Improvements, Port St. Lucie, Florida
- Tire Kingdom, Orlando, Florida



Kimberly A. Roberts
Inspector



"A City for All Ages"



CITY OF PORT ST. LUCIE

**Sealed Electronic Proposal #20120018
(E-Bid)**

Construction Engineering Inspections and Geotechnical St. Lucie N Drainage Improvements

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

Bid ATTENDANCE
RFP #20120018
CEI & GEO for SLNDI
January 3, 2012 @ 3:00:00 PM

	Name (Please PRINT Legibly)	Company Name Or Entity
1	Cheryl Shanaberger	City of PSL-OMB
2	<i>Barb Maguire</i>	<i>City of PSL</i>
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		

User: Shanaberger, CPPO, Cheryl

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

Logout | Help



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

Bid Details

Bid Information

[EDIT](#)

Agency	City of Port St. Lucie - Office of Management and Budget
Bid Type	Sealed Electronic Bid
Bid Number	EBID-20120018-0-2012/CS
Fiscal Year	2012
Bid Writer	Cheryl Shanaberger, CPPO
Bid Name	Construction Engineering Inspection and Geotechnical for St. Lucie North Drainage Improvments
Bid Status	Under Evaluation
Bid Status Text	None
Award To	
Due Date/Time	1/3/2012 3:00 PM Eastern
Broadcast Date	12/19/2011
Bid Bond	
Project Estimated Budget	
Plan (blueprint) Distribution Options	None
Distribution Method	Download and Mail
Distributed By	Onvia DemandStar
Distribution Notes	None
Scope of Work	<p>Construction Engineering Inspection for the St. Lucie North Drainage Improvements (SLNDI) project. The project construction includes work within certain portions of the C-104, C-105, C-106, C-107, and C-108, consisting of, but not limited to: canal cleaning, clearing and grubbing of canal slopes and restoration, placing articulating concrete block mats, riprap, construction of a storm water pond, outfall structures, new sidewalk, exotic and invasive vegetation removal, cross street and drainage rights-of-way conveyance pipe replacements, upgrades to drainage and water control structures, headwall, bridge flow-way rehabilitation, residential roadway pavement restoration, sodding, erosion control measures, and landscape restoration. This project is being constructed under a Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP), Agreement, #12HM-2Y-10-66-02-002 Phase II.</p> <p>The services provided shall include field observation, coordination and meetings with the Contractor, City, Public, Utility, Land Owner and testing companies, review and issuance of change orders, Contractor's monthly pay requests, schedules, shop drawings review, preparation of project progress reports to Local, State, and Federal agencies, incremental reimbursement requests from appropriate agencies, coordination of permit conditions and compliance, and project closeout. The engineer shall provide a Project Engineer licensed in the state of Florida (part-time), and a resident Inspector (full-time) to observe the work performed, materials used, and to determine if the work has been completed in accordance with the construction contract. The Project Engineer will be required to provide certification of completion to the appropriate jurisdictional agencies, review record drawings, clearance, provide a final project summary and closeout documents prior to the grant deadline of January 11, 2013, and turnover packages of all fixtures and improvements.</p> <p>The engineer shall have positive and proven experience with the HMGP process and protocols. The grant program is a 75% reimbursement for all eligible work and based on the approved plan sheets prepared by CAPTEC Engineering, Inc.</p> <p>Additional services to be provided include geotechnical services for all field work including laboratory, water quality, concrete and asphalt testing services during construction activities. The geotechnical representative will be available for concrete testing, continuous subgrade and backfill inspections, in place soil density, asphalt, concrete, water turbidity and soil quality testing for the purpose of specification compliance and assisting in expediting the construction schedule. All testing shall be in accordance with Florida Department of Transportation (FDOT) and the City of Port St. Lucie requirements.</p>

E-Bidding Yes

E-Bidding



View Supplier Info on Tabulation Sheet prior to bid opening Yes

Required Documents 1. Questionnaire

Legal Ad



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

Pre-Bid Conference

NONE

Publications

No Publications Data Found

Documents



Bid Package 20120018 Bid Specifications (Complete)

Commodity Codes

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

Statistics

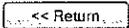
Planholders There are 15 planholders for this bid

Broadcast List 28 suppliers have been notified

Supplemental Suppliers 0 Supplemental Suppliers

Filtered Yes

Post-Bid Viewers 0 viewer(s)



User: Shanaberger, CPPD, Cheryl

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

Logout | Help

DEMANDSTAR
by ONVIA



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-20120018-0-2012/GS
 Bid Name Construction Engineering Inspection and Geotechnical for St. Lucie North Drainage Improvements
 Bid Due Date 1/3/2012 3:00:00 PM Eastern-time
 Bid Opening Closed

3 total responses found.

online, offline, not submitting, not received

	Company	Responded	Address	Bid Amt	Alt Bid Amt	Documents	Sent	Notes	Actions
Complete									
1.	Caivin, Giordano & Associates, Inc.	1/3/2012 2:16:15 PM	1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316	\$0.00		Questionnaire	<input checked="" type="checkbox"/>		Details, Documents, History
2.	Culpepper & Terpening Inc	1/3/2012 2:02:40 PM	2980 South 25th Street Ft. Pierce, FL 34981	\$0.00		Questionnaire	<input checked="" type="checkbox"/>		Details, Documents, History
3.	Milestone Construction Group, LLC	1/2/2012 3:27:06 PM	1391 NW St. Lucie West Blvd., Suite 300 Port St. Lucie, FL 34986	\$0.00		Questionnaire	<input checked="" type="checkbox"/>		Details, Documents, History

[<< Return](#)

Manage Bid Tabulation

Planholder Responses

When adding a manual response, you can select a vendor off the Planholders List or add a new vendor.
 (Select a Planholder) [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...](#)

11/1/12

20120018

Availability of staff

MO.T - requirements

look for soil density as well as concrete
also water quality testing

subs =

Grants ends 11/1/2013 - const complete Oct 2012
schedule is very tight - need CFT to have experience
with keeping contractor on track

11/2/12

Eval

1 Ask for original sheets

2 Ask for original participation

draw names for which firm goes first

1:30 - ① Calvin 1/18 @ 1:30

2:00 - ② CFT

2:30 - ③ Milestone

Contact
Each
Committee 5
Requirements
Presentation
I will probably
OK

taps meeting

3 Hard out 5 more sheets

any one want to change scores or as is?

then draw name - must do QA for

all 3 firms

BID ADDENDUM # 1
BID # 20120018
Addendum Date: January 12, 2012

Construction Engineering Inspection & Geotechnical for SLNDI

Notification

This is notification that the evaluation committee met on January 12 at 1:30 P.M. in the Office of Management and Budget, Room 390, 121 SW Port St. Lucie Blvd., Building A, Port St. Lucie, Florida and selected the three firms below for a question and answer interview at the designated times;

Firm	Interview time
Calvin Giodano & Associates, Inc.	1:30 PM
Culpepper & Terpening Inc.	2:00 PM
Milestone Inc.	2:30 PM

The question and answer session will be held on January 18, 2012 starting at 1:30 P.M. in the Office of Management and Budget, 121 SW Port St. Lucie Blvd., Bldg. A, Room 390, Port St. Lucie, Florida. The presentations are to be specific concerning approach for CEI and geotechnical concerns for this project. The presentation is not to include information concerning qualifications.

The format of the meeting will be

- A. 5 minutes for introduction by the firm
- B. 20 minutes for questions from committee members

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

Anticipated Short List approval for City Council is November 14, 2012.

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

Thank you,

Cheryl Shanaberger MPA, CPPO
Deputy Director of OMB



"A City for All Ages"



CITY OF PORT ST. LUCIE

**Sealed Electronic Proposal #20120018
(E-Bid)**

Construction Engineering Inspections and Geotechnical St. Lucie N Drainage Improvements

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 #20120018 Construction Engineering Inspection (CEI) and Geotechnical Services for St. Lucie North Drainage Improvements will be received by the Office of Management and Budget of the City of Port St. Lucie no later **3:00:00 p.m. on January 3, 2012**. Specifications are attached.

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

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

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

All Terms and Conditions of the Master Contract #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, #20120018 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 #20120018 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 files to 1.5 mg.**

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	December 20, 2011
Proposal Due	January 3, 2012 @ 3:00:0 P.M. EST
Evaluation Committee*	January 12, 2012 @ 2:30 P.M
Q & A*	January 18, 2012 @ 1:30 P.M.
Tentative City Council Short List Approval	January 23, 2012
Tentative Negotiations	January 25, 2012 1 P.M.
Tentative City Council Contract Approval	February 13, 2012

*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 1:30 pm.

EVALUATION AND AWARD

Responses will be scored in the following manner:

	<u>CRITERION</u>
<u>MAXIMUM SCORE</u>	
a) Firm Experience FEMA	15 points
b) Assigned Staff Experience	45 points
c) Geotechnical & Density Testing & staff experience	30 points
d) Emergency Response Time	5 points
e) 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

Construction Engineering Inspection for the **St. Lucie North Drainage Improvements (SLNDI)** project. The project construction includes work within certain portions of the C-104, C-105, C-106, C-107, and C-108, consisting of, but not limited to: canal cleaning, clearing and grubbing of canal slopes and restoration, placing articulating concrete block mats, rip rap, construction of a storm water pond, outfall structures, new sidewalk, exotic and invasive vegetation removal, cross street and drainage rights-of-way conveyance pipe replacements, upgrades to drainage and water control structures, headwall, bridge flow-way rehabilitation, residential roadway pavement restoration, sodding, erosion control measures, and landscape restoration. This project is being constructed under a Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP), Agreement, #12HM-2Y-10-66-02-002 Phase II.

The services provided shall include field observation, coordination and meetings with the Contractor, City, Public, Utility, Land Owner and testing companies, review and issuance of change orders, Contractor's monthly pay requests, schedules, shop drawings review, preparation of project progress reports to Local, State, and Federal agencies, incremental reimbursement requests from appropriate agencies, coordination of permit conditions and compliance, and project closeout. The engineer shall provide a Project Engineer licensed in the state of Florida (part-time), and a resident Inspector (full-time) to observe the work performed, materials used, and to determine if the work has been completed in accordance with the construction contract. The Project Engineer will be required to provide certification of completion to the appropriate jurisdictional agencies, review record drawings, clearance, provide a final project summary and closeout documents prior to the grant deadline of January 11, 2013, and turnover packages of all fixtures and improvements.

The engineer shall have positive and proven experience with the HMGP process and protocols. The grant program is a 75% reimbursement for all eligible work and based on the approved plan sheets prepared by CAPTEC Engineering, Inc.

Additional services to be provided include geotechnical services for all field work including laboratory, water quality, concrete and asphalt testing services during construction activities. The geotechnical representative will be available for concrete testing, continuous subgrade and backfill inspections, in place soil density, asphalt, concrete, water turbidity and soil quality testing for the purpose of specification compliance and assisting in

expediting the construction schedule. All testing shall be in accordance with Florida Department of Transportation (FDOT) and the City of Port St. Lucie requirements.

Testing Frequencies:

The following in-place density testing frequencies for the subject project:

Roadways:

Embankment - 1 test per 200 lineal feet, per travel direction, per 12-inch lift

Stabilized Subgrade - 1 test per 200 lineal feet, per travel direction

Base Course - 1 test per lift, per 200 lineal feet, per travel direction

Curb pads - 1 test per 200 lineal feet

Sidewalks - 1 test per 200 lineal feet, per 12-inch lift of embankment or 1 foot into natural ground

Underground Piping/Utilities:

Drainage Pipe - 1 test per 200 lineal feet (or per backfill/open cut operation) per lift along side of pipe to top-of-pipe, then every 1 foot of fill atop pipe thereafter.

Water and Force Mains/Traffic/Cable/FP&L Conduit (if needed) - 1 test per 200 lineal feet of pipe (or per backfill/open cut operation) per lift from top-of-pipe to finished grade.

Drainage Structures:

One (1) test per lift of backfill, from bottom of structure to top of structure. (Fill placed on all sides of structure is probed with a manual probe rod to confirm uniform compactive effort).

The Construction Materials Testing (CMT) services required for the following work elements are:

- Construction of a headwall extension at C-108 Structure 8-01, and various locations along canal bank
This includes concrete, backfill, and density testing.
- Construction of Dry Detention Pond between Alsace Street and C-107 Canal along with new sidewalk
Includes the installation of precast structures and concrete pipe. Existing utility safeguards and density requirements.
- Construction of new concrete piping at Rugby Drive @ C-104, West Torino Parkway @ C-105, and East Torino Parkway @ C-104, Canada Street @ C-106, Volucia Drive @ C-106 & C-107, and associated milling and paving.
This includes precast structures, concrete pipe (24" to 66"), backfill, paving, and density testing.

The project will entail minor miscellaneous paving repairs, sidewalks. It is anticipated that the CEI services for the above noted work elements will include the following tasks:

- Soil management
- Field density testing
- Turbidity testing
- Laboratory testing (moisture-density, organic/moisture content, permeability testing, etc.)
- Vibration monitoring
- Concrete testing
- Engineering consulting relative to the various construction elements, and possible vibration issues and potential complaint resolution.
- Asphalt quality control/testing

**SAMPLE
CITY OF PORT SAINT LUCIE
CONTRACT #20120018**

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 #20120018 is for the Construction Engineering Inspection and Geotechnical Services for the St. Lucie North Drainage Improvement project. All Terms and Conditions of the Master Contract #20080132 or 20100116 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 Service

**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 money. All Lump Sum Amounts are Not to Exceed amounts. The City will not pay for out-of-pocket expenses (Office & Utilities), subconsultant fees or any reimbursable expense. Total is a *Not to Exceed* amount that will be paid at actual time and expense

SECTION IV CONFORMANCE WITH PROPOSAL

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

SECTION V INDEMNIFICATION/INSURANCE

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

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

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

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

Commercial General Liability for public liability during the lifetime of this Contract shall have minimum limits of \$1,000,000 per occurrence, \$2,000,000 per aggregate, for Personal Injury, Bodily Injury, and Property Damage Liability. Coverage shall include Premises and/or Operations, Independent Contractors, Products and/or Complete Operations, Contractual Liability and Broad Form Property-Damage Endorsements. Coverage shall not contain an exclusion or limitation endorsement for Contractual Liability or Cross Liability. All

insurance policies shall be issued from a company or companies duly licensed by the State of Florida. All policies shall be on a per project occurrence-made basis; the City shall not accept claims-made policies. Specific endorsements will be requested depending upon the type and scope of work to be performed.

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

Except as to Workers' Compensation and Employers' Liability, said Certificate(s) and Policies shall clearly state that coverage required by the contract has been endorsed to include the City of Port St. Lucie, a political subdivision of the State of Florida, its officers, agents and employees as Additional Insured with a CG 2026-Designated Person or Organization endorsement, or similar endorsement, to its Commercial General Liability and Automobile Liability Policies. The name for the Additional Insured endorsement issued by the insurer shall read "City of Port St. Lucie, political subdivision of the State of Florida, its officers, employees and agents, and Contract #20120018. 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 conflict the most stringent applies.

SECTION XII ASSIGNMENT

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

SECTION XIII TERMINATION

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

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

SECTION XIV LAW AND VENUE

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

SECTION XV APPROPRIATION APPROVAL

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

SECTION XVI RENEWAL OPTION

Not Applicable

**SECTION XVII
ENTIRE AGREEMENT**

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

**SECTION XVIII
TRUTH-IN-NEGOTIATIONS**

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

**SECTION XIV
CONFLICT OF INTEREST**

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

Balance of page left blank

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 #20120018, CEI and Geotechnical for the St. Lucie North Drainage Improvements.

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

QUESTIONNAIRE
E-Bid #20120018
CEI for St. Lucie North Drainage Improvements

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 _____, 201

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 firm experience in managing a FEMA Hazard Mitigation Grant Program?

Years	Location	Contract person	Telephone
-------	----------	-----------------	-----------

3. What is the firm experience in FEMA reporting i.e. Federal Guidelines, production schedules, quarterly reports and advance payment request?

Years	Location	Contract person	Telephone
-------	----------	-----------------	-----------

4. What is the firm experience in project certification and closeout for FEMA Hazard Mitigation Grant?

Years	Location	Contract person	Telephone
-------	----------	-----------------	-----------

5. Provide staff experience that will be assigned to this project for the following:

Canal dredging

Name Title Years Exp

Embankment Repair

Name Title Years Exp

Removal of exotic & invasive vegetation

Name Title Years Exp

Large culvert replacement inspection

Name Title Years Exp

Compliance with environmental permits & reporting

Name Title Years Exp

Acceptability parameters for spoil disposal

Name Title Years Exp

Meetings, coordination, progress & public

Name Title Years Exp

Management of construction schedule

Name Title Years Exp

Project reporting & City webpage

Name Title Years Exp

CEI ability to issue engineering design modifications

Name Title Years Exp

6. Provide staff experience that will be assigned to this project in performing geotechnical & density services.

Name	Title	Type test	Years Exp	Project location
------	-------	-----------	-----------	------------------

7. Provide staff experience that will be assigned to this project in sediment composition sampling/analysis.

Name	Title	Type test	Years Exp	Project location
------	-------	-----------	-----------	------------------

(This is a word document add lines as needed)

8. Detail the anticipated geotechnical services for this project.

Test type	Est. number
-----------	-------------

9. Detail the anticipated density test requirements for this project
Test type _____ Est. number _____

(This is a word document add lines as needed)

10. Where is your firm's main office address located for this project and what is the estimated response time to the project site for resolution of design issues and emergencies?
Location _____ Response time in hours _____

11. List past 5 years of litigation history

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

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

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

