

RESOLUTION NO. 2020 - 383

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO ISSUE AND EXECUTE TASK ORDER NO: 06 TO JONES EDMUNDS & ASSOCIATES, INC. UNDER RFQ NO: 20-21 (MASTER CONTRACT NO: 20-MCC-JON-11984) FOR DESIGN, PERMITTING, AND CONSTRUCTION PHASE SERVICES FOR THE SANTA ROSA DRAINAGE PROJECT PHASE II.

RECITALS

WHEREAS, On June 15, 2020, the County entered into a task order based continuing services contract with Jones Edmunds & Associates, Inc., and;

WHEREAS, the SJC Disaster Recovery, Public Works, & Engineering Departments require assistance with performing design, permitting, and construction phase services; and;

WHEREAS, the scope of services will be including but not limited to providing: project management, meetings, communications, data collection, drainage improvements plans (hydrologic & hydraulic modeling, conceptual design), design (75% plans, 90% plans, final design submittal), permitting, bid-phase services, and construction phase services, in accordance with Task Order No. 06; and

WHEREAS, the County has reviewed the terms, provisions, conditions and requirements of the proposed task order (attached hereto, an incorporated herein) and find that executing the task order to complete the services serves a public purpose; and

WHEREAS, the task order will be in substantial conformance with the attached draft.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as finds of fact.

Section 2. The County Administrator, or designee, is hereby authorized to issue a task order to Jones Edmunds & Associates, Inc. to provide the services set forth therein.

Section 3. The County Administrator, or designee, is further authorized to execute the task order in substantially the same form and format as the attached draft on behalf of the County to provide the scope of services as specifically provided in Task Order No: 6.

Section 4. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 6th day of October, 2020.

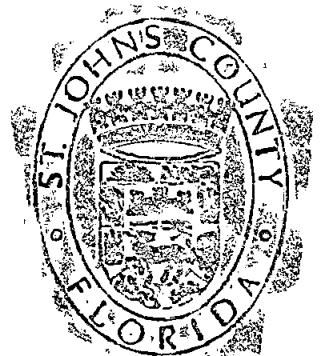
BOARD OF COUNTY COMMISSIONERS OF
ST. JOHNS COUNTY, FLORIDA

By: Jeb S. Smith
Jeb S. Smith, Chair

ATTEST: Brandon J. Patty,
CLERK OF CIRCUIT COURT & COMPTROLLER

By: Pam Halterman
Deputy Clerk

RENDITION DATE 10/8/20





St. Johns County Board of County Commissioners

Purchasing Division

CONTRACT TASK ORDER NO: 06

RFQ No: 20-21; Professional Engineering Services for
Three (3) CDBG-DR Transportation & Drainage Projects
Master Contract No: 20-MCC-JON-11984

Consultant: Jones Edmunds & Associates, Inc.
730 NE Waldo Road
Gainesville, FL 32641

Date: October 6, 2020

Project: Santa Rosa Drainage Improvements Phase II – Design, Permitting, and Construction
Phase Services

SCOPE OF WORK:

Task Order #06 is hereby issued to authorize Jones Edmunds & Associates, Inc. ("Consultant"), to provide the Santa Rosa drainage and conveyance improvements for two project sub-areas north and south of SR16 which include the following tasks; project management, meetings, and communications; data collection; drainage improvement plans – 75% design submittal, 90% design submittal, final design submittal; permitting; bid phase services; and construction phase services; as provided in the Consultant's proposal dated August 25, 2020 incorporated herein and attached hereto.

PAYMENT TERMS:

The County shall compensate the Consultant, under Task Order #06, an amount not to exceed five hundred eighty-seven thousand five hundred five dollars (\$587,505.00), for work satisfactorily completed in accordance with the provisions of this task order, and with the Master Contract dated June 15, 2020.

SCHEDULE:

The Consultant shall commence work upon receipt of a fully executed Task Order. The Effective Date of this Task Order shall be the date of signature by an authorized St. Johns County Representative. **Work shall be completed by or before August 31, 2022.** Any work performed prior to the full execution of this Task Order shall be at the Consultant's Own Risk.

Receipt of a fully executed copy of this Task Order #06 shall serve as Notice to Proceed for this project.

Jones Edmunds & Associates, Inc.

Representative
Signature: _____

Printed Name
& Title: _____

Date: _____

St. Johns County, Florida

Representative
Signature: _____

Printed Name Leigh A. Daniels, CPPB,
& Title: Purchasing Manager

Date: _____

All terms and conditions of the above-referenced contract dated June 15, 2020 remain in full force and effect. All invoices must reference Task Order #06. By approving this task order, the SJC Dept is certifying the availability of funds for this. Do not approve/process this task order until funds are available in the appropriate line item.

August 25, 2020

Valerie Pacetti
Project Manager
St. Johns County Engineering Division
2750 Industry Center Road
St. Augustine, Florida 32084

RE: Santa Rosa CDBG-DR Transportation & Drainage Projects
Scope of Services – Phase II Design and Permitting
Contract No. 20-MCC-JON-11984
Jones Edmunds Opportunity No.: 95242-390-19

Dear Ms. Pacetti:

Jones Edmunds appreciates the opportunity to assist St. Johns County in addressing drainage issues in the Santa Rosa area of St. Augustine. The project areas flooded during Hurricane Matthew, including extensive flooding in the neighborhoods west of Lewis Speedway and Masters Drive. The County obtained a CDBG-DR Grant from DEO to study, design and construct drainage improvements in these areas.

We anticipate that the Santa Rosa drainage and conveyance improvements will have two project sub-areas north and south of SR 16.

The sub area north of SR 16 is bounded to the east by Lewis Speedway, the north by Sebastian Middle School and the west by Varella Avenue. Surface flow is mainly from west to east with a collection system along Covino Avenue that drains through the Lewis Speedway storm sewer discharging into the San Sabastian River. The existing collection system is insufficient for flood protection. Runoff from a portion of Estrada Avenue and Murillo Avenue is collected and discharges south under SR 16. Storm pipe sizes in this area will be evaluated. The remainder of Estrada Avenue lacks any collection system and experiences flooding. The following summarizes the proposed improvements:

- Extend a storm water collection system west on Covino Avenue; replace the existing pipe system with a 24" storm sewer pipe and add additional structures as necessary to capture runoff into the storm sewer system.
- Upgrade outfall pipe system from Covino Avenue several hundred feet along Lewis Speedway to a new outfall location adjacent to the FDOT flood plain compensation area with a 36" storm sewer pipe..
- Add a stormwater collection system on Estrada Avenue.

- Replace the existing collection system on Murillo Avenue to connect to the 36" storm pipe crossing SR 16.
- Extend storm water collection systems on Estrada Avenue and Murillo Avenue to capture runoff.

The sub area south of SR 16 is bounded to the east by Masters Drive, the south by Cervantes Avenue and to the west by Usina Street. Flooding occurs in multiple locations with the most severe cases in low areas along St. George Avenue, Abbey Avenue and Barcelona Avenue that do not have adequate drainage connection to an outfall system and are over ½ mile from the closest outfall. Multiple other locations along El Rey Avenue, Menecal Avenue, and Cervantes Avenue show signs of local flooding and require improvement of exiting collection systems. The box culvert under Masters Drive will require expansion. The following summarizes the proposed improvements:

- Provide a positive outfall system for disconnected low areas along St. George Avenue, Abbey Avenue and Barcelona Avenue by adding cross drains.
- Provide local collection system improvements along El Rey Avenue and Menecal Avenue for positive drainage connections.
- Provide double 42" storm sewer pipes on Cervantes Avenue.
- Provide new outfall pipe and double 54" headwall at SR 16.
- Upgrade outfall cross drain box culvert under Masters Drive to an equivalent triple 3'x7' box culvert.

This scope of work is for the preliminary design, final design, permitting, bidding, and services during construction for the Santa Rosa projects. The goal is to design and construct improvements to reduce flooding in future storm events.

Jones Edmunds' services will consist of:

- Obtain a topographical and boundary (as needed) survey of the project areas.
- Obtain geotechnical data to facilitate the project design.
- Obtain subsurface utility engineering (soft digs) to facilitate the project design.
- Identify and locate any wetlands within the project area.
- Perform Hydrologic & Hydraulic (H&H) modeling to confirm the project benefits.
- Prepare any additional drainage calculations as needed.
- Coordinate with the County for easements required for the project.
- Coordinate with public and private utilities for necessary relocations.
- Prepare Construction Drawings and Specifications.
- Submit permit applications to the Regulatory Agencies. We anticipate submitting permit applications to the following agencies St. Johns River Water Management District

(SJRWMD), Florida Department of Transportation (FDOT) and US Army Corps of Engineers (USACE).

- Perform Bid-Phase Services.
- Perform Services During Construction.

SCOPE OF WORK

1.1 TASK 1 – PROJECT MANAGEMENT, MEETINGS, AND COMMUNICATION

Jones Edmunds and Osiris 9 will attend a kick-off meeting with the County. The County and much of the State are under restricted meeting and travel requirements. Meetings may need to occur remotely via web conference. The kick-off meeting will address the following items:

- Identify the team roles and responsibilities for Jones Edmunds and the County.
- Establish the project schedule.
- Develop a coordination plan.
- Discuss design alternatives.
- Determine the key factors of success for the project.

Jones Edmunds will communicate with the County via telephone, email, and written correspondence on a regular and ongoing basis. The task includes up to five (5) meetings with the County to discuss the project. Additional meetings and communications include the following:

- Status Reporting: Weekly status updating to include a Plan of Action and Milestones (POA&M).
- Attend up to two public presentations and meetings associated with the project; along with County staff, and the County's designated CDBG-DR program workgroup.
- Executive level meeting once a month to maintain executive level engagement and support (up to 12 meetings).

Jones Edmunds also anticipates general CDBG related grant administration efforts to support the County Engineering Project Manager and/or Administration Disaster Recovery Project Manager.

1.2 TASK 2 – DATA COLLECTION

Jones Edmunds will self-perform the following data collection services:

- Wetland delineation and flagging for survey.
- Seasonal-High-Water Table elevation determination and flagging for survey.

Jones Edmunds will subcontract for the following data collection services:

- Topographic and boundary survey.
- Geotechnical exploration.
- Subsurface Utility Engineering (SUE soft digs).

This task will include a site visit to meet, and ongoing coordination, with our subconsultants performing the data collection.

1.3 TASK 3 – DRAINAGE IMPROVEMENT PLANS

1.3.1 75% DESIGN SUBMITTAL

Based on previous discussions with the County a preferred design alternative has been selected from which Osiris 9 Consulting will develop 75% Plans.

Design criteria for the project will follow St. Johns County requirements and the requirements of Florida Department of Transportation's (FDOT) *Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways* (commonly referred to as the *Florida Greenbook*). We expect the Plans to include the following sheets:

- Key Sheet
- Legend, Index, and Abbreviations
- General Notes
- Project Layout Map
- Drainage Map
- Existing Conditions
- Typical Sections
- Plan and Profile Sheets
- Box Culvert Detail Sheets
- Wetland Impact Plans
- Easement Plans
- Utility Adjustment Plans
- Cross-sections (at 50-foot intervals)
- Construction Details, including roadway repairs, erosion control
- Stormwater Pollution Prevention Plans
- Traffic Control Plans

The Plans will be submitted to the County for their review and approval. Thereafter, Osiris 9 Consulting will meet with the County to review the Plans and discuss any comments or concerns regarding the design.

We will prepare Technical Specifications as part of the 75% Design Submittal. We will use FDOT and St. Johns County Standards where applicable.

Osiris 9 Consulting will send 75% design plans to all utility companies within the project corridor for review and identification of their respective utility by marking the estimated

location on the plan set. We will incorporate estimated locations on plan sheets and identify potential conflicts for SUE and relocation on Utility Relocation Plan Sheets.

The following deliverables will be provided:

- 75% Plans: Two hard copies, 11-inch-x-17-inch sheets, and an electronic copy (PDF).
- 75% Technical Specifications: Two hard copies, 8.5-inch-x-11-inch, and an electronic copy (PDF).
- Engineer's Opinion of Probable Construction Cost: Two hard copies, 8.5-inch-x-11-inch, and an electronic copy (PDF).

1.3.2 90% DESIGN SUBMITTAL

Osiris 9 Consulting will prepare 90% Design Plans and Specifications by incorporating relevant, in-Scope County comments from the 75% Submittal.

The following deliverables will be provided:

- 90% Plans: Two hard copies, 11-inch-x-17-inch sheets, and an electronic copy (PDF).
- 90% Technical Specifications: Two hard copies, 8.5-inch-x-11-inch, and an electronic copy (PDF).
- Engineer's Opinion of Probable Construction Cost: Two hard copies, 8.5-inch-x-11-inch, and an electronic copy (PDF).

1.3.3 FINAL DESIGN SUBMITTAL

Osiris 9 Consulting will prepare Final Construction Plans and Specifications by incorporating relevant, in-Scope County comments from the 90% Submittal. The Final Construction Plans and Specifications will be used for bidding and construction.

The following deliverables will be provided:

- Final Construction Plans (signed and sealed): Two hard copies, 11-inch-x-17-inch sheets, and an electronic copy (PDF).
- Final Technical Specifications (signed and sealed): Two hard copies, 8.5-inch-x-11-inch, and an electronic copy (PDF).
- Engineer's Opinion of Probable Construction Cost: Two hard copies, 8.5-inch-x-11-inch, and an electronic copy (PDF).

1.4 TASK 4 – PERMITTING

Osiris 9 Consulting anticipates that the project will require a permit from FDOT, SJRWMD and USACE. We will use the County-approved 75% Design Plans to prepare permit applications. Jones Edmunds will prepare all environmental portions of the permit application.

1.5 TASK 5 – BID-PHASE SERVICES

Osiris 9 Consulting will perform the following Bid-Phase Services:

- Coordinate Front-End documents with the County.
- Attend a Pre-Bid Meeting.
- Respond to bidder questions.

1.6 TASK 6 – SERVICES DURING CONSTRUCTION

Osiris 9 Consulting will perform the following Services During Construction:

- Prepare for and attend a Pre-Construction meeting with the County and the Contractor.
- Review, provide corrections, and approve shop drawings for all drainage structures.
- Review up to five technical submittals and five requests for information (RFIs).
- Conduct one Substantial and one Final Completion walkthrough.
- Conduct monthly site visits to observe construction operations (eight site visits).
- Certify permit closeouts.

2 SCHEDULE

The project schedule will be mutually agreed to by the County and Jones Edmunds. Table 1 presents a proposed project schedule:

Table 1 Project Schedule

Task	Duration	Start Date	End Date
Notice to Proceed (Assumed)	1 day	September 28, 2020	
Data Collection	60 days	September 28, 2020	November 27, 2020
75% Design	95 days	September 28, 2020	January 4, 2021
Permitting	120 days	January 4, 2021	May 4, 2021
90% Design	60 days	March 1, 2021	May 1, 2021
Final Design	60 days	May 1, 2021	July 1, 2021
Bidding	90 days	July 1, 2021	October 1, 2021
Construction	330 days	October 1, 2021	August 31, 2022

We assume that the County will require a 2-week review period to review each submittal.

3 COMPENSATION

Based on the Scope of Work described above, Table 2 presents compensation payable by the County to Jones Edmunds on a lump-sum fee, percent-complete basis:

Table 2 Compensation

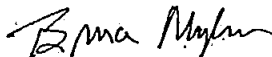
Tasks	Total Cost
Task 1 – Project Management, Meetings, and Communications	\$78,469
Task 2 – Data Collection	\$59,949
Task 3 – Drainage Improvement Plans	\$318,243
Task 4 – Permitting	\$83,480
Task 5 – Bid-Phase Services	\$8,859
Task 6 – Services During Construction	\$38,505
TOTAL	\$587,505

4 PROPOSAL CLARIFICATIONS

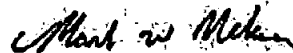
- Public Works staff familiar with drainage and roadway management in the County will be available for questions throughout the project.
- Real estate staff familiar with real property in the County will be available for questions throughout the project.
- Archaeological surveying and permitting are excluded from this Scope of Work.
- Coordinating historical preservation is excluded from this Scope of Work.
- Hazardous materials (asbestos, metals, and polychlorinated biphenyls) investigation, testing, analysis, and abatement design are excluded from this Scope of Work.
- The Project Site is assumed to be free of soil and groundwater contamination.
- All Plans and Specifications will be prepared using English units.
- Any Easements required for the project will be prepared and obtained by the County.
- Landscaping plans are excluded from this Scope of Work.

If you have any questions or comments, please feel free to contact me at (352) 377-5821 or via email at bmyhre@jonesedmunds.com or mnelson@jonesedmunds.com.

Sincerely,



Bruce E. Myhre, PhD, PE, PMP
Project Manager
730 NE Waldo Road



Mark W. Nelson, PE
Project Director
Gainesville, Florida 32641

Project Fee Estimate		Project Name: Santa Rosa Drainage Improvements		Prepared On: 08/17/20										
		Client: St. Johns County		Prepared By: W. Nemceck										
		Opportunity Number: 95242-390-19		Reviewed On: 08/12/20										
		Project Number: 19270-181-02		Reviewed By: S. Myhre										
		Staffing Plan												
		Principal	Project Manager			GIS Specialist			Senior Scientist	Senior Admin Assistant				
		Billing Rate												
		\$248.43	\$180.73	\$0.00	\$0.00	\$79.26	\$0.00	\$0.00	\$143.66	\$90.24				
Task No.	Task Description	Hours								Total Hours	Direct Labor Effort (Rates)	Expenses (ODC's) Effort	Subcontractant Effort	Total Fee
1	Project Management													
	Grant Administration (Separate T&M Task)													
	Kick-off Meeting									0	\$0	\$0	\$0	\$0
	Weekly Status Updates Including Plan of Action and Milestones	4	16							20	\$3,885	\$0	\$14,370	\$18,155
	Public Presentations and Meetings		0							0	\$0	\$0	\$8,496	\$8,496
	Executive Level Meetings with County Leadership (Monthly)	0	0							0	\$0	\$0	\$0	\$0
	Project Design Review Meetings (6 meetings)		6							6	\$1,084	\$0	\$16,764	\$17,848
	Project Mgmt & Invoicing & Schedule Updates	4	16							16	\$5,329	\$0	\$28,640	\$33,969
	Subtotal Project Management	8	38	0	0	0	0	0	0	62	\$10,299	\$0	\$68,170	\$78,469
2	Data Collection													
	Wetland Delineation and Seasonal High Water Determination		2			8				32	\$5,593	\$0	\$1,705	\$7,298
	Survey (Estimate)		2						2	4	\$542	\$0	\$1,938	\$2,480
	Geotech (Estimate = \$15k)		2						2	4	\$542	\$0	\$16,079	\$17,521
	SUE (Estimate = \$20k)		2						2	4	\$542	\$0	\$23,859	\$24,500
	Identify Easements									0	\$0	\$0	\$8,150	\$8,150
	Subtotal Data Collection	0	8	0	0	8	0	0	32	6	\$7,219	\$0	\$52,731	\$59,949
3	75% Design Submittal													
	Title Sheet / Key Map									0	\$0	\$0	\$498	\$498
	Legend, Index, and Abbreviations									0	\$0	\$0	\$513	\$513
	General Notes									0	\$0	\$0	\$1,245	\$1,245
	Project Layout Map									0	\$0	\$0	\$715	\$715
	Drainage Map (4 sheets)									0	\$0	\$0	\$8,441	\$8,441
	Typical Sections (4 sheets)									0	\$0	\$0	\$6,612	\$6,612
	Plan and Profile Sheets (25 Sheets)									0	\$0	\$0	\$52,692	\$52,692
	Wetland Impact Plans (10 Sheets)									0	\$0	\$0	\$10,566	\$10,566
	Easement Plans (15 sheets)									0	\$0	\$0	\$0	\$0
	Drainage Calculations									0	\$0	\$0	\$7,903	\$7,903
	Utility Adjustment Plans (25 sheets)									0	\$0	\$0	\$22,070	\$22,070
	Cross Sections (at 50' intervals)									0	\$0	\$0	\$24,511	\$24,511
	Construction Details (6 sheets)									0	\$0	\$0	\$13,115	\$13,115
	Stormwater Pollution Prevention Plans (4 sheets)									0	\$0	\$0	\$4,057	\$4,057
	Traffic Control Plans (20 sheets)									0	\$0	\$0	\$19,504	\$19,504
	Structural Design and Plans (Box Culvert)(5 sheets)									0	\$0	\$0	\$19,525	\$19,525
	Utility Coordination									0	\$0	\$0	\$6,919	\$6,919
	Site Visit									0	\$0	\$0	\$15,569	\$15,569
	Technical Specifications									0	\$0	\$0	\$6,743	\$6,743
	Opinion of Probable Construction Cost									0	\$0	\$0	\$13,426	\$13,426
	QC									0	\$0	\$0	\$14,708	\$14,708
	Subtotal 75% Design Submittal	0	0	0	0	0	0	0	0	0	\$0.00	\$0.00	\$249,032.45	\$249,032.45
3	90% Design Submittal													
	Incorporate Design Updates and Comments from Permit Submittal									0	\$0	\$0	\$38,111	\$38,111
	Subtotal 90% Design Submittal	0	0	0	0	0	0	0	0	0	\$0.00	\$0.00	\$38,110.85	\$38,110.85
3	Final Design Submittal													
	Incorporate Design Updates and Comments from 90% Submittal									0	\$0	\$0	\$31,100	\$31,100
	Subtotal Final Design Submittal	0	0	0	0	0	0	0	0	0	\$0.00	\$0.00	\$31,099.50	\$31,099.50
4	Permit Applications													
	Incorporate Design Updates and Comments from 75% Submittal									0	\$0	\$0	\$12,115	\$12,115
	SIR/AMD ERP (2 general & 1 individual permit applications)	4				12			16	32	\$3,973	-\$1,690	\$30,551	\$35,213
	Pre-Application Meeting with USACE (Env Only)								8	8	\$1,149	\$0	\$0	\$1,149
	USACE Permit Application	4				16			24	24	\$5,439	\$0	\$0	\$5,439
	FDOT Bridge Application									0	\$0	\$0	\$3,688	\$3,688
	FDOT Drainage Permit									0	\$0	\$0	\$6,360	\$6,360
	Respond to RA's (Environmental Only)								40	40	\$5,747	\$0	\$6,360	\$12,106
	Additional Modeling and Design Modifications	0	0			0				0	\$0	\$0	\$6,260	\$6,260
	S/C Development Review									0	\$0	\$0	\$100	\$100
	Subtotal Permit Applications	0	8	0	0	28	0	0	88	0	\$16,308	-\$1,690	\$65,482	\$83,480
5	Bid-Phase Services													
	Coordinate Front End Documents with County									0	\$0	\$0	\$100	\$100
	Attend Pre-Bid Meeting		2							2	\$361	\$0	\$3,738	\$4,099
	Respond to Bidder Questions									0	\$0	\$0	\$4,660	\$4,660
	Subtotal Bid-Phase Services	0	2	0	0	0	0	0	0	2	\$361	\$0	\$8,498	\$8,859
6	Services During Construction													
	Attend Pre-Con Meeting & Management		2							2	\$361	\$0	\$6,019	\$6,381
	Review Technical Submittals and RFIs (up to five each)									0	\$0	\$0	\$15,295	\$15,295
	Substantial and Final Completion walk down									0	\$0	\$0	\$4,534	\$4,534
	Monthly Site Visits (up to eight)									0	\$0	\$0	\$8,204	\$8,204
	Certify and Closeout Permits	0	0							0	\$0	\$0	\$2,091	\$2,091
	Subtotal Services During Construction	0	2	0	0	0	0	0	0	2	\$361	\$0	\$38,143	\$38,505
	Grand Total	8	58	0	0	36	0	0	120	22	-\$34,548	\$1,690	\$551,267	\$587,505

Project Fee Estimate		Project Name: Santa Rosa Drainage Improvements							Prepared On: 08/17/20			
		Client: St. Johns County							Prepared By: W. Nemecek			
		Opportunity Number:							Reviewed On:			
		Project Number:							Revised By:			
		Staffing Plan										
		Principal	Project Manager	Senior Engineer	Senior Designer	GIS Specialist	Engineer Intern	Engineering Technician				
		Billing Rate										
		\$233.22	\$274.42	\$186.58	\$186.58	\$118.38	\$93.29	\$77.74				
Task No.	Task Description	Hours							Total Hours	Direct Labor Effort (Rates)	Expenses (ODC's)	Total Fee
1	Project Management											
	Grant Administration (Removed)											
	Kick-off Meeting	0	0	0			0		0	\$0	\$0	
	Weekly Status Updates including Plan of Action and Milestones		52						52	\$14,270	\$0	
	Public Presentations and Meetings	0	8	8	8	8	8	8	48	\$7,496	\$1,000	
	Executive Level Meetings with County Leadership (Monthly)		24						0	\$0	\$0	
	Project Design Review Meetings (6 meetings)		104	24	8	8	24	8	95	\$16,364	\$400	
	Project Mgmt & Invoicing & Schedule Updates		104						104	\$28,540	\$300	
	Subtotal Project Management	0	188	32	16	16	32	16	300	\$66,670	\$1,500	
2	Data Collection											
	Wetland Delineation and Seasonal High Water Determination		1	4			4	4	13	\$1,795	\$1,795	
	Survey (Estimate)	1	2	4			4	4	14	\$1,938	\$1,938	
	Geotech (Estimate)		2	4			4	4	14	\$1,978	\$1,978	
	SUE (Estimate)		4	8			8	8	28	\$3,858	\$3,858	
	Identify Easements	1	8	16			16	16	57	\$8,150	\$8,150	
	Subtotal Data Collection	2	16	36	0	0	36	36	126	\$17,731	\$0	
3	75% Design Submittal											
	Title Sheet / Key Map						2	4	6	\$498	\$0	
	Legend, Index, and Abbreviations						3	3	6	\$513	\$0	
	General Notes		1	1			4	4	10	\$1,145	\$0	
	Project Layout Map			1			4	2	7	\$715	\$0	
	Drainage Map (4 sheets)		6	13	6		19	19	63	\$8,441	\$0	
	Typical Sections (4 sheets)	1	5	14	0		14	14	48	\$6,612	\$0	
	Plan and Profile Sheets (25 Sheets)	4	20	120	20		116	120	400	\$52,692	\$0	
	Wetland Impact Plans (10 Sheets)	1	4	24	4		23	24	80	\$10,566	\$0	
	Easement Plans (0 sheets)	0	0	0	0		0	0	0	\$0	\$0	
	Drainage Calculations	1	5	18	3	5	15	5	52	\$7,903	\$0	
	Utility Adjustment Plans (25 sheets)	3	10	45	20		38	38	154	\$22,070	\$0	
	Cross Sections (at 100 critical locations)	2	10	40	10		70	70	202	\$24,511	\$0	
	Construction Details (6 sheets)	2	10	19	5		34	29	99	\$13,115	\$0	
	Stormwater Pollution Prevention Plans (4 sheets)	0	3	6	2		12	8	31	\$4,057	\$0	
	Traffic Control Plans (4 sheets, 2 phases (3D), 5 simp detail sheets)	2	7	49	7		41	34	140	\$19,304	\$0	
	Structural Design and Plans (Box Culvert)(5 sheets)	4	12	60	0		24	24	124	\$19,525	\$0	
	Utility Coordination	0	4	16	0		16	16	52	\$6,819	\$100	
	Site Visit		24	24	0		24	24	95	\$15,169	\$400	
	Technical Specifications	1	5	20	0		14	0	40	\$6,643	\$100	
	Opinion of Probable Construction Cost	1	10	24	5		34	24	98	\$13,426	\$0	
	QC	0	40	20	0		0	0	60	\$14,708	\$0	
	Subtotal 75% Design Submittal	22	176	514	82	5	507	452	1,768	\$248,432.45	\$600.00	
3	90% Design Submittal											
	Incorporate Design Updates and Comments from Permit Submittal	3	15	75	25		85	85	0	\$38,011	\$100	
	Subtotal 90% Design Submittal	3	15	75	25	0	85	85	0	\$38,011.85	\$100.00	
3	Final Design Submittal											
	Incorporate Design Updates and Comments from 90% Submittal	2	12	60	20		72	72	0	\$31,000	\$100	
	Subtotal Final Design Submittal	2	12	60	20	0	72	72	0	\$30,999.50	\$100.00	
4	Permit Applications											
	Incorporate Design Updates and Comments from 75% Submittal	2	8	28	6		20	16	80	\$12,115	\$0	
	SIRWMD ERP (2 general & 1 Individual permit applications)	2	18	90	0	9	45	18	182	\$28,861	\$1,690	
	USACE Permit Application								0	\$0	\$0	
	FDOT Bridge Application		8	8					16	\$3,688	\$0	
	FDOT Drainage Permit	0	4	20	0	0	12	4	40	\$6,260	\$100	
	Respond to RAI's	0	4	20	0	0	12	4	40	\$6,260	\$100	
	Additional Modeling and Design Modifications	0	4	20	0	0	12	4	40	\$6,260	\$0	
	SUC Development Review	0	0	0	0	0	0	0	0	\$0	\$100	
	Subtotal Permit Applications	4	45	185	6	9	101	45	398	\$63,442	\$2,040	
5	Bid-Phase Services											
	Coordinate Front End Documents with County	0	0	0	0	0	0	0	0	\$0	\$100	
	Attend Pre-Bid Meeting		8	8			0	0	16	\$3,688	\$50	
	Respond to Bidder Questions	0	10	10	0	0	0	0	20	\$4,610	\$50	
	Subtotal Bid-Phase Services	0	18	18	0	0	0	0	36	\$8,298	\$200	
6	Services During Construction											
	Attend Pre-Con Meeting & Management		27	3					30	\$7,969	\$50	
	Review Technical Submittals and RFI's (up to five each)	0	10	48	0	0	38	0	95	\$15,245	\$50	
	Substantial and Final Completion walk down		8	8			8		24	\$4,434	\$100	
	Monthly Site Visits (up to eight)	0	6	24	0	0	18		48	\$7,804	\$400	
	Certify and Closeout Permits		2	8					10	\$2,041	\$50	
	Subtotal Services During Construction	0	53	91	0	0	64	0	208	\$37,493	\$650	
	Grand Total	33	524	1012	149	30	897	717	3,962	\$511,077	\$5,190	