

..Title

US HWY 17-92 CRA – Consider approval of Seminole County’s request for reimbursement of costs associated with professional engineering services, required to survey, conduct environmental, and geotechnical evaluation of the Five Points wetland for stormwater/redevelopment opportunities, in the amount of \$33,000.00. District 4 - Henley (Sonia Fonseca)

..Department

County Manager’s Office

..Division

Economic Development Division

..Authorized By

Tricia Setzer

..Contact/Phone number

Sonia Fonseca - 407-665-7133

..Motion/Options

1. Recommend approval of Seminole County’s request for reimbursement of costs associated with professional engineering services, required to survey, conduct environmental, and geotechnical evaluation of the Five Points wetland for stormwater and/or redevelopment opportunities, in the amount of \$33,000.00; or
2. Deny approval of Seminole County’s request for reimbursement of costs associated with professional engineering services, required to survey, conduct environmental, and geotechnical evaluation of the Five Points wetland for stormwater/redevelopment opportunities, in the amount of \$33,000.00; or
3. Continue to a time and date certain.

.. Background

Seminole County is requesting reimbursement for engineering costs (Pegasus Engineering), to survey and conduct environmental and geotechnical studies of the County property located at US 17-92 and Tropical Drive within the Community Redevelopment Area (a/k/a the Five-Points property).

Seminole County is evaluating the southern border of the site for a connector roadway and pond. The area referenced herein is being studied to determine its suitability for stormwater management or other municipal development.

This project is consistent with the Board’s direction to prioritize stormwater solutions for the Community Redevelopment Area.

The proposed application furthers implementation of the following Goal, Objectives, and Policies of the US-17-92 Corridor Redevelopment Master Plan:

- **Goal:** Promote and provide a cohesive, economically sustainable, and functional built environment throughout the entire US 17-92 corridor.
 - **Objective 2:** Eliminate existing blight and prevent the continued degradation of physical and social environment within the CRA jurisdictional boundary and surrounding community.
 - **Policy 2.1:** Encourage privately-initiated rehabilitation of substandard and unsightly structures, signs, landscape and parking areas through available funding programs. Provide matching grants contingent upon design compliance with Corridor Redevelopment Master Plan redevelopment framework standards and perpetual maintenance agreement.

..TAC Recommendation

The Technical Advisory Committee recommended approval of Seminole County's request for reimbursement of costs associated with professional engineering services, required to survey, conduct environmental, and geotechnical evaluation of the Five Points wetland for stormwater and/or redevelopment opportunities, in the amount of \$33,000.00, at its October 19, 2015 meeting.

..Staff Recommendation

Staff recommends approval of Seminole County's request for reimbursement of costs associated with professional engineering services, required to survey, conduct environmental, and geotechnical evaluation of the Five Points wetland for stormwater and/or redevelopment opportunities, in the amount of \$33,000.00.

.. Attachments

- Grant Application
- Engineer's Proposal
- Aerial Map

Guerra, Natalie

From: Blackadar, Brett <BBlackadar@seminolecountyfl.gov>
Sent: Friday, November 13, 2015 7:47 AM
To: Fonseca, Sonia
Cc: Walter, Robert; Jreij, Jean
Subject: FW: FIVE POINTS ACCESS ROAD | SEMINOLE COUNTY
Attachments: P-129374R2 Five Points Connector Road - Additional Services.pdf

Sonia,

Attached is the work order for the wetland analysis at 5 points we previously discussed. We are processing this through Purchasing now using the 5 points land account (which is General Funds).

Please let us know what we need to do to submit this for CRA funding. Bob Walters is the PM for this project (see his contact information below) and you can coordinate directly with him.

Robert Walter, P.E., CFM

**Capital Improvements Project Manager
Seminole County Professional Engineer
100 East First Street
Sanford, FL 32771**

rwalter@seminolecountyfl.gov

Phone: 407-665-5753
Fax: 407-665-5788

Thanks,

Brett W. Blackadar, P.E., PMP
County Engineer
Seminole County
Department of Public Works
Engineering Division
100 E 1st Street
Sanford, FL 32771
Office 407-665-5651
BBlackadar@seminolecountyfl.gov

From: Walter, Robert
Sent: Thursday, November 12, 2015 8:32 AM
To: Blackadar, Brett <BBlackadar@seminolecountyfl.gov>
Subject: FW: FIVE POINTS ACCESS ROAD | SEMINOLE COUNTY

Brett; I see that you were cc'd on this as well. How do you want to proceed?

Recall last proposal was \$33,979.64,

Survey and geotech reduced their proposals by \$700 and \$500 respectively, totaling about \$1,200 reduction.

From: Fursan Munjed [<mailto:fursan@pegasusengineering.net>]
Sent: Tuesday, November 10, 2015 5:48 PM
To: Walter, Robert <RWalter@seminolecountyfl.gov>
Cc: Blackadar, Brett <BBlackadar@seminolecountyfl.gov>
Subject: RE: FIVE POINTS ACCESS ROAD | SEMINOLE COUNTY

Bob,
Attached is the revised proposal. I spoke with all the sub-consultants in length regarding their fees, and this is the best they can do. Thanks.

Fursan S. Munjed, P.E.
Principal/Project Manager
Pegasus Engineering, LLC
301 West State Road 434, Suite 309
Winter Springs, FL 32708
407.992.9160 - ext. 302
407.358.5155 fax
321.436.1287 cell
fursan@pegasusengineering.net



www.pegasusengineering.net

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From: Walter, Robert [<mailto:RWalter@seminolecountyfl.gov>]
Sent: Thursday, November 05, 2015 3:46 PM
To: Fursan Munjed
Subject: RE: FIVE POINTS ACCESS ROAD | SEMINOLE COUNTY

Fursan, How are you coming with the revised proposal?

Robert Walter, P.E., CFM

Capital Improvements Project Manager
Seminole County Professional Engineer
100 East First Street
Sanford, FL 32771

rwalter@seminolecountyfl.gov

Phone: 407-665-5753
Fax: 407-665-5788

Seminole County

Public Works Department

Engineering Division

From: Fursan Munjed [<mailto:fursan@pegasusengineering.net>]
Sent: Tuesday, October 27, 2015 9:20 AM
To: Walter, Robert <RWalter@seminolecountyfl.gov>
Subject: RE: FIVE POINTS ACCESS ROAD | SEMINOLE COUNTY

Good Morning Robert,
Attached is the revised proposal based on our discussion last week. Thanks and have a great day.

Fursan.

From: Walter, Robert [<mailto:RWalter@seminolecountyfl.gov>]
Sent: Tuesday, October 13, 2015 7:29 AM
To: David Hamstra
Cc: Blackadar, Brett; Fursan Munjed; Juan Fong
Subject: RE: FIVE POINTS ACCESS ROAD | SEMINOLE COUNTY

David, I will get these for you. Let me see what size and format they are in before we decide how to transmit.

Robert Walter, P.E., CFM

Capital Improvements Project Manager
Seminole County Professional Engineer
100 East First Street
Sanford, FL 32771

rwalter@seminolecountyfl.gov

Phone: 407-665-5753
Fax: 407-665-5788

Seminole County

Public Works Department

Engineering Division

From: David Hamstra [<mailto:david@pegasusengineering.net>]
Sent: Monday, October 12, 2015 7:05 PM
To: Walter, Robert <RWalter@seminolecountyfl.gov>
Cc: Blackadar, Brett <BBlackadar@seminolecountyfl.gov>; Fursan Munjed <fursan@pegasusengineering.net>; Juan Fong <juan@pegasusengineering.net>
Subject: FIVE POINTS ACCESS ROAD | SEMINOLE COUNTY

Good Evening Bob,

I trust your weekend went well. Based on our project kick-off meeting last week, we respectfully request the following:

- Shannon Wetzel's project memorandum regarding her detailed assessment of the existing wetland system;
- U.S. Highway 17/92 LiDAR data in the vicinity of Five Points; and
- The preliminary conceptual stormwater master pond by CPH / SAI in the vicinity of Five Points.

Please let me know if we need to provide a flash drive or portable hard drive. Thank you for your assistance!

Respectfully,

David W. Hamstra, P.E., CFM
Principal / Project Manager
Pegasus Engineering, LLC
301 West State Road 434, Suite 309
Winter Springs, FL 32708
407.992.9160, Ext. 309
407.358.5155 fax
407.247.0003 cell
david@pegasusengineering.net



****Florida has a very broad Public Records Law. Virtually all written communications to or from State and Local Officials and employees are public records available to the public and media upon request. Seminole County policy does not differentiate between personal and business emails. E-mail sent on the County system will be considered public and will only be withheld from disclosure if deemed confidential pursuant to State Law.****

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October 12, 2015 (Revised October 27, 2015)(Revised November 10, 2015)

P-129374R2

Mr. Robert Walter, P.E., CFM
Project Manager
Seminole County Public Works Department
Engineering Division
100 East 1st Street
Sanford, Florida 327771

**Re: Proposal for Professional Engineering Services
Five-Points Complex Connector Roadway from Bush Boulevard to US Highway 17-92
Additional Services**

Dear Mr. Walter:

Pegasus Engineering, LLC is pleased to provide this proposal for **Additional Services** for the Five-Points Complex Connector Roadway improvements project. The additional services include survey, geotechnical, and environmental services associated with the entire wetland based on our October 5, 2015 kick-off meeting, and comments per our telephone conversation on October 23, 2015, and November 2, 2015.

BASIC ENGINEERING SERVICES

Following is a list of Basic Services we anticipate, as necessary to accomplish the work required for the above referenced project. This scope and proposal is based on Seminole County Standards.

DESIGN SURVEY SERVICES

See attached proposal from Southeastern Surveying and Mapping Corporation.

GEOTECHNICAL ENGINEERING SERVICES

See attached proposal from PSI.

ENVIRONMENTAL ENGINEERING SERVICES

See attached proposal from Bio-Tech Consulting, Inc.

COMPENSATION

Additional Survey Services	\$7,567.50
Additional Environmental Services	\$4,605.00
<u>Additional Geotechnical Services</u>	<u>\$20,603.39</u>
Total Additional Services	\$32,775.89

See attached proposals from Sub-Consultants

We appreciate the opportunity to provide this proposal and trust that the information provided herein is sufficient for your needs. Pegasus Engineering is prepared to commence work on this assignment.

If you have any questions or require additional information, please contact us.

Very truly yours,

PEGASUS ENGINEERING, LLC



Fursan S. Munjed, P.E.
Principal

Attachments

Steven L. Anderson, Jr., PSM, PLS
 Charles M. Arnett, PSM
 Russell G. Daly, PSM, PLS
 Michael L. Dougherty, PSM
 Bruce C. Ducker, PSM
 James M. Dunn, II, PSM
 Thomas F. Ferguson, PSM
 Ronnie A. Figueroa, PSM, GISP
 Tate B. Flowers, PLS
 Robert W. Gardner, PSM
 Brian R. Garvey, PE, GISP
 Daniel J. Henry, PSM, PLS
 Matthew G. Jennings, RLS
 Gary B. Krick, PSM
 Brad J. Lashley, PSM, PLS
 Myron F. Lucas, PSM
 James E. Mazurak, PSM
 Thomas K. Mead, PSM, PLS



Southeastern Surveying and Mapping Corporation
 Serving the Southeast Since 1972
www.southeasternsurveying.com
info@southeasternsurveying.com

Timothy O. Mosby, PSM
 James L. Petersen, PSM
 Eddie L. Richardson, PSM
 William C. Rowe, PSM
 Tony G. Syfrett, PSM, PLS
 John S. Thomas, PSM
 Edward W. Wackerman, PSM
 Kirk R. Hall, EI, GISP
 Brad A. Stroppel, EI, GISP
 Catherine E. Galgano, GISP
 Cheryl A. Isenberg, GISP
 Brian E. Latchaw, GISP
 Patrick J. Phillips, GISP
 Thomas P. Young, Jr., SIT, GISP
 Donna L. Hendrix, CST IV
 Frank B. Henry, CST IV
 David M. Rentfrow, CST IV
 Celeste B. van Gelder, CST IV

Land Surveying & Mapping Services • Sub-Surface Utility Designation & Location Services • Geographic Information Systems • GPS Asset Inventories

November 09, 2015

VIA EMAIL: fursan@pegasusengineering.net

Mr. Fursan S. Munjed, PE
 Principal/Project Manager
 Pegasus Engineering, LLC
 301 West SR 434, Suite 309
 Winter Springs, FL 32708

**RE: Seminole County – 5 Points Complex Connector Roadway
 Section 14, Township 20 South, Range 30 East, Seminole County, Florida**

Dear Mr. Munjed,

We are pleased to submit our *third revised* proposal for **additional** Surveying Services on the above referenced project.

SCOPE OF WORK:

Provide a Design Topographic Survey and establish the apparent Right-of-Way line relative to same in accordance with Chapter 5J-17 F.A.C. to include the following:

1. Locate all improvements and utilities, as evidenced by above ground features or as marked by the Utility Owners representative.
2. Obtain spot elevations on natural ground and existing improvements suitable for interpolation of one foot contours to be shown on the final drawing.
3. Expand on the previously established right-of-way lines based on a combination of sectional monumentation, existing right-of-way monumentation and a review of parcel descriptions as found on the Seminole County Property Appraisers Site.
4. The 2 site BM's established for the previous Topographic work will be used for this additional work.
5. The additional Topographic coverage will be limited to the area outlined in **purple** on the aerial print provided by Pegasus Engineering, LLC via email on 10/06/2015.
6. Locate wetlands line as flagged by clients Environmental Consultant.
7. Locate soil borings as established by the clients Geotechnical Consultant. (**assume 28 locations**)
8. Prepare a description and sketch for the new pond.

The final product will be two (2) certified prints and an electronic file for your use.

6500 All American Blvd Orlando, FL 32810 407.292.8580 407.292.0141 Fax	1130 Highway 90 Chipley, FL 32428 850.638.0790 850.638.8069 Fax	Cypress Business Center 8301 Cypress Plaza Drive, Suite 104 Jacksonville, FL 32256 904.737.5990 904.737.5995 Fax	119 West Main Street Tavares, FL 32778 352.343.4880 352.343.4914 Fax	10 East Lake Street Kissimmee, FL 34744 407.944.4880 407.944.0424 Fax	University Corporate Park 10770 North 46th Street Suite C-300 Tampa, FL 33617 813.898.2711 813.898.2712 Fax
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Page 2
Mr. Fursan S. Munjed, PE
Seminole County – 5-Points Complex Connector Roadway
November 09, 2015

Our fee for the above referenced work is outlined on the attached fee schedule.

We anticipate completion of the above described work within **two (2) weeks** after receipt of a written notice to proceed.

Payment is expected within thirty (30) days from date of invoice.

We look forward to the opportunity to work with you on this project.

Sincerely,



Gary B. Krick, P.S.M.
President/Project Manager

GBK:gac

If the above scope, period of service and method of compensation meets with your approval, please execute below and fax to Southeastern Surveying and Mapping Corporation as notice to proceed along with the notice of commencement.

ACCEPTED BY:

_____/_____
Principal / or Corporate Officer TITLE Printed Name Date



FEE QUOTATION PROPOSAL

Date: November 9, 2015

Project Name: 5 Points Complex Connector Roadway (Purple)

Contract: Seminole County

Name of Firm: Southeastern Surveying and Mapping Corporation

ACTIVITY	PROJECT MANAGER			SURVEYOR & MAPPER			SR SURVEY TECHNICIAN			CAD TECHNICIAN			2 MAN SURVEY CREW			3 MAN SURVEY CREW		
	Man Hrs	Hrly Rate	Fee	Man Hrs	Hrly Rate	Fee	Man Hrs	Hrly Rate	Fee	Man Hrs	Hrly Rate	Fee	Man Hrs	Hrly Rate	Fee	Man Hrs	Hrly Rate	Fee
		\$115.00	\$ -		\$115.00	\$ -		\$ 85.00	\$ -		\$ 75.00	\$ -		\$115.00	\$ -		\$145.00	\$ -
Right-of-Way	1	\$115.00	\$ 115.00	1	\$115.00	\$ 115.00	1	\$ 85.00	\$ 85.00	1	\$ 75.00	\$ 75.00		\$115.00	\$ -		\$145.00	\$ -
Horizontal Control	0.25	\$115.00	\$ 28.75	0.25	\$115.00	\$ 28.75	0.5	\$ 85.00	\$ 42.50		\$ 75.00	\$ -	2	\$115.00	\$ 230.00		\$145.00	\$ -
Vertical Control	0.25	\$115.00	\$ 28.75	0.25	\$115.00	\$ 28.75	0.5	\$ 85.00	\$ 42.50		\$ 75.00	\$ -	1	\$115.00	\$ 115.00		\$145.00	\$ -
Topographic Survey	1	\$115.00	\$ 115.00	2	\$115.00	\$ 230.00	4	\$ 85.00	\$ 340.00	16	\$ 75.00	\$ 1,200.00	32	\$115.00	\$ 3,680.00		\$145.00	\$ -
Wetlands Flags	0.25	\$115.00	\$ 28.75		\$115.00	\$ -		\$ 85.00	\$ -		\$ 75.00	\$ -	2	\$115.00	\$ 230.00		\$145.00	\$ -
Geotechnical Support		\$115.00	\$ -		\$115.00	\$ -		\$ 85.00	\$ -		\$ 75.00	\$ -	3	\$115.00	\$ 345.00		\$145.00	\$ -
Description/Sketch	0.25	\$115.00	\$ 28.75	1	\$115.00	\$ 115.00	2	\$ 85.00	\$ 170.00	2	\$ 75.00	\$ 150.00		\$115.00	\$ -		\$145.00	\$ -
		\$115.00	\$ -		\$115.00	\$ -		\$ 85.00	\$ -		\$ 75.00	\$ -		\$115.00	\$ -		\$145.00	\$ -
Hours Totals	3			4.5			8			19			40			0		

LUMP SUM FEE BREAKDOWN

PROJECT MANAGER	\$ 345.00
SURVEYOR & MAPPER	\$ 517.50
SR SURVEY TECHNICIAN	\$ 680.00
CAD TECHNICIAN	\$ 1,425.00
2 MAN SURVEY CREW	\$ 4,600.00
3 MAN SURVEY CREW	\$ -

LUMP SUM FEE TOTAL

\$ 7,567.50

October 9, 2015
Updated November 9, 2015

Pegasus Engineering, LLC
301 West State Road 434
Suite 309
Winter Springs, Florida 32708

Attention: Mr. Fursan S. Munjed, P.E.
Principal/Project Manager

RE: Proposal
Preliminary Geotechnical Engineering Services
US 17-92 and Tropic Park Drive
Sanford, Seminole County, Florida
PSI Proposal No. 0757-164187R

Dear Mr. Munjed:

Pursuant to your request, Professional Service Industries, Inc. (PSI) is pleased to submit the following proposal for performance of a preliminary subsurface exploration program at the site of the referenced project. Presented herein is our scope of services, schedule to complete the services and cost estimate for our services. This proposal has been updated with revised fees.

Project Information

The site is located north of the intersection of US 17-92 and Tropic Park Drive in Sanford, Seminole County, Florida. The site is bordered to the north by municipal buildings, to the west by a shallow drainage area and Bush Boulevard, to the south by a shallow drainage area and to the east by a paved parking area and US 17-92. Based on a review of aerial imagery from Google Earth Pro and a site visit, the area is heavily wooded with standing water present. The SCS Soil Survey maps the area as Canova and Terra Ceia Muck (Soil Type 12).

We understand Seminole County plans to use an area on the southern border of the site for a roadway and pond. PSI previously provided a proposal for geotechnical services related to that portion of the project. The area referenced in this proposal may be developed later for stormwater management or for other developments such as commercial or municipal facilities.

If any of the noted project information is incorrect or has changed, PSI should be notified so our scope of services can be amended as appropriate.

Scope of Geotechnical Services

The purpose of this exploration is to obtain information on the shallow subsurface soil and groundwater conditions in the wooded area. The subsurface conditions encountered will then be evaluated with respect to the available project characteristics. In this regard, a preliminary/due diligence geotechnical engineering evaluation for the subject site will be provided. This will include estimating the range of depths of highly organic soils (muck). The following services will be provided in order to achieve the preceding objectives:

1. As requested, we will perform eight auger borings to a depth of 25 to 30 feet below the existing ground or water surface (whichever is higher) in the wooded area. Due to the anticipated conditions at the site, a metal-tracked amphibious drill rig will be used to perform the borings. In the borings, samples will be obtained at each change in stratum. The borings will be located in the field using a hand-held GPS device.

We will also perform a series of muck probes in areas that can be readily accessed on foot.

It will be necessary to perform clearing of foliage and small trees along the access routes to provide access for our personnel and equipment.

2. Visually classify and stratify representative soil samples in the laboratory using the AASHTO classification system. Conduct a limited laboratory testing program to aid in classification of soils. Identify soil conditions at each boring location and form an opinion of the site soil stratigraphy.
3. Record the depth to groundwater level or the depth from the surface of the water to the soil surface, as applicable.
4. The results of the field exploration and laboratory tests will be used in the engineering analysis and in the formulation of our geotechnical recommendations. The results of the subsurface exploration, including the recommendations and the data on which they are based, will be presented in a written report.

Schedule

We are in a position to start work on the assignment upon receipt of authorization to proceed. The first task will be to complete a utility clearance of the site through Sunshine State One Call of Florida which typically takes about three business days. The fieldwork, laboratory services and report preparation will take on the order of 4 weeks to complete or slightly longer following written authorization to proceed.

Service Fee

It is proposed the fee for performance of the above-outlined services be determined on a unit-rate basis in accordance with our attached Schedule of Services and Fees, and the work be performed pursuant to our General Conditions. Copies of our Schedule of Services and Fees ~~and General Conditions~~ are enclosed herewith and incorporated by reference into this proposal. On the basis of the estimated quantities and the noted scope of services, the fee for our services will be **\$20,603.39**.

We appreciate the opportunity to offer our services to your project and look forward to working with you. If this proposal is acceptable, please sign below as notice to proceed and return one (1) copy of this proposal intact to our office. Should you have any questions in regard to this proposal, please do not hesitate to contact this office.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.
Certificate of Authorization No. 3684



Jonathan K. Thrasher, P.E.
Project Engineer



Robert A. Trompke, P.E.
Principal Consultant/Department Manager

0757-164187 (US 17-92 Preliminary Evaluation).doc

Attachment

- Schedules of Services and Fees
- ~~General Conditions~~

AGREED TO THIS _____ DAY OF _____, _____

BY (Please Print): _____

TITLE: _____

COMPANY: _____

SIGNATURE: _____



SCHEDULE OF SERVICES AND FEES
Geotechnical Engineering Services
US 17-92 and Tropic Park Drive
Sanford, Seminole County, Florida

<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Rate</u>	<u>Total Cost</u>
<u>I. FIELD INVESTIGATION</u>				
A. Mobilization of Men & Amphibious Equipment	1	Trip	\$ 5,500.00	\$ 5,500.00
B. Utility Coordination/Boring Layout/Field Supervision	24	Hours	60.55	1,453.20
C. Auger Borings	240	L.F.	15.50	3,720.00
D. Muck Probing	2	Days	900.00	1,800.00
E. Clearing and Access	16	Hours	330.00	5,280.00
	Subtotal Field Investigation			\$17,753.20
<u>II. LABORATORY TESTING</u>				
A. Senior Engineering Technician	2	Hours	\$ 60.55	\$ 121.10
B. -200 Sieve Analyses	8	Each	40.00	320.00
C. Natural Moisture Content	8	Each	15.00	120.00
D. Organic Content	8	Each	40.00	320.00
	Subtotal Laboratory Testing			\$ 881.10
<u>III. ENGINEERING SERVICES</u>				
A. Principal Engineer	3	Hours	\$ 198.49	\$ 595.47
B. Project Engineer	10	Hours	114.11	1,141.10
C. CAD Drafting	2	Hours	67.21	134.42
D. Clerical	2	Hours	49.05	98.10
	Subtotal Engineering Services			\$ 1,969.09
	TOTAL ALL SERVICES			\$20,603.39



October 8, 2015

Fursan Munjed, P.E.
Pegasus Engineering, LLC
301 West State Road 434, Suite 309
Winter Springs, Florida 32708

**Proj: 5-Points Complex Connector Roadway – Additional Lands
Seminole County, Florida
Parcel ID Nos.: 15-20-30-300-0440-0000; 14-20-30-300-0140-0000
(portions of the above parcels)**
**Re: Proposal for Environmental Services – Environmental Permitting
(BTC Proposal No. 15-787)**

Dear Mr. Munjed:

Bio-Tech Consulting, Inc. (BTC) is pleased to provide this proposal for environmental services associated with the 5-Points Complex Connector Roadway project.

Should you have any questions or require any additional information, please do not hesitate to contact this office at (407) 894-5969 or toll free at (877) 894-5969. Thank you.

Regards,

Stephen Butler
Project Manager

Attachments

Orlando Office
2002 East Robinson St.
Orlando, FL 32803

Vero Beach Office
4445 N. A1A
Suite 221
Vero Beach, FL 32963

Jacksonville Office
2036 Forbes St.
Jacksonville, FL 32204

Tampa Office
6011 Benjamin Rd.
Suite 101 B
Tampa, FL 33634

Key West Office
1107 Key Plaza
Suite 259
Key West, FL 33040

**Aquatic & Land
Management Operations**
3825 Rouse Rd.
Orlando, FL 32817

Native Plant Nursery
DCC Farms
8580 Bunkhouse Rd.
Orlando, FL 32832

407.894.5969
877.894.5969
407.894.5970 fax

**PROPOSAL FOR ENVIRONMENTAL SERVICES
5-POINTS COMPLEX CONNECTOR ROADWAY – ADDITIONAL LANDS
ENVIRONMENTAL PERMITTING
BTC Proposal No. 15-787**

1. **ENVIRONMENTAL ASSESSMENT (10-13)**
Conduct a detailed wetland delineation of the subject parcel. The delineation will utilize methods approved by the State of Florida. This task will also include a detailed on-site vegetative analysis. A wildlife survey across the site and adjacent to the site will also be conducted to assemble necessary information for submittal to the pertinent agencies. Once all field work has been completed, an environmental assessment report detailing the results of our initial work will be prepared. This report will address wetland and wildlife regulations pertaining to the property and will also provide a synopsis of the development constraints, mitigation costs and required permitting which should be expected with the site development. *It should be noted that one (1) Environmental Assessment will be provided that will incorporate the original tract plus the subject additional lands.*
TASK COST: \$800.00

2. **UMAM ANALYSIS (10-04)**
Conduct a detailed UMAM evaluation of the on-site wetlands. This evaluation will be needed for the wetland impact/mitigation negotiations during the permitting process with the agencies.
TASK COST: \$400.00

6. **LOCAL GOVERNMENT PERMITTING (31-10)**
Prepare pertinent environmental documents to assist with approval from Seminole County. This task includes site descriptions, wetland impacts, wildlife reports, etc...
TASK COST: \$400.00

7. **LOCAL GOVERNMENT RAI's (31-09)**
Prepare responses to Requests for Additional Information (RAI's) from Seminole County as it relates to information provided in support of local government approval.
**TASK COST: Hourly per Schedule
Not to Exceed \$800.00**

8. **SJRWMD – WETLAND LINE REVIEW (20-06)**
Meet on-site with the SJRWMD in order to review the wetland lines within the project site.
TASK COST: \$200.00/meeting

INITIAL:  (BTC)



9. **SJRWMD – ERP RAI RESPONSE (20-09)**
Respond to any requests for additional information sent out by the SJRWMD regarding the ERP.
TASK COST: Hourly per Schedule
Not to Exceed \$600.00
10. **ACOE – WETLAND LINE REVIEW (26-02)**
Meet on-site with the ACOE in order to approve the wetland lines within the project site.
TASK COST: \$200.00/meeting
11. **ACOE – DREDGE & FILL RAI RESPONSE (26-04)**
Respond to any requests for additional information sent out by the ACOE regarding the Dredge & Fill Permit applications.
TASK COST: Hourly per Time & Materials Schedule
Not to Exceed \$600.00
12. **GENERAL PROJECT COORDINATION (45-00)**
This task will include numerous phone calls, correspondence, meetings, etc...
TASK COST: Hourly per Schedule
Not to Exceed \$605.00

Bio-Tech Consulting, Inc.
Time & Materials Schedule

Expert Witness	\$185.00/Hour
President, John Miklos	\$155.00/Hour
Vice President/Directors	\$120.00/Hour
Project Manager	\$110.00/Hour
Wildlife Specialist	\$100.00/Hour
Field Biologist	\$95.00/Hour
Field Technician	\$85.00/Hour
GIS	\$85.00/Hour
Administrative	\$45.00/Hour
Materials Cost	Cost + 12%

The client will only be billed for the tasks and/or hours completed. Fees and all other charges will be billed monthly or as the work progresses and the net amount shall be due at the time of invoicing. Any Time and Materials work is based on the above rates and any actual costs incurred. Any work requested outside of this Proposal for Services described above would require either an additional contract or authorization for Time and Materials

INITIAL:  (BTC)



SINCERELY,



**John Miklos, President
Bio-Tech Consulting, Inc.**

05-29-2015

Date

INITIAL:  (BTC)





Legend

-  5-Points Complex Connector Roadway_Additional Lands
-  5-Points Complex Connector Roadway

ATTACHMENT "A"

**FINAL DESIGN
MANHOUR & FEE ESTIMATE**

Project Name: Seminole County Five-Points Complex Connector Roadway - Additional Lands
Description: Environmental Permitting Services
Prepared By: Stephen Butler **Date:** 10/8/2015

Proposal No.

No./Activity	Project Manager		Wildlife Specialist		Field Biologist		Field Technician		TOTAL		
	Man Hours	Hourly Rate	Man Hours	Hourly Rate	Man Hours	Hourly Rate	Man Hours	Hourly Rate	Manhours By Activity	Salary Cost For Activity	Average Hourly Rate
Environmental Services	18	\$110.00	7	\$100.00	14	\$95.00	7	\$85.00	46	\$4,605.00	\$100.11
TOTALS	18		7		14		7		46	\$4,605.00	\$100.11
TOTAL CONTRACT FEE COMPUTATION											
Salary Cost										\$4,605.00	
(a) Direct Reimbursables											
TOTAL AMOUNT										\$4,605.00	

