

Meeting Date
May 26, 2016



AGENDA	
Section	Consent
Item No.	II A 4

AGENDA REPORT
 BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

SUBJECT:	Approval RE: Interlocal Agreement with the School Board Pertaining to Tropical Elementary School Access Improvements – District 2 (Fiscal Impact: Up to \$170,995.00 Split 50/50 Between School Board and County)
DEPT/OFFICE:	Public Works Department – Finance and Contracts Administration

Requested Action:
 It is requested that the Board of County Commissioners approve and authorize the Chairman to execute the Interlocal Agreement with the School Board pertaining to the Tropical Elementary School Access Improvements. It is further requested that the Board approve any necessary Budget Change Requests associated with this request.

Summary Explanation & Background:
 The School Board and the Public Works Department desire to improve the pedway and roadway access to Tropical Elementary School on South Courtenay Parkway on Merritt Island. These access improvements will include the relocation of the existing pedway located on the west side of South Courtney Parkway and extension of the existing deceleration lane serving the school entrance. The project will consist of the surveying and engineering services to design and construct these access improvements.


The School Board has agreed to contribute funding towards the design and construction of the project. The County's consultant has prepared a proposal in the amount of \$16,195.00 for surveying and engineering services. If required, permitting services is included in the proposal as an optional item in the amount of \$4,800.00. The School Board will provide fifty percent of all design costs. The School Board will also provide fifty percent of construction costs upon approval of the finalized construction estimate. Construction costs are estimated at \$150,000.00. Furthermore, the School Board has agreed to fund fifty percent of construction change order costs up to a cumulative amount of \$15,000.00 additional School Board funding. If construction change orders exceed the \$15,000.00 cumulative amount, then School Board approval shall be required for any additional funding contribution by the School Board.

The terms and conditions of this partnership are established in the Interlocal Agreement. It is anticipated that the School Board will approve the Interlocal Agreement at their May 24, 2016 Board meeting. It is requested that the Board of County Commissioners approve and authorize the Chairman to execute the Interlocal Agreement and approve any necessary Budget Change Requests associated with this action.

Fiscal Impact: Up to \$170,995.00 Split 50/50 Between School Board and County
 \$85,497.50 District 2 Other Transportation Related Funding
 \$85,497.50 Contribution from School Board will be deposited in Fund 1700

Clerk to the Board Instructions: Please return fully executed Interlocal Agreement to the Public Works Department (2 originals)

Exhibits Attached: Interlocal Agreement (3 originals)

Contract /Agreement (If attached): Reviewed by County Attorney		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	PR	<input type="checkbox"/>
County Manager	Assistant County Manager	Department Director / Extension					
Stockton Whitten		 John P. Denninghoff, Public Works Director - 57202					



Tammy Rowe, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972
Tammy.Rowe@brevardclerk.us

May 27, 2016

M E M O R A N D U M

TO: John Denninghoff, Public Works Director

RE: Item II.A.4., Interlocal Agreement with the School Board Pertaining to Tropical Elementary School Access Improvements

The Board of Commissioners, in regular session on May 26, 2016, approved an Interlocal Agreement with the School Board pertaining to the Tropical Elementary School Access Improvements; authorized the Chairman to execute the Interlocal Agreement; and approved any necessary budget change requests. Enclosed are two fully-executed Interlocal Agreements.

Your continued cooperation is always appreciated.

Sincerely,

**BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK**

Tammy Rowe, Deputy Clerk

/kp

Encls. (2)

cc: Finance
Budget
Contracts Administration

**BREVARD COUNTY
BOARD OF COUNTY COMMISSIONERS**

INITIAL CONTRACT FORM

SECTION I

The following information must be completed on all new contracts submitted to the Board.

1. Contractor:	
2. Fund/Account #: 1700 & D2 Other Transportation	Division Name: Finance and Contracts Administration
4. Contract Description: ILA with School Board RE: Tropical Elementary Access Improvements	
5. Contract Monitor: Jeanette Scott	6. Mail Stop #: 81
7. Dept./Office Director: Public Works / John P. Denninghoff	8. Contract Type: Intergovernmental Local
ACTION DATE: May 26, 2016 Board Meeting	ACTION REQUIREMENT: Review for Approval

SECTION II

The following departments must approve all contracts submitted to the Board:

<u>COUNTY OFFICE</u>	<u>APPROVAL</u>		<u>INITIALS</u>	<u>DATE</u>
	<u>YES</u>	<u>NO</u>		
User Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JW	5/16/2016
Risk Management	<input type="checkbox"/>	<input type="checkbox"/>		
County Attorney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	[Signature]	05/16/2016

If any office denies approval, the package will be returned immediately to the User Agency.

NOTE: This form should be attached to all new contracts being submitted to the Board for approval. After the contract has been approved, the contract package, including this form, will go to the Clerk to the Board. The Clerk's office will return the Initial Contract Form to department for contract to be entered into the Contract Management System. See AO-29 for additional information.

AO-29: EXHIBIT I

INTERLOCAL AGREEMENT

TROPICAL ELEMENTARY SCHOOL ACCESS IMPROVEMENTS

THIS INTERLOCAL AGREEMENT made and entered into ____ day of _____, 2016, by and between the School Board of Brevard County, Florida, the governing body of the School District of Brevard County, Florida, hereinafter referred to as "SCHOOL BOARD" and the Board of County Commissioners of Brevard County, Florida, a political subdivision of the State of Florida, hereinafter referred to as "COUNTY".

WITNESSETH:

WHEREAS, a portion of South Courtenay Parkway near Tropical Elementary School in Merritt Island is located in the unincorporated area of Brevard County, Florida (hereinafter referred to as the "PUBLIC RIGHT-OF-WAY"); and

WHEREAS, the COUNTY owns the PUBLIC RIGHT-OF-WAY; and

WHEREAS, the SCHOOL BOARD and COUNTY desire to improve the pedway and roadway access to Tropical Elementary School; and

WHEREAS, these access improvements will include the relocation of the existing pedway located on the west side of South Courtenay Parkway and extension of the existing deceleration lane serving the school entrance, hereinafter referred to as the "PROJECT"; and

WHEREAS, the SCHOOL BOARD has agreed to contribute funding towards design and construction of the PROJECT; and

WHEREAS, these improvements will benefit the public; and

NOW THEREFORE, the COUNTY and SCHOOL BOARD covenant and agree that they have full power and authority to enter into this Agreement and bind their respective governmental entities as follows:

- (1) The above recitals are true and correct and by this reference are hereby incorporated into and made an integral part of this Agreement.
- (2) Statutory Authority: This Agreement shall be considered an Interlocal Agreement pursuant to authority of Florida Statutes, Chapter 163 Part 1, 2013.
- (3) Scope of PROJECT: The PROJECT will consist of the surveying and engineering services to design and construct improvements of the pedway

and roadway access to Tropical Elementary School located in Merritt Island. These access improvements are located along South Courtenay Parkway and include:

- (a) Removal and reconstruction of approximately 400 linear feet of existing 8 foot wide asphalt pedway located on the west side of South Courtenay Parkway, from Moore Avenue to the existing deceleration lane entrance to the school.
- (b) Connection of the existing Moore Ave sidewalks to the relocated pedway.
- (c) Extension of the existing deceleration lane serving the school entrance by approximately 400 linear feet.
- (d) Reconfiguration of the existing ditch along the west side of South Courtenay Parkway, between Brandy Lane and Moore Avenue, and culvert replacement under Brandy Lane, Moore Avenue, and one residential driveway. Reconfiguration of ditch to include regrading the ditch cross section and flowline, and Bahia sod stabilization, and construction of a piped (closed) drainage system.

The PROJECT will be designed in accordance with the approved Proposal from Bussen-Mayer Engineering Group, Inc. dated March 1, 2016, which is attached as Exhibit "A", incorporated and specifically made a part of this Agreement. As reflected in Exhibit "A", the proposed lump sum fees for providing the surveying and engineering services is \$16,195.00. The Proposal also includes Optional Services, Items C.1 and C.2 for permitting services related to the ditch piping, if required. The proposed lump sum for this Optional Service is \$4,800.00.

- (4) Approval of Plans: The SCHOOL BOARD will have the opportunity to review and approve all plans and specifications. The COUNTY will be responsible for ensuring that any plans submitted to the SCHOOL BOARD will be submitted in a timely fashion. Upon submittal of plans to the SCHOOL BOARD for review, the SCHOOL BOARD shall provide any review comments and/or marked up plans within fourteen (14) calendar days. If the SCHOOL BOARD does not provide review comments and/or marked up plans within fourteen (14) calendar days from the date of receipt of the plans to the SCHOOL BOARD, the SCHOOL BOARD's right to approve is forfeited, and the COUNTY will continue with the PROJECT using its best judgment. Further, as the maintenance authority of the PUBLIC RIGHT OF WAY of this PROJECT, the design intent shall conform to COUNTY standards, notwithstanding other approvals.

- (5) Construction Review Meetings: The SCHOOL BOARD shall have the right to have a representative present at any construction site meetings or construction progress meetings which shall be set at such time and place as the COUNTY deems appropriate. The COUNTY shall provide one (1) day advance notice of date, time, and location of meeting, unless an emergency meeting is required, in which case all best efforts shall be made to contact the SCHOOL BOARDS's designated PROJECT representative.
- (6) SCHOOL BOARD's Financial Contribution to the PROJECT: The SCHOOL BOARD will provide 50% of all design costs of the PROJECT. The SCHOOL BOARD will deposit with the COUNTY, within fifteen (15) business days of the execution of this Agreement by the last party executing the same, the sum equal to 50% of the amount found in Exhibit "A" \$16,195.00 for the surveying and engineering services of the PROJECT.

If the Optional Service, Item B.8 is needed, the SCHOOL BOARD will deposit with the COUNTY, within fifteen (15) business days of the Notice to Proceed to Bussen-Mayer Engineering Group, Inc., the sum equal to 50% of the amount found in Exhibit "A" \$4,800.00 for the Optional Service to prepare the Contract and Specifications Documents for bidding purposes.

The SCHOOL BOARD will provide 50% of construction costs of the PROJECT upon approval of the construction estimate by the SCHOOL BOARD and COUNTY. The SCHOOL BOARD will deposit with the COUNTY, within fifteen (15) business days of the Notice to Proceed to the contractor to commence construction of the PROJECT, the sum of \$75,000 equal to 50% of the current estimated construction cost of \$150,000.00.

If construction change orders become necessary, the COUNTY will advise the SCHOOL BOARD within five (5) calendar days' notice. The SCHOOL BOARD shall fund 50% of construction change order costs up to a cumulative amount of \$15,000.00 additional SCHOOL BOARD funding. If construction change orders exceed this cumulative amount of \$15,000.00, then SCHOOL BOARD approval shall be required for any additional funding contribution by SCHOOL BOARD.

The funds contributed by the SCHOOL BOARD will be held by the COUNTY in a separate fund established for the PROJECT. The funds that are not expended by the COUNTY as part of the PROJECT will be reimbursed without interest to the SCHOOL BOARD within thirty (30) days of completion of the PROJECT.

- (7) CHANGE ORDERS: Notwithstanding Paragraph (6) above, change orders that expand the scope of the PROJECT as defined in Paragraph (3) of this Agreement shall be paid for solely by the party requesting the Change Order.

- (8) Notices: All notices required under the Agreement shall be in writing and delivered to the parties by United States mail, as follows:
- (a) SCHOOL BOARD Representative
Sue Hann, P.E.,
Director of Planning and Project Management
Brevard Public Schools - Facilities Services
2700 Judge Fran Jamieson Way
Viera, Florida 32940
 - (b) COUNTY Representative
Tammy Thomas-Wood
Public Works Support Services Manager
2725 Judge Fran Jamieson Way, A-201
Viera, Florida 32940
- (9) Default: Either party to this Agreement, in the event of any act of default by the other, shall have all remedies available to it under the laws of the State of Florida.
- (10) Severability: If any part of this Agreement is found invalid or unenforceable by any court, such invalidity or unenforceability shall not affect the other parts of this Agreement if the rights and obligations of the parties contained herein are not materially prejudiced and if the intentions of the parties can still be accomplished.
- (11) Effective Date: The effective date of this Agreement shall be the date on which the last signature required to execute this Agreement is attached.
- (12) Recording: Upon execution of this Agreement, the COUNTY shall record a fully executed original of this Agreement in the Public Records of Brevard County, Florida, and shall return a recorded original of the Agreement to the SCHOOL BOARD REPRESENTATIVE listed in Paragraph (8).
- (13) Termination Clause: Prior to the issuance of the Notice to Proceed to the Contractor, the COUNTY or the SCHOOL BOARD shall have the right to terminate this Agreement, with or without cause, by furnishing 30 days prior written notice as provided in Paragraph (8). However, Paragraph (6) of this Agreement shall survive the aforesaid termination of this Agreement and shall be adhered to in so far as the COUNTY shall retain any portion of the SCHOOL BOARD'S contribution for surveying and engineering services that have been completed through this Agreement prior to any termination. Any unused funds contributed by the SCHOOL BOARD for the surveying and engineering services shall be returned to the SCHOOL BOARD upon termination.

- (14) Attorney's Fees: In the event of any legal action to enforce the terms of this contract, each party shall bear its own attorney's fees and costs. This provision shall not be interpreted to be a pledge of ad valorem tax revenues.
- (15) Venue and Non-Jury Trial: Any legal action to enforce, interpret, or construe the terms of this contract, shall be in a court of competent jurisdiction in and for Brevard County, Florida and **any trial shall be a non-jury trial**.
- (16) Compliance with Statutes: It shall be each party's responsibility to be aware of and comply with all federal, state, and local laws.
- (17) Entirety: This Agreement represents the understanding and agreement of the parties in its entirety. There shall be no amendments to the Agreement unless such amendments are in writing and signed by both parties.

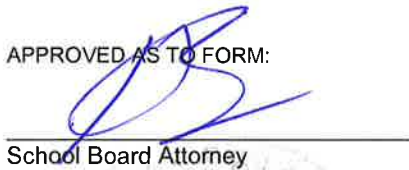
IN WITNESS WHEREOF, the parties hereto have set their hands and seals.

ATTEST:



Desmond K. Blackburn, Ph.D
Superintendent

APPROVED AS TO FORM:


School Board Attorney

SCHOOL BOARD


Andrew J. Ziegler, Chairman

As approved by the Board on: 5/24/16



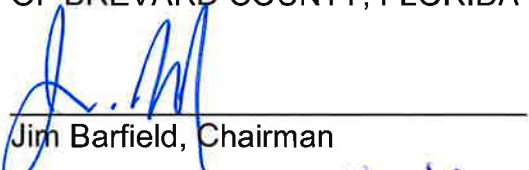
ATTEST:


Scott Ellis, Clerk

APPROVED AS TO FORM:


Assistant County Attorney

BOARD of COUNTY COMMISSIONERS
OF BREVARD COUNTY, FLORIDA


Jim Barfield, Chairman

As approved by the Board on: 5/26/16



May 2, 2016

Brevard County Public Works Department
Attn: Tammy Thomas-Wood, Support Service Manager
2725 Judge Fran Jamieson Way
Viera, FL 32940
(via email Tammy.Thomas-wood@brevardcounty.us and hand delivery)

**RE: TROPICAL ELEMENTARY/DECELERATION LANE EXTENSION
BUSSEN-MAYER PROJECT NUMBER: 325213**

Dear Ms. Thomas-Wood;

Pursuant to the request of Corrina Gumm, P.E., of the Brevard County Traffic Engineering Department, Bussen-Mayer Engineering Group, Inc. (BMEG) is pleased to present this revised proposal for professional surveying and engineering services relating to the above referenced project. Based on our recent meeting with Ms. Gumm, the County proposes to complete access improvements off of South Courtenay Parkway associated with Tropical Elementary School, located in Merritt Island, Florida. The access improvements will require relocation of the existing pedway located on the west side of South Courtenay Parkway. Furthermore, the existing Moore Ave sidewalks will be extended to connect with the relocated pedway on the west side of South Courtenay Parkway. Additionally, the existing deceleration lane serving the school entrance, which currently ends just south of Brandy Lane, is to be extended through Brandy Lane to a terminus point just south of Moore Avenue. The additional turn lane length is approximately 400 lineal feet. It is contemplated that the existing survey data and preliminary design plan previously prepared by Bussen-Mayer Engineering Group for improvements in this area will be utilized.

The scope of the project is summarized as follows:

1. The project will consist of the surveying and engineering services to design and construct improvements of the pedway and roadway access to Tropical Elementary School located in Merritt Island. These access improvements are located along South Courtenay Parkway and include:
 - a. Removal and reconstruction of approximately 400 linear feet of existing 8 foot wide asphalt pedway located on the west side of South Courtenay Parkway, from Moore Avenue to the existing deceleration lane entrance to the school.

- b. Connection of the existing Moore Ave sidewalks to the relocated pedway.
- c. Extension of the existing deceleration lane serving the school entrance by approximately 400 linear feet.
- d. Reconfiguration of the existing ditch along the west side of South Courtenay Parkway, between Brandy Lane and Moore Avenue, and culvert replacement under Brandy Lane, Moore Avenue, and one residential driveway. Reconfiguration of ditch to include regrading the ditch cross section and flowline, and Bahia sod stabilization, and construction of a piped (closed) drainage system.

Based on this information, we propose to provide the following specific scope of services in a timely fashion:

A. SURVEYING SERVICES:

1. We will complete a partial right-of-way survey for the project, consisting of a topographic update of the previously prepared topographic survey for the site, together with location of one (1) right-of-way line. The proposed topo limits will be from the eastern edge of pavement for South Courtenay Parkway, to a point twenty (20) feet west of the existing westerly right-of-way line for South Courtenay Parkway, from a point 100 feet south of the south right-of-way line of Brandy Lane, to a point 100 feet north of the north right-of-way line of Moore Avenue. The location of the existing westerly right-of-way line for South Courtenay Parkway, between the north right-of-way line of Brandy Lane and the South right-of-way line of Moore Avenue, will be verified and shown on the survey. Additional right-of-way line locations are not contemplated as a requirement. A construction baseline will be developed for the proposed improvement, with a minimum of three (3) established control points, together with three (3) reference points within the right-of-ways for each control point. The control points will also be used as benchmarks for the proposed project. It is noted that in an effort to minimize costs, not all requirements of the Brevard County Public Works Finance and Contracts Administration – Public Works Survey and Mapping Division Review Check Sheet will be met. Specifically, the topo limits will extend to 20' to 25' beyond the right-of-way lines for the project construction limits only; a 3 wire level run will not be completed due to the close proximity of an existing County benchmark (#405-402003); and the three (3) reference points for each baseline point will be set within the right-of-way limits (not on private property) or will be right-of-way corner monumentation. This service is intended as an update to the previous survey. Title review and/or additional easement acquisition services are not contemplated. The survey will be based on NAVD 1988 Datum.

2. We will contact the existing utility companies through the SunshineONE process, and also through individual correspondence to each local utility, requesting available information regarding the location of underground buried utilities. We will reflect all information received on the final survey and construction documents. BMEG will not excavate or uncover underground utilities. In the interest of minimizing time and cost, soft dig locations of underground utilities are not included (not anticipated as a requirement for this proposed surface improvement).
3. A single partial right-of-way control and topographic survey will be produced as the deliverable for this surveying service. Six (6) certified copies, together with a CD containing the survey in pdf and AutoCAD format, will be provided.

B. ENGINEERING SERVICES

1. We will review existing available data, including quad maps, flood maps, drainage maps, soils maps, previous soil surveys, and other available information in order to fully familiarize ourselves with the proposed project parameters and existing site conditions. This service will include a detailed site inspection of the project limits.
2. We will complete a preliminary drainage investigation and coordination with St. Johns River Water Management District (SJRWMD) in order to determine stormwater permitting requirements for the project. We will attempt to design the project such that it qualifies for a stormwater exemption. Stormwater permitting and calculations through the SJRWMD will be considered an additional optional service (see Optional services C. below).
3. We will prepare a preliminary design plan for the deceleration lane extension, together with a preliminary site construction cost estimate, for review and comment by the Client (50% plan).
4. Upon approval from Client, we will provide a 90% submittal consisting of final design and construction documents for the deceleration lane extension, including detailed plans which contain the following:
 - a. Cover Sheet
 - b. Existing Conditions and survey control plan
 - c. Summary of Pay Items
 - d. Complete horizontal dimension and location plan
 - e. Complete paving, grading and drainage plan
 - f. Construction plan details, cross sections at 100-ft intervals, and construction plan specifications
 - g. Erosion control plan
 - h. Maintenance of traffic details
 - i. Signing and striping plans

Note! Plans to be prepared in accordance with the FDOT Plans Preparation Manual (2016).

5. We will prepare a final site construction cost estimate for review and use by the Client. All cost estimates to be prepared in FDOT format and utilize pay item numbers as found in the FDOT Basis of Estimates (BOE, 2016).
6. We will submit the final plans and cost estimate to Brevard County for final review and comment and address County comments as applicable, to develop final approved construction documents.
7. Deliverables for the project to include six (6) sets of the final construction documents, together with a CD containing the plans in pdf and AutoCAD format.

C. OPTIONAL SERVICES (IF REQUIRED):

1. We will prepare, submit and diligently pursue approval of a SJRWMD Environmental Resource Permit (ERP) for the required ditch piping.
2. We will complete stormwater modeling for pipe sizing purposes associated with the permit.

We have prepared this proposal based on the following assumptions and conditions:

1. Construction phase services and/or preparation of a technical specifications package is not included. It is our understanding that this project will be built by Brevard County forces. Since it is contemplated that no permits will be required, other than Brevard County staff approval, there may not be a need for the Engineer of Record to be involved in the construction phase of the project. A separate quote can be provided if required.
2. Soils borings and/or soft digs are not included (to be provided by Client if required).
3. Preparation of construction specifications booklet is not included (not anticipated as a requirement).
4. Easement acquisition services are not anticipated as a requirement.
5. Attendance at public meetings or meetings with school officials is not included (not anticipated as a requirement).
6. Environmental services are not included.

7. Estimated Project Schedule:

- | | |
|---|--------------------------------|
| a. Updated Survey | 20 days from Notice to Proceed |
| b. Preliminary Design and 50% Submittal | 35 days from Notice to Proceed |
| c. 90% Submittal | 45 days from Notice to Proceed |
| d. 100% Submittal | 60 days from Notice to Proceed |

Note! Assumes expedited County review process.

Our proposed lump sum fees for providing the above described services would be:

A. Surveying Services	\$ 4,710.00	
B. Engineering Services	\$11,485.00	
TOTAL (without Optional Services)		\$16,195.00
<hr/>		
C. Optional Services (IF REQUIRED)	\$ 4,800.00	
TOTAL (with Optional Services)		\$20,995.00

This fee is based on estimated man hour breakdown and our standard hourly rates per contract as per attached as Exhibit "A".

Invoicing for this project will be in accordance with the following schedule:

INVOICE PROCEDURES AND PAYMENT: BUSSEN-MAYER ENGINEERING GROUP, INC. shall submit invoices to the Client for work accomplished during each calendar month. For services provided on a Lump Sum basis, the amount of each monthly invoice shall be determined on the "percentage of completion method" whereby **BUSSEN-MAYER ENGINEERING GROUP, INC.** will estimate the percentage of the total work (provided on a Lump Sum basis) accomplished during the invoicing period.

It is hereby acknowledged that this WORK ORDER is an addendum to the master contract approved by the County Commission on September 15, 2014 for civil engineering services, and as such, this WORK ORDER is subject to all conditions and stipulations contained in said contract.

Should you have any questions or comments regarding this proposal, please advise. This proposal is valid for a period of sixty (60) days from the date herein and subject to change thereafter. If you wish us to proceed with the above described services, please issue a work order number and Notice to Proceed for this project. Thank you for the opportunity to provide these services, and we look forward to working with you on this project.

Sincerely,

BUSSEN-MAYER ENGINEERING GROUP, INC.

A handwritten signature in blue ink, appearing to read "Joe Mayer", written in a cursive style.

Joseph W. Mayer, P.E.
President

CC: Corrina Gumm, P.E.
(via email corrina.gumm@brevardcounty.us)

Exhibit "A" - BMEG Man-hour Breakdown
 (BMEG# 323513)

05/02/16

Service	Hours	Rate	Subtotal		Subtotal	TOTAL
A. SURVEYING SERVICES						
1. Partial Topo and R/W Survey						
Surveyor	6.00	\$ 105	\$ 630			
2-Man Field Crew	22.00	\$ 100	\$ 2,200			
Survey Tech	16.00	\$ 65	\$ 1,040			
			Subtotal	\$	3,870.00	
2. Underground Utilities Update						
Surveyor	2.00	\$ 105	\$ 210			
2-Man Field Crew	4.00	\$ 100	\$ 400			
Survey Tech	2.00	\$ 65	\$ 130			
			Subtotal	\$	740.00	
3. Deliverables/Reimbursable Expenses						
			Subtotal	\$	100.00	
SURVEYING SERVICES TOTAL					\$ 4,710.00	
B. ENGINEERING SERVICES						
1. Collect Data						
Project Manager	3.00	\$ 135	\$ 405			
Engineering Technician	4.00	\$ 70	\$ 280			
Office Assistant	4.00	\$ 45	\$ 180			
			Subtotal	\$	865.00	
2. Drainage Investigation						
Project Manager	2.00	\$ 135	\$ 270			
Professional Engineer	6.00	\$ 115	\$ 690			
Engineering Technician	6.00	\$ 70	\$ 420			
Office Assistant	2.00	\$ 45	\$ 90			
			Subtotal	\$	1,470.00	
3. Preliminary Design Plan/Cost Estimate						
Project Manager	4.00	\$ 135	\$ 540			
Engineering Technician	14.00	\$ 70	\$ 980			
Office Assistant	2.00	\$ 45	\$ 90			
			Subtotal	\$	1,610.00	
4. Final Plans						
Project Manager	14.00	\$ 135	\$ 1,890			
Engineering Technician	40.00	\$ 70	\$ 2,800			
Office Assistant	8.00	\$ 45	\$ 360			
			Subtotal	\$	5,050.00	

5. Cost Estimate						
Project Manager	1.00	\$ 135	\$	135		
Engineering Technician	6.00	\$ 70	\$	420		
Office Assistant	1.00	\$ 45	\$	45		
				Subtotal	\$	600.00
6. County Review/Plan Revisions						
Project Manager	6.00	\$ 135	\$	810		
Engineering Technician	10.00	\$ 70	\$	700		
Office Assistant	4.00	\$ 45	\$	180		
				Subtotal	\$	1,690.00
7. Deliverables/Reimbursable Expenses						
				Subtotal	\$	200.00
BASE CONTRACT-ENGINEERING SERVICES TOTAL						\$11,485.00
C. OPTIONAL SERVICES (IF REQUIRED)						
1. SJRWMD Permit Submittal/Processing						
Project Manager	6.00	\$ 135	\$	810		
Engineering Technician	10.00	\$ 70	\$	700		
Office Assistant	10.00	\$ 45	\$	450		
				Subtotal	\$	1,960.00
2. Stormwater Modeling						
Project Manager	6.00	\$ 135	\$	810		
Project Engineer	14.00	\$ 105	\$	1,470		
Engineering Technician	8.00	\$ 70	\$	560		
				Subtotal	\$	2,840.00
OPTIONAL SERVICES SUBTOTAL						\$4,800.00
ENGINEERING SERVICES TOTAL (WITH OPTIONAL SERVICES)						\$16,285.00
CONTRACT TOTAL (WITHOUT OPTIONAL SERVICES)						\$ 16,195.00
CONTRACT TOTAL (WITH OPTIONAL SERVICES)						\$ 20,995.00