

Agenda Item is over 50 pages can be reviewed  
in the Minutes Department.

## Agenda Item #: 3-C-6

### PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

#### AGENDA ITEM SUMMARY

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**Meeting Date:** January 24, 2012 ☒ Consent ☐ Regular  
☐ Workshop ☐ Public Hearing

**Department:**

**Submitted By:** Engineering & Public Works Department

**Submitted For:** Roadway Production Division

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#### I. EXECUTIVE BRIEF

**Motion and Title:** Staff recommends motion to approve: Supplemental Agreement No. 10 to Project Agreement R2004-0053 in the amount of \$111,450.96 with Metric Engineering, Inc. for professional services.

**SUMMARY:** Approval of this Supplemental Agreement will provide the services necessary for the preparation of modified design plans for Silver Beach Road from east of Congress Avenue to Old Dixie Highway.

District 1 (MRE)

**Background and Justification:** On January 13, 2004, the Board of County Commissioners (Board) approved an Agreement R2004-0053 with Metric Engineering, Inc. (MEI) to provide professional services required to prepare design plans and construction bid documents for the Silver Beach Road from east of Congress Avenue to Old Dixie Highway project (Project). Palm Beach County now desires MEI to modify the design plans for the Project, as detailed in Exhibit "A" of the attached Supplemental Agreement. The Small Business Enterprise (SBE) goal for the Project is 15%. The SBE participation committed for this supplement by MEI is 10.3%, with 34.3% SBE participation achieved to date. The fee, as detailed in Exhibit "A" of the attached Supplemental Agreement, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum) .....	\$ 99,963.86 (Design).
Reimbursable Expenses (Not to Exceed)....	<u>\$ 11,487.10</u> (Surveyor, Environmental and Geotechnical Services).
Total:	<u>\$111,450.96</u>

After reviewing the attached Supplemental Agreement and finding it in proper order, staff recommends Board approval.

**Attachments:**

1. Location Map
2. Supplemental Agreement with Exhibits "A", "B", "C", "D" and Certificate of Insurance (2)
3. Project Work Schedule

Recommended by: *[Signature]* 12/6/11  
Division Director Date

Approved By: *[Signature]* 1/3/12  
County Engineer Date

## II. FISCAL IMPACT ANALYSIS

### A. Five Year Summary of Fiscal Impact:

Fiscal Years	2012	2013	2014	2015	2016
Capital Expenditures	\$133,756	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$133,756	-0-	-0-	-0-	-0-
# ADDITIONAL FTE					
POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

#### Budget Account No:

Fund 3501 Dept 361 Unit 0994 Object 6505

#### Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Fund - Zone 1

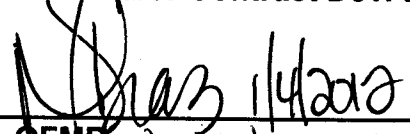
Silver Beach Rd/E of Congress to Old Dixie Hwy

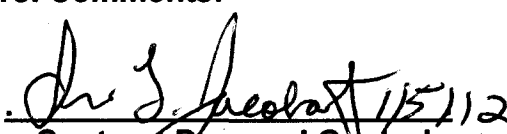
Supplement #10 - Basic Services	\$ 99,963.86
- Reimbursables	\$ 11,487.10
Supplement Total	\$111,450.96
Staff Costs - Roadway Production	11,150.00
Right of Way	2,790.00
Engineering Services	2,790.00
Traffic	5,575.00
Fiscal Impact	\$133,755.96

### C. Departmental Fiscal Review:

## III. REVIEW COMMENTS

### A. OFMB Fiscal and/or Contract Dev. and Control Comments:

  
OFMB <sup>SA</sup> 1/4/12  
1/4/12 cc [initials] 1/12

  
Contract Dev. and Control 1/5/12

### B. Approved as to Form and Legal Sufficiency:

  
Assistant County Attorney 1/6/12

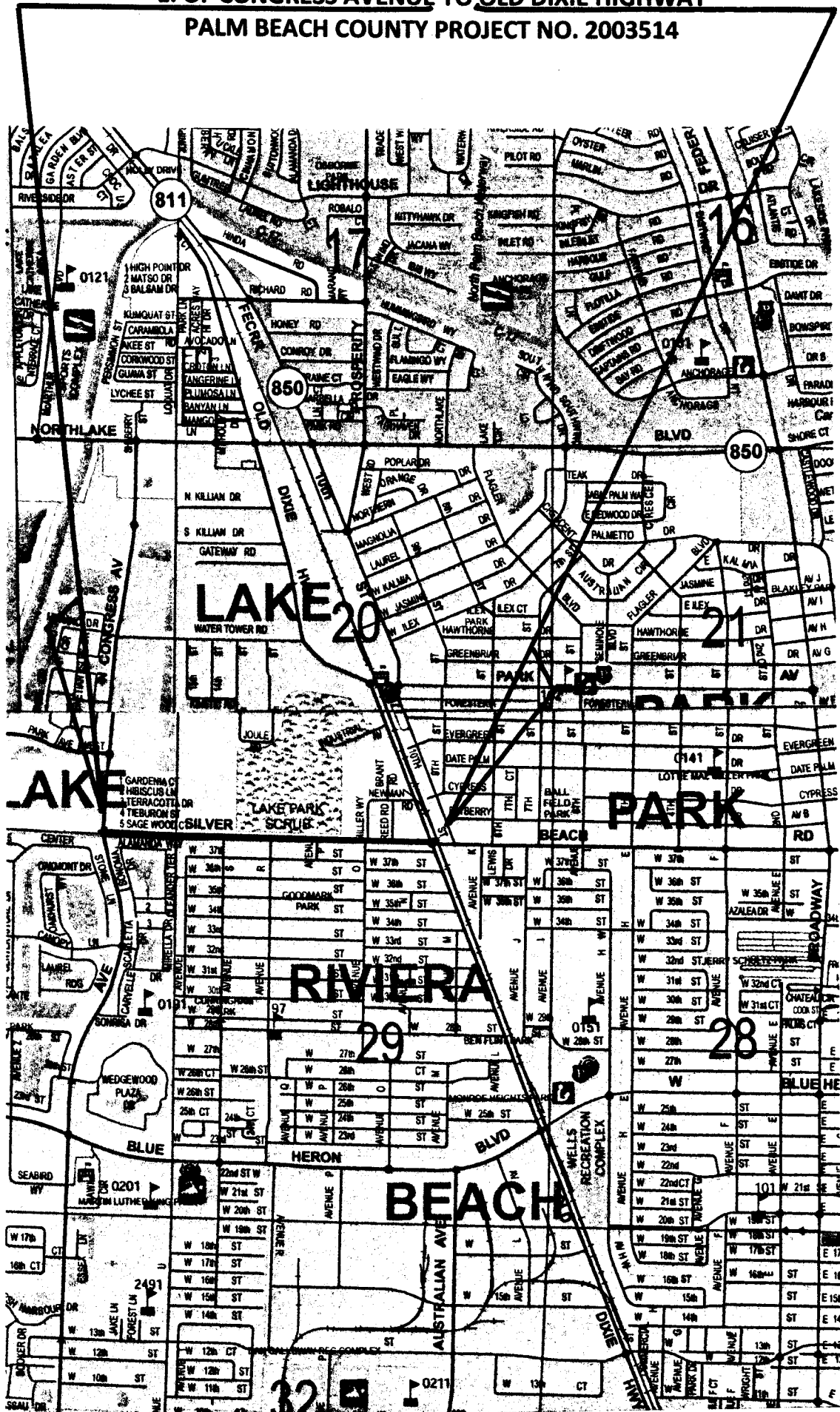
This item complies with current County policies.

### C. Other Department Review:

\_\_\_\_\_  
Department Director

This summary is not to be used as a basis for payment.

SILVER BEACH ROAD  
E. OF CONGRESS AVENUE TO OLD DIXIE HIGHWAY  
PALM BEACH COUNTY PROJECT NO. 2003514



LOCATION SKETCH

**ATTACHMENT 2**

**SUPPLEMENTAL AGREEMENT BETWEEN**

**PALM BEACH COUNTY  
AND  
METRIC ENGINEERING, INC.**

**FOR PROFESSIONAL ENGINEERING SERVICES ON**

**SILVER BEACH ROAD  
E. OF CONGRESS AVENUE TO OLD DIXIE HIGHWAY**

**PROJECT NO.: 2003514  
PALM BEACH COUNTY, FLORIDA**

**THIS SUPPLEMENTAL AGREEMENT No. 10, made and entered into this day of \_\_\_\_\_ 2012 by and between Palm Beach County, hereinafter COUNTY, and, Metric Engineering, Inc., a Florida Corporation with an address of 13940 S.W. 136 Street, Miami, Florida 33186, hereinafter CONSULTANT.**

**WITNESSETH**

**WHEREAS, the COUNTY and CONSULTANT entered into a Project Agreement dated January 13, 2004 (R2004-0053), to provide professional engineering services for the design of Silver Beach Road from E. of Congress Avenue to Old Dixie Highway, Palm Beach County, Florida (hereinafter PROJECT); and.**

**WHEREAS, the COUNTY now desires for the CONSULTANT to modify the design plans for the PROJECT; and**

**WHEREAS, the following fee has been negotiated as just and reasonable compensation for these professional services to be performed by the CONSULTANT:**

**RE: SILVER BEACH ROAD - E. OF CONGRESS AVENUE TO OLD DIXIE HIGHWAY**  
**Project No. 2003514**

Basic Services in a lump sum fee of **\$99,963.86;**

Reimbursable Services (Not to Exceed) \$11,487.10

**Totaling \$111,450.96**

**NOW, THEREFORE, THIS INDENTURE WITNESSETH:** That for and in consideration of the mutual benefits to flow from each to the other, the parties hereto agree as follows:

1. The **CONSULTANT** agrees to provide professional services as described in Exhibit "A" of the Agreement known as "SCOPE OF WORK & FEE".
2. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in Exhibit "B" of the Agreement.
3. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "C" of the Agreement.
4. The **CONSULTANT** has provided sub-consultants Letter of Intent to perform as an SBE as described in Exhibit "D" of the Authorization.
5. The **COUNTY** agrees to pay the **CONSULTANT** a fee of One Hundred Eleven Thousand Four Hundred Fifty Dollars and Ninety-Six Cents (\$111,450.96).
6. The **CONSULTANT** agrees to indemnify, defend and hold harmless the **COUNTY** against all claims that may arise as a result of negligence, wrongdoing, misconduct or want of care by the **CONSULTANT**.
7. Palm Beach County has established the Office of the Inspector General in Palm Beach County Code Section 2-421 – 2-440, as may be amended. The Inspector General's authority includes but is not limited to the power to review past, present and proposed County contracts, transactions, accounts and records, to require the production of records, and audit, investigate, monitor, and inspect the activities of the **CONSULTANT**, its officers, agents, employees, and lobbyists in order to ensure compliance with contract requirements and detect corruption and fraud.

Failure to cooperate with the Inspector General or interfering with or impeding any investigation shall be in violation of Palm Beach County Code, Section 2-421 – 2-440, and punished pursuant to Section 125.69, Florida Statutes, in the same manner as a second degree misdemeanor.

8. The **CONSULTANT** warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status, sexual orientation, and gender identity and expression.

Except as hereby amended, changed or modified, all other terms and conditions of the original Agreement dated **January 13, 2004 (R2004-0053)**, and;

**RE: SILVER BEACH ROAD - E. OF CONGRESS AVENUE TO OLD DIXIE HIGHWAY**  
**Project No. 2003514**

Supplements and Amendments thereto, shall remain in full force and effect.

**IN WITNESS WHEREOF**, the parties hereto have made and executed this Authorization as of the day and year first above written.

**OWNER:**  
**Palm Beach County, Florida, a**  
Political Subdivision of the  
State of Florida

**CONSULTANT:**  
Metric Engineering, Inc.  
a Florida Corporation

**BOARD OF COUNTY COMMISSIONERS**

BY: \_\_\_\_\_  
Shelley Vana, Chair

BY: \_\_\_\_\_  
Carlos A. Duarte  
President

**ATTEST:**  
Sharon R. Bock, Clerk & Comptroller  
Circuit Court

BY: \_\_\_\_\_  
Deputy Clerk

**CORPORATE SEAL**

WITNESS:

BY: \_\_\_\_\_

SEAL

\_\_\_\_\_  
ARIADNA HERNANDEZ  
(Printed Name)

APPROVED AS TO TERMS  
AND CONDITIONS:

BY: \_\_\_\_\_  
Ornelas A. Fernandez

BY: \_\_\_\_\_  
KATRINA KERR

APPROVED AS TO FORM & LEGAL  
SUFFICIENCY:

\_\_\_\_\_  
KATRINA KERR  
(Printed Name)

\_\_\_\_\_  
County Attorney

# EXHIBIT “A”

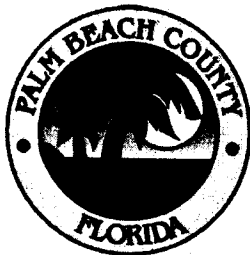
Rec'd 11/2/11

Exhibit "A" - Page 1 of 36

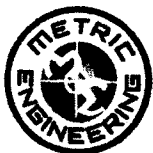
**SCOPE OF SERVICES**  
**SILVER BEACH ROAD**  
**From**  
**East of Congress Avenue**  
**To**  
**East of Old Dixie Highway**

*OK to process.  
MFR  
11/2/11*

**Palm Beach County Project No. 2003514**



**Supplement 10**



**Prepared by:**  
**Metric Engineering, Inc.**  
**13940 SW 136 Street**  
**Miami, FL 33186**

*Scope & Fee  
Reviewed as requested  
OK  
HFS 11/2/11*



## **Exhibit "A"**

### **Scope of Services**

#### **Supplement 10**

##### **Introduction**

Metric Engineering, Inc. proposes to provide additional professional services required in connection with the proposed roadway construction and improvements of Silver Beach Road from Congress Avenue to Old Dixie Highway, a distance of approximately 0.9 miles in Palm Beach County, Florida. Additional services shall include roadway and drainage plans related to the requested changes as well as additional signing and pavement marking analysis and plans.

The scope of changes includes the required modifications to be done to the design files and construction documents per the final accepted alignment provided in the latest master plan version from June of 2010.

These changes are needed to complete the production of final plans per the design changes. The services account for a new submittal of plans for 35%, 65%, 96%, 100% and final plans. Metric will provide the Services listed below.

##### **A. Basic Services**

Roadway, drainage plans, drainage calculations, signing and pavement marking, and signalization components will need to be revised to accommodate new proposed alignment change. The additional supplement is needed to complete the above mentioned areas of design as related to:

- Changes to the typical section and geometry including profiles, cross sections, side street and driveway profiles.
- Changes to the proposed storm water management system per current SFWMD regulations.
- Changes to the signing and pavement markings as approved on the latest master plan version.

- Changes to the signalized intersection of Silver Beach Road and Old Dixie Highway. No signalization improvements are necessary for the intersection of Silver Beach and Congress Avenue.

**B. Reimbursable Services:**

**1. Environmental:**

Threatened and Endangered Species Assessment and Report

- Research existing published literature and available documents pertinent to the subject project site.
- Review existing databases from the Service and the FWC for the presence of federal and state listed plant and animal species, and request a database search from the FWC for the presence of a Southern Bald Eagle nest onsite or within a one (1) mile radius of the project area.
- Conduct one site assessment to evaluate the presence of threatened and endangered species, species of special concern, critical habitat, and natural communities.
- Prepare a Threatened and Endangered Species Assessment Report outlining the findings of the on-site field investigation. Included will be a brief discussion of the existing site conditions, a summary of those regulatory agencies with potential jurisdiction over portions of the site, and any opportunities and/or constraints posed by the presence of threatened and endangered species or species of special concern.
- Coordination/meetings with the Client and/or Project Team (limited to four (4) staff hours).

(See attached proposal from Lotspeich and Associates, Inc.)

**2. Geotechnical:**

Additional borings for the proposed alignment of Silver Beach.

(See attached proposal from Tierra South Florida, Inc.)

Silver Beach Road  
Supplement 10

Exhibit "A" - Page 4 of 36  
PBC Project No. 2003514S

**3. Surveying:**

Wetland survey will be updated per the investigations of Lotspeich as required.

A contingency has been provided in surveying services to account for updating any site conditions which are found different during field reviews due to the extent of time which has passed since the last survey was updated. These services should be used as approved by Palm Beach County on as-needed basis.

(See attached proposal from Brown & Phillips, Inc.)

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:  
County:  
FPN  
FAP No:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10  
Palm Beach  
2003514

Consultant Name: Metric Engineering, Inc.  
Consultant No: 2 1648 10  
Date: 11/2/2011  
Estimator: FP

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Sr. Struct. Engineer	Sr. Roadway Eng.	Project Eng. Struct.	Project Eng. Road.	Sr. Cadd	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	64	10		13		31	10							64	\$2,319	\$36.24
4. Roadway Analysis	204	31		41		101	31							204	\$7,390	\$36.23
5. Roadway Plans	229	34		48		115	34							229	\$8,298	\$36.23
6. Drainage Analysis	244	37		49		121	37							244	\$8,839	\$36.23
7. Utilities	58	9		12		26	9							58	\$2,103	\$36.26
8. Environmental Permits, Compliance & Clearances																#DIV/0!
9. Structures - Misc. Tasks, Dwg, Non-Tech.																#DIV/0!
10. Structures - Bridge Development Report																#DIV/0!
11. Structures - Temporary Bridge																#DIV/0!
12. Structures - Short Span Concrete Bridge																#DIV/0!
13. Structures - Medium Span Concrete Bridge																#DIV/0!
14. Structures - Structural Steel Bridge																#DIV/0!
15. Structures - Segmental Concrete Bridge																#DIV/0!
16. Structures - Movable Span																#DIV/0!
17. Structures - Retaining Walls																#DIV/0!
18. Structures - Miscellaneous																#DIV/0!
19. Signing & Pavement Marking Analysis	52	8		10		26	8							52	\$1,881	\$36.17
20. Signing & Pavement Marking Plans	38	6		8		16	6							38	\$1,379	\$36.28
21. Signalization Analysis	54	8		11		27	8							54	\$1,957	\$36.24
22. Signalization Plans																#DIV/0!
23. Lighting Analysis																#DIV/0!
24. Lighting Plans																#DIV/0!
25. Landscape Architecture Analysis																#DIV/0!
26. Landscape Architecture Plans																#DIV/0!
27. Survey (Field & Office Support)																#DIV/0!
28. Photogrammetry																#DIV/0!
29. Mapping																#DIV/0!
30. Geotechnical																#DIV/0!
31. Architecture Development																#DIV/0!
32. Noise Barriers Impact Design Assessment																#DIV/0!
33. Intelligent Transportation Systems Analysis																#DIV/0!
34. Intelligent Transportation Systems Plans																#DIV/0!
Total Staff Hours	943	143		190		467	143							943		
Total Staff Cost		\$6,435.00		\$7,809.00		\$16,345.00	\$3,575.00								\$34,164.00	\$36.23

Survey Field Days by Subconsultant  
4 - Person Crew:

- Notes:
- This sheet to be used by Prime Consultant to calculate the Grand Total fee.
  - Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

→ \* 2.926% multiplier

SALARY RELATED COSTS:

OVERHEAD: 100.00% \$34,164.00  
Subtotal \$56,712.24  
Operating Margin 10.000% \$9,087.62

Survey (Field - If by Prime) 4-man crew days @ 5 / day  
SUBTOTAL ESTIMATED FEE: \$99,963.86  
TOTAL BASIC SERVICES: \$99,963.86

REMBURSABLES:  
Subconsultant: Brown & Phillips, Inc. \$2,498.00  
Lotseich and Associates, Inc. \$4,418.10  
Tierra South Florida \$4,571.00  
TOTAL REMBURSABLES: \$11,487.10

Optional Services  
GRAND TOTAL ESTIMATED FEE: \$111,450.96

Exhibit "A" - Page 5 of 36

### Project Activity 3: Project Common and Project General Tasks

Estimator:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10

Updated 080818

2003514

Task No.	Task	Unit	No. of Units	Hours/Unit	Total Hours	Comments
3.1	Public Involvement					
3.1.1	Community Awareness Plan	LS	1			
3.1.2	Notifications	LS	1			
3.1.3	Prepare Mailing Lists	LS	1			
3.1.4	Median Modification Letters	LS	1			
3.1.5	Driveway Modification Letters	LS	1			
3.1.6	Newsletters	LS	1			
3.1.7	Renderings and Fly Throughs	LS	1			
3.1.8	PowerPoint Presentation	LS	1			
3.1.9	Public Meeting Preparations	LS	1			
3.1.10	Public Meeting Attendance/Followup	LS	1			
3.1.11	Meetings with municipalities	LS	1	24	24	4 meetings x 2 people x 3 hours (Lake Park + Riviera Beach)
3.1.12	Web Site	LS	1			
3.1 Public Involvement Subtotal				24		
3.2	Joint Project Agreements	EA				N/A
3.3	Specifications Package Preparation	LS	1			
3.4	Contract Maintenance	LS	1			
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1			N/A
3.6	Submittal review meetings with PBC (35%, 65%, 96%, R/W)	LS	1	40	40	4 additional meetings x 5 hours each x 2 people
3.7	Plans Update	LS	1			

**Project Activity 3: Project Common and Project General Tasks**

Task No.	Task	Unit	No of Units	Hours/Unit	Total Hours	Comments
3.8	Post Design Services	LS	1			
3.9	Electronic Delivery	LS	1			
3.10	Other Project General Tasks	LS	1			
3. Project Common and Project General Tasks Total					04	

**3.4. List of Project Manager Meetings**

Roadway Analysis	EA
Drainage	EA
Utilities	EA
Environmental	EA
Structures	EA
Signing & Pavement Marking	EA
Signalization	EA
Lighting	EA
Landscape Architecture	EA
Survey	EA
Photogrammetry	EA
ROW & Mapping	EA
Geotechnical	EA
Architecture	EA
Noise Barriers	EA
ITS Analysis	EA
Other meetings with involved agencies	EA
Progress Meetings	EA
Phase Reviews	EA
Field Reviews	EA

**3.5. List of Project Manager Meetings**

- Notes:
1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.
  2. Do not double count agency meetings between permitting agencies.
  3. Project manager meetings are calculated in each discipline sheet and brought forward to column D except for Photogrammetry.

### Project Activity 4: Roadway Analysis

Estimator:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10

2003514

Item No.	Task	Unit	No. of Units	Hours/Unit	Total Hours	Comments
4.1	Typical Section Package	LS	1	4	4	Modifications per final configuration.
4.2	Pavement Design Package	LS	1			
4.3	Access Management	LS	1			
4.4	Horizontal/Vertical Master Design Files	LS	1	60	60	Additional modifications to tie-in points per final accepted design.
4.5	Cross Section Design Files	LS	1	40	40	Modifications to cross sections based of final modificatons.
4.6	Traffic Control Analysis	LS	1			
4.7	Master TCP Design Files	LS	1			
4.8	Design Variations and Exceptions	LS	1			
4.9	Design Report	LS	1			
4.10	Computation Book & Quantities	LS	1	36	36	Updating to latest design.
4.11	Cost Estimate	LS	1	4	4	
4.12	Technical Special Provisions	LS	1			
4.13	Other Roadway Analysis	LS	1	12	12	Existing Silver Beach Frontage road
<b>Roadway Analysis Technical Subtotal</b>					<b>156</b>	
4.14	Field Reviews	LS	1	36	36	3 reviews x 4 hours x 3 people
4.15	Technical Meetings	LS	1	12	12	2 additional meetings x 3 hours each x 2 people
4.16	Quality Assurance/Quality Control	LS	%			
4.17	Independent Peer Review	LS	%			
4.18	Supervision	LS	%			
<b>Roadway Analysis Nontechnical Subtotal</b>					<b>48</b>	

Exhibit "A" - Page 8 of 36

Project Activity 4: Roadway Analysis

Task ID	Task	Unit	Base Unit	Hours	Total Hours	Comments
4.19	Coordination	LS	%			
4. Roadway Analysis Total					204	

Technical Meetings

Typical Section	EA
Pavement	EA
Access Management	EA
15% Line and Grade	EA
Driveways	EA
Local Governments (cities, counties, MPO)	EA
Work Zone Traffic Control	EA
30/60/90/100% Comment Review Meeting:	EA
Other Meetings	EA

Progress Meetings

Progress Meetings (if required by FDOT)	EA
Phase Review Meetings	EA

Field Review Meetings

Carries to 4.15

Note: Project Manager attendance at progress, phase and field review meetings are manually entered on General Task :

Exhibit "A" - Page 9 of 36



### Project Activity 5: Roadway Plans

Estimator:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10

2003514

Task No.	Task	Scale	Units	No. of Units	Hours/Unit	No. of Sheets	Total Hours	Comments
5.1	Key Sheet		Sheet	1	2	1	2	
5.2	Summary of Pay Items Including Quantity Input		Sheet	1	12	1	12	
5.3	Drainage Map		Sheet	3	6	3	18	
5.4	Interchange Drainage Map		Sheet					
5.5	Typical Section Sheets		Sheet					
5.6	General Notes/Pay Item Notes		Sheet	1	6	1	6	Update to latest.
5.7	Summary of Quantities		Sheet	1	16	1	16	Modify per changes.
5.8	Box Culvert Data Sheet		Sheet					
5.9	Bridge Hydraulics Recommendation Sheets		Sheet					
5.10	Summary of Drainage Structures		Sheet	1	15	1	15	
5.11	Optional Pipe/Culvert Material		Sheet					
5.12	Project Layout		Sheet					
5.13	Plan/Profile Sheet		Sheet	10	8	10	80	Modifications to latest plan and profiles.
5.14	Profile Sheet		Sheet					
5.15	Plan Sheet		Sheet	3	2	3	6	Existing Silver Beach frontage Road
5.16	Special Profile		Sheet					
5.17	Back of Sidewalk Profile Sheet		Sheet					
5.18	Interchange Layout Sheet		Sheet					
5.19	Ramp Terminal Details (Plan View)		Sheet					
5.20	Intersection Layout Details		LS	1	12	1	12	Roundabout and Old Dixie/Ave. P.

Exhibit "A" - Page 10 of 36

### Project Activity 5: Roadway Plans

Task No.	Task	Scale	Units	No. of Units	Hours/Unit	No. of Sheets	Total Hours	Comments
5.21	Miscellaneous Detail Sheets		Sheet					
5.22	Drainage Structure Sheet (Per Structure)		EA					
5.23	Miscellaneous Drainage Detail Sheets		Sheet					
5.24	Lateral Ditch Plan/Profile		Sheet					
5.25	Lateral Ditch Cross Sections		EA					
5.26	Retention/Detention Ponds Detail Sheet		Sheet	1	30	1	30	
5.27	Retention Pond Cross Sections		EA	10	2		20	
5.28	Cross-Section Pattern Sheet		Sheet					
5.29	Roadway Soil Survey Sheet		Sheet					
5.30	Cross Sections		EA	60	0.2		12	Includes Old Dixie.
5.31	Traffic Control Plan Sheets		Sheet					
5.32	Traffic Control Cross Section Sheets		EA					
5.33	Traffic Control Detail Sheets		Sheet					
5.34	Utility Adjustment Sheets		Sheet					
5.35	Selective Clearing and Grubbing		Sheet					
5.36	Erosion Control Plan		Sheet					
5.37	SWPPP		Sheet					
5.38	Project Control Network Sheet		Sheet					
5.39	Environmental Detail Sheets		LS					
5.40	Utility Verification Sheet (SUE Data)		Sheet					
Roadway Plans Technical Subtotal						23	229	

Exhibit "A" - Page 11 of 36

**Project Activity 5: Roadway Plans**

Task No.	Task	Scale	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
5.41	Quality Assurance/Quality Control		LS	%				
5.42	Supervision		LS	%				
5. Roadway Plans Total						25	225	

### Project Activity 6: Drainage Analysis

Estimator:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10

2003514

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6.1	Determine Base Clearance Water Elevation	Per Location				
6.2	Pond Siting Analysis and Report	Per Basin				
6.3	Design of Cross Drains	EA	2	4	8	
6.4	Design of Roadway Ditches	LS	1	20	20	
6.5	Design of Outfalls	EA	4	10	40	Due to modifications to pond layouts
6.6	Design of Stormwater Management Facility (Offsite Pond)	LS	1	20	20	
6.7	Design of Stormwater Management Facility (Roadside Ditch as Linear Pond or Infield Pond)	Per System	1	40	40	Modifications to pond.
6.8	Design of Flood Plain Compensation Area	Per Encroachment				
6.9	Design of Storm Drains	EA	10	4	40	Structures to be modified per drainage modifications.
6.10	Optional Culvert Material	LS				
6.11	Analysis/Design of Drainage	Per 1000 Feet of French Drain	1	12	12	Existing Silver Beach Frontage Road
6.12	Drainage Wells	EA				
6.13	Drainage Design Documentation Report	LS	1	40	40	
6.14	Bridge Hydraulic Report	EA				
6.15	Temporary Drainage Analysis	LS				
6.16	Cost Estimate	LS				
6.17	Technical Special Provisions	LS				

Exhibit "A" - Page 13 of 36

Project Activity 6: Drainage Analysis

Task No.	Task	Units	No. of Units	Hours/Unit	Total Hours	Comments
6.18	Other Drainage Analysis	LS	1			
Drainage Analysis Technical Subtotal					220	
6.19	Field Reviews	LS				
6.20	Technical Meetings	LS	1	24	24	Meetings with Permitting agencies (3 meetings x 4 hours x 2 people)
6.21	Quality Assurance/Quality Control	LS	%			
6.22	Independent Peer Review	LS	%			
6.23	Supervision	LS	%			
Drainage Analysis Nontechnical Subtotal					24	
6.24	Coordination	LS	%			
6. Drainage Analysis Total					244	

Technical Meetings

Base Clearance Water Elevation	EA
Pond Siting	EA
Agency	EA
Local Governments (cities, counties)	EA
FDOT Drainage	EA
Other Meetings	EA

Progress Meetings

Progress Meetings (if required by FDOT)	EA
Phase Review Meetings	EA

Footnotes

Carries to 6.20

Exhibit "A" - Page 14 of 36

**Project Activity 6: Drainage Analysis**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
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Note: Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

### Project Activity 7: Utilities

Estimator:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10

2003514

Task No.	Task	Units	No of Units	Hours/Unit	Total Hours	Comments
7.1	Kickoff Meeting	LS	1			
7.2	Identify Existing UAO(s)	LS	1			
7.3	Make Utility Contacts	LS	1			
7.4	Exception Coordination	LS	1			
7.5	Preliminary Utility Meeting	LS	1			
7.6	Individual/Field Meetings	LS	1			
7.7	Collect and Review Plans and Data from UAO(s)	LS	1	12	12	To update with most recent information.
7.8	Subordination of Easements Coordination	LS	1			
7.9	Utility Meeting	LS	1	12	12	3 meetings @ 4 hours/each
7.10	Review Utility Markups and Work Schedules, and Processing of Schedules and Agreements	LS	1	24	24	To update with most recent information.
7.11	Utility Coordination/Followup	LS	1	10	10	To update with most recent information.
7.12	Utility Constructability Review	LS	1			
7.13	Additional Utility Services	LS	1			
7.14	Processing Utility Work by Highway Contractor (UWHC)	LS	1			
7.15	Contract Plans to UAO(s)	LS	1			
7.16	Certification/Close-Out	LS	1			
7.17	Other Utilities	LS	1			
Utilities Total				50		

Exhibit "A" - Page 16 of 36

**Project Activity 7: Utilities**

**Technical Meetings**

Kickoff	EA
Preliminary Meeting	EA
Individual UAO Meetings	EA
Field Meetings	EA
Design Meeting	EA
Other Meetings	EA

**Construction Meetings**



**Project Activity 19: Signing and Pavement Marking Analysis**

Estimator:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10  
2003514

Task No.	Task	Units	No. of Units	Hours/Unit	Total Hours	Comments
19.1	Traffic Data Analysis	LS	1			
19.2	No Passing Zone Study	LS	1			
19.3	Reference and Master Design File	LS	1	40	40	Modify final design per latest modifications.
19.4	Multi-Post Sign Support Calculations	EA				
19.5	Sign Panel Design Analysis	EA				
19.6	Sign Lighting/Electrical Calculations	EA	1			
19.7	Quantities	LS	1	2	2	
19.8	Computation Book	LS	1	2	2	
19.9	Cost Estimate	LS	1	2	2	
19.10	Technical Special Provisions	LS	1			
19.11	Other Signing and Pavement Marking	LS	1			
Signing and Pavement Marking Analysis Technical Subtotal					46	
19.12	Field Reviews	LS	1	6	6	1 x 2 people x 3 hours for remaining field reviews.
19.13	Technical Meetings	LS	1			
19.14	Quality Assurance/Quality Control	LS	%			
19.15	Independent Peer Review	LS	%			
19.16	Supervision	LS	%			
Signing and Pavement Marking Analysis Nontechnical Subtotal					1	
19.17	Coordination	LS	%			
19. Signing and Pavement Marking Analysis Total					47	

Exhibit "A" - Page 18 of 36

**Project Activity 19: Signing and Pavement Marking Analysis**

**General Meetings**

Sign Panel Design	EA
Queue Length Analysis	EA
Local Governments (cities, counties)	EA
Other Meetings	EA

**Subcontractor Meetings**

Progress Meetings	EA
Phase Review Meetings	EA

**Other Meetings**

Carries to 19.13

**Note: Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3**

Exhibit "A" - Page 19 of 36

## Project Activity 20: Signing and Pavement Marking Plans

Estimator:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10

2003514

Task No.	Task	Scale	Unit	No. of Units	Hours/Unit	No. of Sheets	Total Hours	Comments
20.1	Key Sheet		Sheet	1	2	1	2	
20.2	Summary of Pay Items Including CES Input		LS	1				
20.3	Tabulation of Quantities		Sheet	1	12	1	12	Revise and update latest quantities
20.4	General Notes/Pay Item Notes		Sheet	1	4	1	4	
20.5	Project Layout		Sheet					
20.6	Plan Sheet		Sheet	10	2	10	20	To update labeling per latest design modifications.
20.7	Typical Details		EA					
20.8	Guide Sign Worksheet(s)		EA					
20.9	Traffic Monitoring Site		EA					
20.10	Cross Sections		EA					
20.11	Special Service Point Details		EA					
20.12	Special Details		LS	1				
20.13	Interim Standards		LS	1				
Signing and Pavement Marking Plans Technical Subtotal						13	38	
20.14	Quality Assurance/Quality Control		LS	%				
20.15	Supervision		LS	%				
20. Signing and Pavement Marking Plans Total						13	38	

Exhibit "A" - Page 20 of 36

### Project Activity 21: Signalization Analysis

Estimator:

Silver Beach Rd from Congress Avenue to Old Dixie Hwy Supplement No. 10

2003514

Task No.	Task	Unit	No. of Units	Hours/Unit	Total Hours	Comments
21.1	Traffic Data Collection	LS	1			
21.2	Traffic Data Analysis	PI	1			
21.3	Signal Warrant Study	LS	1			
21.4	System Timings	LS	1			
21.5	Reference and Master Signalization Design File	PI	1	20	20	Updates for latest field conditions.
21.6	Reference and Master Interconnect Communication Design File	LS	1			
21.7	Overhead Street Name Sign Design	EA				
21.8	Pole Elevation Analysis	LS	1	2	2	
21.9	Traffic Signal Operation Report	LS	1			
21.10	Quantities	LS	1			
21.11	Cost Estimate	LS	1			
21.12	Technical Special Provisions	LS	1			
21.13	Other Signalization Analysis	LS	1			
<b>Signalization Analysis Technical Subtotal</b>					<b>22</b>	
21.14	Field Reviews	LS	1	12	12	2 review x 3 hours x 2 people
21.15	Technical Meetings	LS	1	20	20	2 additional meetings x 2 people x 5 hours with PBC and utilities
21.16	Quality Assurance/Quality Control	LS	%			
21.17	Independent Peer Review	LS	%			
21.18	Supervision	LS	%			

Exhibit "A" - Page 21 of 36

**Project Activity 21: Signalization Analysis**

Task No.	Task	Units	No. of Units	Hours/Unit	Total Hours	Comments
Signalization Analysis Non-technical Subtotal					52	
21.19	Coordination	LS	%			
21. Signalization Analysis Total					54	

**Technical Meetings**

FDOT Traffic Operations	EA
FDOT Traffic Design	EA
Power Company (service point coordination)	EA
Maintaining Agency (cities, counties)	EA
Railroads	EA
Other Meetings	EA

**Subtotal Technical Meetings**

Progress Meetings	EA
Phase Review Meetings	EA

**Carries to 21.15**

**Note:** Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

Exhibit "A" - Page 22 of 36



**SCOPE OF SERVICES**

for

**ECOLOGICAL CONSULTING SERVICES**

**Silver Beach Road**  
**Supplemental Services**  
0.85± miles in Section 20, Township 42 South, Range 43 East  
Palm Beach County, Florida

*prepared for:*

**Metric Engineering, Inc.**  
**13940 SW 136th Street, Suite 200**  
**Miami, Florida 33186**

7 April 2011  
L&A No. 2002-265.00  
Doc. \2002-265-SOS-07D11.wpd



Scope of Services  
Silver Beach Road  
Supplemental Services

L&A No. 2002-265.00  
Doc: \2002-265-SOS-07D11.wpd

7 April 2011

Page 1

This Scope of Services sets forth the terms under which **Lotspeich and Associates, Inc.** (the Consultant) will provide ecological consulting services to **Metric Engineering, Inc.** (the Client).

**RE: Silver Beach Road  
Supplemental Services  
0.85± miles in Section 20, Township 42 South, Range 43 East  
Palm Beach County, Florida**

## 1.0 SCOPE OF SERVICES

The following scope of services is designed to provide the necessary biological support data in order to represent the Client's interest with governmental agencies with statutory authority regulating land use in the State of Florida, and provide ecological consulting services needed for compliance with the potential permitting requirements of the U.S. Army Corps of Engineers (Corps), the South Florida Water Management District (District), the U.S. Fish and Wildlife Service (Service), the Florida Fish and Wildlife Conservation Commission (FWC), and Palm Beach County using existing rules, regulations, and policies as of the date of initiation of this scope of services.

This scope of services is applicable to the area related to the proposed change in the alignment, and is defined by the tasks outlined below.

### 1.1 Threatened and Endangered Species Assessment and Report

- 1.1.1 Research existing published literature and available documents pertinent to the subject project site.
- 1.1.2 Review existing databases from the Service and the FWC for the presence of federal and state listed plant and animal species, and request a database search from the FWC for the presence of a Southern Bald Eagle nest on site or within a one (1) mile radius of the project area.
- 1.1.3 Conduct one site assessment to evaluate the presence of threatened and endangered species, species of special concern, critical habitat, and natural communities.
- 1.1.4 Prepare a Threatened and Endangered Species Assessment Report outlining the findings of the on-site field investigation. Included will be a brief discussion of the existing site conditions, a summary of those regulatory agencies with potential jurisdiction over portions of the site, and any opportunities and/or constraints posed by the presence of threatened and endangered species or species of special concern.
- 1.1.5 Coordination/meetings with the Client and/or Project Team (limited to four (4) staff hours).



## 2.0 ADDITIONAL SERVICES

The following additional services may be provided at the Client's request and authorization. Additional services are not covered under the limiting fee for this Scope of Services. Upon written authorization, these services shall be provided by the Consultant and billed to the Client in accordance with the current year's Fee Schedule:

- 2.1 Field flag the landward extent of wetlands within the subject parcel that are potentially within the jurisdiction of governmental agencies with statutory permitting authority following the 2008 Interim Supplement to the Corps of Engineers Wetlands Delineation Manual (1987) and the Unified Wetland Delineation Methodology for the State of Florida dated 1 July 1994.
- 2.2 Request and conduct site reviews with the appropriate agencies for verification of the extent of jurisdictional limits.
- 2.3 Coordination/meetings with Client, Project Team, and/or Agency personnel in excess of that described in Task 1.1.5.
- 2.4 Conduct quantitative population surveys for any on-site protected plant and/or animal species.
- 2.5 Research mitigation options and the associated costs for any wetland impacts or on-site protected plant and/or animal species.
- 2.6 Develop and/or implement mitigation plans for any wetland impacts or on-site protected plant and/or animal species.
- 2.7 Assist in the preparation of permit documents.

## 3.0 LIMITING ASSUMPTIONS

The following assumptions outline the limits of defined tasks as required of the Consultant to provide the requested ecological consulting services for the **Silver Beach Road** project.

- 3.1 The landward extent of jurisdictional wetlands within the project site will not be field flagged by the Consultant under this supplemental authorization.
- 3.2 Services in addition to or in excess of tasks and hours identified in Section 1.0 will be considered additional services and will require a modification to the contract.
- 3.3 If governmental regulations change during the course of this project such that additional site reviews are requested by the governmental agency, any such required modifications or additional site reviews will be submitted as an additional cost. If changes are requested by the governmental agencies or the Client which are not a result of consultant error or omission, these services will be submitted as an additional cost. It is assumed that no physical changes will occur to the property during the time frame of this study.





Scope of Services  
**Silver Beach Road**  
**Supplemental Services**

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7 April 2011

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- 3.4 Modifications to the final work products performed at the request of the Client that are not the result of the Consultant's errors or omissions shall be billed to the Client as additional services in accordance with the current year's Fee Schedule.
- 3.5 No subsurface, soil, water, or hazardous materials investigations are included within the scope of this project.
- 3.6 Preparation of specific management plans for federal and state listed plant and animal species in accordance with established guidelines is not included in this Scope of Services.
- 3.7 The preliminary threatened and endangered species assessment conducted on behalf of Client will be conducted following all applicable federal, state, and local regulations. Reasonable scientific judgement and all practicable information available to Consultant will be utilized. However, unless reviewed and approved by the applicable governmental agencies, any information submitted to the Client should be considered preliminary and subject to agency verification.
- 3.8 The Consultant assumes no responsibility for work performed by others or for terms or agreements not specifically described herein. Our agreement is to provide the services described herein in a thorough, competent, and professional manner and cannot in any manner be construed by the Client as a guarantee or warranty of assurance that the results obtained and the reports and data provided will result in approval by any agency, administrative board, or governmental unit of the proposed activities to be undertaken by the Client.
- 3.9 The parties deem the work to be done as the performance of services of a landscape architect or engineer within the meaning and intent of the Florida Statute 713.03.
- 3.10 The Consultant shall not be considered in default of this agreement for delays in performance caused by circumstances beyond the reasonable control of the non-performing party. For purposes of this agreement, such circumstances include, but are not limited to, abnormal weather conditions; floods, earthquakes, fire, epidemics; war, riots, and other civil disturbances; strikes, lockouts, work slowdowns, and other labor disturbances; sabotage; judicial restraint; and inability to procure permits, appointments, licenses, or authorizations from any local, state, or federal agency for any of the supplies, materials, accesses, or services required to be provided by the Consultant under this agreement.  
  
Should such circumstances occur, the non-performing party shall, within a reasonable time of being prevented from performing, give written notice to the other party, describing the circumstances preventing continued performance and the efforts being made to resume performance of this Scope of Services.
- 3.11 The services will be performed on behalf of and solely for the exclusive use of the Client and its successors or assigns.



**Exhibit "A" - Page 27 of 36**

**Scope of Services  
Silver Beach Road  
Supplemental Services**

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- 3.12 The services performed by the Consultant shall be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the environmental consulting profession in the same locale and acting under similar circumstances and conditions. Except as set forth herein, the Consultant makes no other representation, guarantee, or warranty, expressed or implied, in fact or by law, whether of merchantability, fitness for any particular purpose or otherwise, concerning any of the services that may be furnished by the Consultant to the Client.
- 3.13 This Scope of Services is based on existing rules, regulations, and policies in force on the date of this agreement.

LOTSPEICH AND ASSOCIATES, INC.

2711 W Fairbanks Ave  
Winter Park, Florida 32789

L&A Project No: 2002-265.00

revised 9/13/2011

L&A File Name: 2002-265-Suppl 0-SumFee-07DI 1-r 3111.xls

PROJECT DESCRIPTION  
PRIME CONSULTANT

Silver Beach Road - Supplemental No 10  
Metric Engineering, Inc

SUMMARY FEE SHEET

Task	Description	Quality Control		Project Manager		Senior Env Specialist		Project Env Specialist		Drafting / Graphics		Sr Project Coordinator		Clerical/Technical Admin		TOTAL	
		Rate/Hr	\$34.45	Rate/Hr	\$33.23	Rate/Hr	\$33.23	Rate/Hr	\$24.31	Rate/Hr	\$20.60	Rate/Hr	\$24.31	Rate/Hr	\$15.77	Manhrs by Act	Salary Cost by Act
		Man Hrs	Cost by Pos & Act	Man Hrs	Cost by Pos & Act	Man Hrs	Cost by Pos & Act	Man Hrs	Cost by Pos & Act	Man Hrs	Cost by Pos & Act	Man Hrs	Cost by Pos & Act	Man Hrs	Cost by Pos & Act		
1.1	T&E Assessment/Report																
1.1.1	Research Existing Published Literature	0	\$0.00	2	\$66.46	0	\$0.00	0	\$0.00	2	\$41.20	1	\$24.31	0	\$0.00	5	\$131.97
1.1.2	T&E Database Searches	0	\$0.00	0	\$0.00	1	\$33.23	0	\$0.00	1	\$20.60	2	\$48.62	0	\$0.00	4	\$102.45
1.1.3	T&E Site Assessment	0	\$0.00	0	\$0.00	12	\$398.76	12	\$291.72	0	\$0.00	0	\$0.00	0	\$0.00	24	\$690.48
1.1.4	Prepare T&E Species Report	2	\$68.90	0	\$0.00	6	\$199.38	2	\$48.62	4	\$82.40	2	\$48.62	0	\$0.00	16	\$447.92
1.1.5	Coordination w/Project Team	0	\$0.00	4	\$132.92	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	4	\$132.92
Total																	
Man																	
Hrs	Total Salary [(MHxHR)]	2	\$68.90	6	\$199.38	19	\$631.37	14	\$340.34	7	\$144.20	5	\$121.55	0	\$0.00	53	\$1,505.74
NOTE LA=LIMITING AMOUNT LS=LUMP SUM		TOTAL ACTIVITY SALARY COSTS															\$1,505.74
		(a) OVERHEAD ACTIVITIES															\$2,499.51
		ADMIN GENERAL & FRINGE COMBINED															
		SUBTOTAL															\$4,005.27
		(b) FIXED FEE OPERATING MARGIN															\$400.53
		SUBTOTAL															\$4,405.80
		(c) MISCELLANEOUS OUT-OF-POCKET EXPENSES															\$12.30
		(d) FACILITIES CAPITAL COST OF MONEY															\$0.00
		TOTAL - LUMP SUM AMOUNT															\$4,418.10

**LOTSPEICH AND ASSOCIATES, INC.**  
 2711 W. Fairbanks Ave.  
 Winter Park, Florida 32789

**L&A Project No: 2002-265.00**

*revised 9/13/2011*

L&A File Name: 2002-265-Supp10-SumFee-07D11-r13111.xls

**Silver Beach Road - Supplemental No 10**  
 Palm Beach County

**RATES FOR MISCELLANEOUS & REIMBURSABLE EXPENSES**

<u>Description</u>	<u>Quantity</u>	<u>Rates</u>	<u>Total</u>
<b>Reproduction:</b>			
Mylars	0	\$7.80	\$0.00
Blue-line Prints	0	\$0.78	\$0.00
Film			
Kodak Film/200 Speed/24 Exposure	0	\$4.89	\$0.00
Film Processing/24 Exposure Roll	0	\$7.98	\$0.00
Copies	40	\$0.07	\$2.80
Color Copies (8.5 x 11)	10	\$0.95	\$9.50
<b>Mileage:</b>	0	\$0.510	\$0.00
<b>Telephone/Fax:</b> Per Month	0	\$10.00	\$0.00
<b>Postage:</b> Per Month	0	\$10.00	\$0.00
			<u>\$12.30</u>

L&A will direct cost the expenses requested herein by assigning a unique project number to each approved expense related to this project as is the policy for all projects.



Exhibit "A" - Page 30 of 36

April 12, 2011

Metric Engineering, Inc.  
13940 SW 136<sup>th</sup> Street, Suite 200  
Miami, FL 33186

Attn: Mr. Frank Panellas, PE

**Re: Proposal for Additional Geotechnical Services  
Proposed Silver Beach Road From East of Congress Avenue to Old Dixie Highway  
Palm Beach County, Florida  
TSF Proposal No.: 1104-133**

Dear Frank:

As requested, TIERRA SOUTH FLORIDA, INC. (TSF) is pleased to submit this proposal for the above-referenced project. The proposal is based on a revised alignment of the proposed roadway. This proposal includes an outline of our proposed scope of work, an estimate of the total fees, and our anticipated schedule for completion of the work.

#### **PROPOSED SCOPE OF WORK**

All work performed by TSF will be in general accordance with Palm Beach County and FDOT standards. The proposed alignment has been shifted to the north from Station 112+00 to Station 130+00, for a length of about 1800 linear feet. We propose to drill a total 19 auger borings to a depth 6 feet.

Boring locations will be approximately located in the field by our personnel by measuring distances with a tape from known reference points. Elevations at boring locations can be interpreted from topographic plans if furnished by others.

Prior to drilling at the project site, TSF will notify the local utility companies and request that underground utilities be marked. Our experience, however, is that the utility companies will not mark privately owned utilities. Our proposal assumes that private utility lines will be located in the field by others prior to mobilization of the drill rig.

Upon completion of the field exploration, laboratory testing will be performed on selected samples. The study will be summarized in accordance with the FDOT's Soil and Foundation Manual.

A geotechnical engineer will evaluate the results of all drilling and laboratory testing. A report will be issued that contains the exploration data, a discussion of the site and subsurface conditions, percolation test results, recommendations for pavement design and a discussion of some construction considerations.

#### **ESTIMATED FEES**

It is proposed that the fee for the performance of the services outlined above be determined on a unit price basis in accordance with the attached Fee Schedule and that the work be performed pursuant to TSF's General Conditions enclosed herewith and incorporated into this proposal. The estimated fees for the project are attached.

Our estimate covers the work needed to present our findings and recommendations in a formal report. Not included are reviews of drawings, preparation of construction specifications, special conferences and any other work requested after submittal of our report.

#### **SCHEDULE AND AUTHORIZATION**

TSF will proceed with the work after receipt of a signed copy of this proposal. With our present schedule, we can commence work within several days of project approval (weather permitting and permit approval). The fieldwork will take about one week to complete. The written report can be submitted about one week after completion of the field exploration, depending on the extent of the laboratory-testing program. Verbal preliminary recommendations can be made to appropriate parties prior to submittal of the written report.

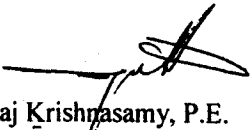
Metric Engineering, Inc.  
TSF Proposal No. 1104-133

3

We at TSF appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you should have any questions concerning our proposal, please contact our office.

Respectfully submitted,

**TIERRA SOUTH FLORIDA, INC.**

  
Raj Krishnasamy, P.E.  
Principal Geotechnical Engineer/ President

Attachments: 1. Fee Estimate

AUTHORIZED BY:	INVOICE TO:
Name:	Firm:
Title:	Name:
Date:	Address:

TIERRA SOUTH FLORIDA, INC.  
ROADWAY

	Unit	# of Units	Unit Price		Total
<b>I. FIELD INVESTIGATION</b>					
Mobilization of Men and Equipment Truck-Mounted Equipment	Trip	1	\$	350.00	\$ 350.00
SPT Borings 0 - 50 ft depth	L.F.	0	\$	12.00	\$ 0.00
Grout Boreholes 0 - 50 ft depth	L.F.	0	\$	5.50	\$ 0.00
Casing Allowance 0 - 50 ft depth	L.F.	0	\$	7.00	\$ 0.00
Percolation Test	Test	0	\$	275.00	\$ 0.00
Roadway Auger Borings	L.F.	114	\$	9.00	\$ 1,026.00
Pavement Cores	Each	0	\$	85.00	\$ 0.00
Generator Rental	Day	0	\$	150.00	\$ 0.00
Pavement Evaluation	Hour	0	\$	100.00	\$ 0.00
Traffic Control (1-man crew with safety equipments)	Day	0	\$	1200.00	\$ 0.00
<b>II. LABORATORY TESTING</b>					
Visual Examination by Staff Engineer	Hour	2	\$	85.00	\$ 170.00
Natural Moisture Content Tests	Test	2	\$	10.00	\$ 20.00
Grain-Size Analysis - Full Gradation	Test	2	\$	60.00	\$ 120.00
Grain-Size Analysis - Single Sieve	Test	0	\$	30.00	\$ 0.00
Organic Content Tests	Test	2	\$	45.00	\$ 90.00
LBR	Test	2	\$	300.00	\$ 600.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	\$	185.00	\$ 0.00
<b>III. FIELD ENGINEERING AND TECHNICAL SERVICES</b>					
Site Recon./Utility Coordination Sr. Engineering Technician	Hour	6	\$	65.00	\$ 390.00
<b>IIIA. ENGINEERING AND TECHNICAL SERVICES</b>					
Pavement Evaluation Report	LS	0	\$	1000.00	\$ 0.00
Principal Engineer	Hour	1	\$	145.00	\$ 145.00
Senior Geotechnical Engineer	Hour	4	\$	125.00	\$ 500.00



TIERRA SOUTH FLORIDA, INC.  
ROADWAY

	Unit	# of Units	Unit Price		Total
Project Engineer	Hour	8	\$	115.00	✓ 920.00
Draftperson	Hour	4	\$	60.00	✓ 240.00
TOTAL FEE FOR GEOTECHNICAL SERVICES-Roadway				\$	✓ 4,571.00



October 31, 2011

Mr. Frank Panellas, P.E.  
Metric Engineering, Inc.  
13940 S.W. 136<sup>th</sup> Street, Suite 200  
Miami, FL 33186

**Re: Silver Beach Road from Congress Avenue to Avenue K  
Wetlands and Additional Survey in the Area of New Proposed Pond Site**

Dear Mr. Panellas:

Thank you for the opportunity to provide you with the following services for the subject site. This proposal is based on documentation and information provided by your office and on the survey previously prepared by this office. The scope of services is as follows:

#### SCOPE OF SERVICES

##### I. WETLANDS

We will locate the wetland boundaries as flagged and labeled in the field by others. We will produce a survey drawing which will show the location of each point in relation to the boundary lines, and proposed roadway alignment.

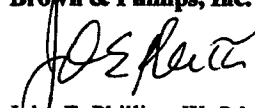
##### II. CONTINGENCY TIME

We will provide miscellaneous surveying services as requested.

##### III. CLOSURE

A drawing will be produced which will show all the features located. We propose to provide Metric Engineering, Inc. with a Microstation file of the survey obtained. Any additional work will be done on an hourly basis as approved by you. The proposed cost for this project is **\$2,498.00** (\$1,390.00 for Wetlands Survey and \$1,108.00 for Contingency Time). See Attachment 'A' for an hourly breakdown. Please do not hesitate to call me with any questions you might have regarding this proposal. We look forward to working with you on this project.

**Brown & Phillips, Inc.**

  
John E. Phillips, III, P.L.S.  
President

JEP/mb

This Proposal accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2011,

By: \_\_\_\_\_  
Metric Engineering

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_



**ATTACHMENT 'A'**  
**Silver Beach Road from Congress Avenue to Avenue K**

Type of Survey: Wetlands Survey

Size:

Date: October 31, 2011

TASK	2 MAN CREW	CADD TECH	SURVEY TECH	P.L.S.	COMMENTS
Horizontal Positioning of Control	4		2	1	Set traverse points - recover control
Wetlands	3		0.5		Locate wetlands
Drawing		3	1.5	1	Prepare survey
Total Hours:	7	3	4	2	
Rate/Hour	✓ \$98.00	✓ \$66.00	✓ \$70.00	✓ \$113.00	
Subtotal:	✓ \$686.00	✓ \$198.00	✓ \$280.00	✓ \$226.00	
Total Labor Cost:					\$1,190.00

**Contingency Time**

TASK	2 MAN CREW	CADD TECH	SURVEY TECH	P.L.S.	COMMENTS
Locations	5		1		As needed
Drawing		5	1.5	1	Cad file / drawing
Total Hours:	5	5	2.5	1	
Rate/Hour	✓ \$98.00	✓ \$66.00	✓ \$70.00	✓ \$113.00	
Subtotal:	✓ \$490.00	✓ \$330.00	✓ \$175.00	✓ \$113.00	
Total Labor Cost:					\$1,108.00

**TOTAL PRICE:**

✓ **\$2,498.00**

## EXHIBIT “B”

**CERTIFICATION STATEMENTS**

**Project:** Silver Beach Road from E. of Congress Avenue to Old Dixie Highway

**Project No.:** 2003514

**Consultant/Annual Consultant:** Metric Engineering, Inc.

**TRUTH-IN-NEGOTIATION STATEMENT**

By entering into this Agreement, the **CONSULTANT/ANNUAL CONSULTANT** certifies that the wage rates and costs used to determine the lump sum fees contained in herein are accurate, complete and current as of the date of this Agreement.

The said lump sum fees shall be adjusted to exclude any significant sums should the **COUNTY** determine that the lump sum fees were increased due to inaccurate, incomplete or non-current wage rates or due to inaccurate representations of fees paid to outside consultants.

The **COUNTY** shall exercise its right under this "Certificate" within one year following final payment.

**PROHIBITION AGAINST CONTINGENT FEES STATEMENT**

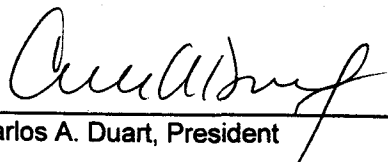
By entering into this Agreement the **CONSULTANT/ANNUAL CONSULTANT** warrants that they have not employed or retained any company or person other than a bonafide employee working solely for the **CONSULTANT/ANNUAL CONSULTANT** to solicit or secure this Agreement and that they have not paid or agreed to pay any person, company, corporation, individual or firm other than a bonafide employee working solely for the **CONSULTANT/ANNUAL CONSULTANT**, any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award of making of this agreement.

**PUBLIC ENTITY CRIMES STATEMENT**

As provided in F.S. 287.132-133, by entering this Agreement or performing any work in furtherance hereof, the **CONSULTANT/ANNUAL CONSULTANT** certifies that it, its affiliates, suppliers, sub-contractors and consultants who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the 36 months immediately preceding the date hereof. This notice is required by F.S. 287.133 (3) (a).

**NON-DISCRIMINATION STATEMENT**

The **CONSULTANT/ANNUAL CONSULTANT** warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status sexual orientation, gender identity and expression.

  
\_\_\_\_\_  
Carlos A. Duarte, President

**CONFLICT OF INTEREST DISCLOSURE FORM**

**Project:** Silver Beach Road from E. of Congress Avenue to Old Dixie Highway  
**Project No.:** 2003514

CONSULTANT/ANNUAL CONSULTANT represents that it presently has no interest, either direct or indirect, which would or could conflict in any manner with the performance of services for the County, except as follows:

(No known conflicts)  
\_\_\_\_\_  
\_\_\_\_\_

(Attach additional sheets as needed.)

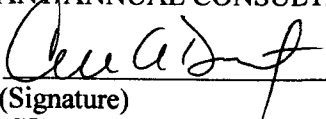
CONSULTANT/ANNUAL CONSULTANT further represents that no person having any interest shall be employed for said performance. By signing below, CONSULTANT/ANNUAL CONSULTANT certifies that the information contained herein is true and correct and constitutes all current potential conflicts of interest which may influence or appear to influence CONSULTANT'S/ANNUAL CONSULTANT'S judgment or quality of services being provided to the County.

CONSULTANT/ANNUAL CONSULTANT shall promptly notify the COUNTY in writing by certified mail of all potential conflicts of interest that may arise in the future through any prospective business association, interest or other circumstance which may influence or appear to influence CONSULTANT'S/ANNUAL CONSULTANT'S judgment or quality of services being provided to the County. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that CONSULTANT/ANNUAL CONSULTANT may undertake and request an opinion of the COUNTY as to whether the association, interest or circumstance would, in the opinion of the COUNTY, constitute an unacceptable conflict of interest if entered into by the CONSULTANT/ANNUAL CONSULTANT.

If, in the sole opinion of the COUNTY, the prospective business association, interest or circumstance of CONSULTANT/ANNUAL CONSULTANT would constitute an unacceptable conflict of interest to the COUNTY, the COUNTY shall so state in the notification and the CONSULTANT/ANNUAL CONSULTANT shall not enter into said association, interest or circumstance.

**THIS DISCLOSURE** is submitted by Carlos A. Duarte, as  
(Name of Individual)  
President, of Metric Engineering, Inc.  
(Title/Position) (Firm Name of CONSULTANT/ANNUAL CONSULTANT)

who hereby certifies that the information stated above is true and correct. Further, it is hereby acknowledged that any misrepresentation by the CONSULTANT/ANNUAL CONSULTANT on this Disclosure is considered an unethical business practice and is grounds for sanctions against future County business with the CONSULTANT/ANNUAL CONSULTANT.

 11/14/2011  
(Signature) (Date)

## EXHIBIT “C”

**PARTICIPATION FOR MWBE/SBE CONSULTANTS**

**Supplement Number 10 Date**

**Project Name:** Silver Beach Rd. - E. of Congress Ave. to Old Dixie Hwy.

**Project Number:** 2003514S

**Prime Vendor:** Metric Engineering, Inc.

**Resolution Number:**

**Telephone:** (561) 640-1306

**Resolution Date:**

**Contact:** Ross Shillingford, P.E.

**Department:** Engineering & Public Works

**Total Supplement Amount \$111,450.96**

Minority Sub-Consultant	Type of Work Performed		Contract Dollar Amount for Sub-Consultant					Pct
			Black	Hispanic	Women	Other	White Male	
Brown & Phillips, Inc. 1860 OLD OKEECHOBEE ROAD, SU WEST PALM BEACH, FL 33409 (561) 615-3988	Surveyor	MWBE	0.00	0.00	0.00	0.00		0.0%
		SBE	2,498.00	0.00	0.00	0.00	0.00	2.2%
Lotspeich and Associates, Inc. 2711 W FAIRBANKS AVE WINTER PARK, FL 32789 (407) 740-8482	Environmental	MWBE	0.00	0.00	4,418.10	0.00		4.0%
		SBE	0.00	0.00	0.00	0.00	0.00	0.0%
Tierra South Florida, Inc. 2765 VISTA PKY STE 10 WEST PALM BEACH, FL 33411 (561) 687-8536	Geotechnical	MWBE	0.00	0.00	0.00	0.00		0.0%
		SBE	0.00	0.00	0.00	4,571.00	0.00	4.1%
Total MWBE			0.00	0.00	4,418.10	0.00		4.0%
Percentage			0.00%	0.00%	3.96%	0.00%		
Total SBE			2,498.00	0.00	0.00	4,571.00	0.00	6.3%
Percentage			2.24%	0.00%	0.00%	4.10%	0.00%	



# SCHEDULE 1

## LIST OF PROPOSED SBE-M/WBE PRIME AND/OR SUBCONTRACTOR PARTICIPATION

PROJECT NAME OR BID NAME: Silver Beach Rd.-E. of Congress Ave. to Old Dixie Hwy. PROJECT NO. OR BID NO.: 2003514  
 NAME OF PRIME BIDDER: Metric Engineering, Inc. ADDRESS: 13940 SW 136 Street, Suite 200, Miami, FL 33186  
 CONTACT PERSON: Carlos A. Duart PHONE NO.: (305) 235-5098 FAX NO.: (305) 251-5894  
 BID OPENING DATE: \_\_\_\_\_ USER DEPARTMENT: \_\_\_\_\_

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE -M/WBE SUBCONTRACTORS ON THIS PROJECT. IF THE PRIME IS AN SBE-M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT.

Name, Address and Phone Number	(Check one or both Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	M/WBE Minority Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. Tierra South Florida, Inc. 2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411 (561) 687-8539	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					4.10%
2. Lotspeich and Associates, Inc. 2711 West Fairbanks Avenue Winter Park, FL 32789-3314 (407) 740-8482	<input checked="" type="checkbox"/>	<input type="checkbox"/>			3.96%		
3. Brown & Phillips, Inc. 901 Northpoint Parkway, Suite 119 West Palm Beach, FL 33407 (561) 615-3988	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2.24%				
4.	<input type="checkbox"/>	<input type="checkbox"/>					
5.	<input type="checkbox"/>	<input type="checkbox"/>					
(Please use additional sheets if necessary)							
Total			2.24%		3.96%		4.10%
Total Bid Price \$ <u>111,450.96</u>			Total SBE-M/WBE Participation Dollar Amount or Percentage of Work <u>10.31%</u>				

Exhibit "C" - Page 2 of 2

- Note:
1. The amount listed on this form for a subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal in order to be counted toward goal attainment.
  2. Firms may be certified by Palm Beach County as an SBE and/or and M/WBE. If firms are certified as both an SBE and N/WBE, please indicate the dollar amount or percentage under the appropriate category.
  3. M/WBE information is being collected for tracking purposes only.

Revised 03/15/2011

## **EXHIBIT “D”**

## Exhibit "D" - Page 1 of 3

PROJECT NUMBER: 2003514 PROJECT NAME: Silver Beach Road from E. of Congress Avenue to Old Dixie Highway

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Black X Hispanic \_\_\_\_\_ Women \_\_\_\_\_ Caucasian \_\_\_\_\_ Other (Please Specify) \_\_\_\_\_

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

at the following price or percentage \$2,498.00 (2.24%)  
(Subcontractor's quote)

**If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.**

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

**Brown & Phillips, Inc.**  
 \_\_\_\_\_  
 Print name of SBE-M/WBE Subcontractor  
 \_\_\_\_\_  
 By: John E. Phillips III  
 \_\_\_\_\_  
 Signature  
 \_\_\_\_\_  
 John E. Phillips, III, President  
 \_\_\_\_\_  
 Print name/title of person executing on behalf  
 of SBE/M/WBE Subcontractor  
 \_\_\_\_\_

Date: November 15, 2011

OSBA SCHEDULE 2  
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR

Exhibit "D" - Page 2 of 3

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor is SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: 2003514 PROJECT NAME: Silver Beach Road from E. of Congress Avenue to Old Dixie Highway

TO: Metric Engineering, Inc.  
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise \_\_\_\_\_ Minority Business Enterprise X

Black \_\_\_\_\_ Hispanic \_\_\_\_\_ Women X Caucasian \_\_\_\_\_ Other (Please Specify) \_\_\_\_\_

Date of Palm Beach County Certification: \_\_\_\_\_

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No. Item Description	Qty/Units	Unit Price	Total Price/ Percentage
<u>1.1</u> <u>Threatened and Endangered Species</u>	<u>1</u>	<u>\$4,418.10</u>	<u>100%</u>
<u>Assessment and Report</u>			

at the following price or percentage 3.96%  
(Subcontractor's quote)

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

Price and/or Percentage 0% / N/A  
(Name of Subcontractor)

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Metric Engineering, Inc.  
Print name of Prime Contractor  
By: Carlos A. Duarte  
Signature  
Carlos A. Duarte, President  
Print name/title of person executing on behalf  
Prime Contractor

Lotspeich and Associates, Inc.  
Print name of SBE-M/WBE Subcontractor  
By: Valerie D. McDonald  
Signature  
Valerie D. McDonald, Accounting Manager  
Print name/title of person executing on behalf  
of SBE/M/WBE Subcontractor

OSBA SCHEDULE 2  
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor is SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: 2003514 PROJECT NAME: Silver Beach Road from E. of Congress Avenue to Old Dixie Highway

TO: Metric Engineering, Inc.  
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise X Minority Business Enterprise X

Black      Hispanic      Women      Caucasian      Other (Please Specify) X

Date of Palm Beach County Certification: 2/4/09 - 2/3/2012

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No. Item Description	Qty/Units	Unit Price	Total Price/ Percentage
<u>Field Investigation</u>	<u>          </u>	<u>          </u>	<u>\$1376.00</u>
<u>Laboratory Testing</u>	<u>          </u>	<u>          </u>	<u>\$1000.00</u>
<u>Field Engineering &amp; Technical Services</u>	<u>          </u>	<u>          </u>	<u>\$390.00</u>
<u>Engineering &amp; Technical Services</u>	<u>          </u>	<u>          </u>	<u>\$1805.00</u>
<u>  </u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>  </u>	<u>          </u>	<u>          </u>	<u>          </u>

at the following price or percentage 4.10% \$4,571.00  
(Subcontractor's quote)

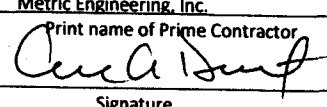
and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

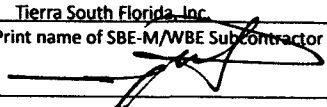
Price and/or Percentage                                    /                                     
(Name of Subcontractor)

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Metric Engineering, Inc.  
Print name of Prime Contractor  
By:   
Signature

Carlos A. Duarte, President  
Print name/title of person executing on behalf  
Prime Contractor

Tierra South Florida, Inc.  
Print name of SBE-M/WBE Subcontractor  
By:   
Signature

Raj Krishnasamy, P.E. / President  
Print name/title of person executing on behalf  
of SBE/M/WBE Subcontractor



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/25/2011

PRODUCER Regions Insurance, Inc. 1465 E. Joyce Blvd., Ste 205 Fayetteville, AR 72703  http://www.regions.com/rig.rf 479-684-5250 479-684-5252	INSURERS AFFORDING COVERAGE INSURER A: National Fire Insurance of Hartford 20478 INSURER B: Charter Oak Fire Insurance Co/Travelers 25615 INSURER C: Travelers Property Casualty Company 25674 INSURER D: Lexington Insurance Co A XV 18437 INSURER E: Transportation Insurance Company 20494
INSURED Metric Engineering, Inc. 13940 SW 136 Street Metric Plaza - Suite 200 Miami FL 33186	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

### COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSR ADD'L LTR ISSR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PROJ <input type="checkbox"/> LOC	4027144841	3/1/2011	3/1/2012	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMPROP AGG	\$ 1,000,000 \$ 100,000 \$ 5,000 \$ 1,000,000 \$ 2,000,000 \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	PB10-5480X631-COF-11	3/1/2011	3/1/2012	COMBINED SINGLE LIMIT (Ea accident)  BODILY INJURY (Per person)  BODILY INJURY (Per accident)  PROPERTY DAMAGE (Per accident)	\$ 1,000,000  \$  \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT  OTHER THAN EA ACC AUTO ONLY AGG	\$ \$ \$
E	EXCESS / UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE  DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$	4029279461	3/1/2011	3/1/2012	EACH OCCURRENCE AGGREGATE	\$ 1,000,000 \$ 1,000,000 \$ \$ \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in HI) If yes, describe under SPECIAL PROVISIONS below Y/N <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PJ-UB-5480X63-1-11	3/1/2011	3/1/2012	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	\$ 1,000,000 \$ 1,000,000 \$ 1,000,000
D	OTHER Professional Liability Claims-Made Form	03142-6218  Full Prior Acts (7/1/76)	3/1/2011	3/1/2012	\$1,000,000 Each Claim \$2,000,000 Policy Aggregate \$100,000 Ea Claim Deductible	
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS Ref: For all projects Metric Engineering has with Palm Beach County Palm Beach County Board of County Commissioners, a Political Subdivision of the State of Florida, its officers, Employees and Agents are named as additional insured on the General & Auto liability						

### CERTIFICATE HOLDER

Palm Beach County Engineering Public Works Rdwy. Production Attn: Jaean Dean 2300 N. Jog Road Third Floor West Palm Beach FL 33411	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE Liam Murphy
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ACORD 25 (2009/01)

CERT NO.: 9630157 CLIENT CODE: METRI-2 No:1 Alice Sence 2/25/2011 5:16:04 PM Page 1 of 2

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