



February 27, 2018

Mr. John Paul Castro
Utilities Director
City of Key West
P.O. Box 1409
Key West, Fl. 33041

**RE: Professional Engineering Services – Donald Avenue Canal SFWMD
Permitting**

Dear John Paul:

Perez Engineering & Development, Inc. is pleased to submit this proposal to assist you with professional civil engineering services for the improvements to approximately 450 feet of the Donald Avenue Canal. We understand the City has replaced approximately 450 feet of canal/ditch with a culvert and now must apply for a SFWMD “after the fact” permit.

The purpose of this task order is to provide permitting, environmental reports, mangrove impact calculations, and mitigation. We shall use Terramar Environmental Services, Inc. as a sub-consultant to assist with the following tasks:

1. Conduct a pre-work site assessment to determine the type and extent of wetland resources potentially impacted;
2. Coordinate in pre-app mode with SFWMD to determine impact using UMAM, and appropriate mitigation;
3. Prepare “Cumulative Impacts Assessment” for mangrove wetlands that will allow SFWMD to accept mitigation via payments to the Everglades Mitigation Bank (EMB);
4. Prepare ERP application submittals (as-built plans, sketches, UMAM reports, mitigation proposals, etc.);
5. Apply and obtain ERP permit from SFWMD;
6. Conduct monitoring for water quality using flow rate and oxygen level sampling in the ditch and culvert;

Note: This scope of services is for SFWMD permitting only. We have included a \$5,000 allowance for USACE coordination on an as needed basis.

Key West Office:
1010 Kennedy Dr. Suite 201 • Key West, Florida 33040
tel: (305) 293-9440 Fax: (305) 296-0243

Compensation for this task order shall be a lump sum fee of \$27,760. A fee summary is attached.

Sincerely,

A handwritten signature in blue ink, appearing to read "Allen E. Perez", is written over a light blue rectangular background.

Allen E. Perez, P.E.
President



FEE SUMMARY

Donald Avenue Canal SFWMD Permitting

Summary of Billable Costs											
Sub-Task Description	Principal		Senior Engineer	Project Engineer	Senior CADD Designer	Clerical	Const. Inspector	Terramar		TOTAL HOURS	TOTAL BILLABLE COSTS
Hourly Rate	180.00	0.00	145.00	120.00	85.00	55.00	90.00	1.00	1.00		
A. Site Assessment	0	0	0	0	0	0	0	2400		0	\$2,400.00
B. Coordinate UMAM with SFWMD	0	0	0	0	0	0	0	2400		0	\$2,400.00
C. Prepare Cumulative Impacts Assessment	0	0	0	0	0	0	0	4800		0	\$4,800.00
D. Prepare and Apply for ERP	12	0	0	0	20	0	0	2400		32	\$6,260.00
E. Water Quality Monitoring	0	0	0	0	0	0	0	4800		0	\$4,800.00
F. ERP Permit Fee								2100			\$2,100.00
G. ACOE Coordination (As Needed)								5000			\$5,000.00
											\$0.00
SUBTOTAL LABOR	12	0	0	0	20	0	0			32	
TOTAL BILLABLE COSTS	\$2,160.00	\$0.00	\$0.00	\$0.00	\$1,700.00	\$0.00	\$0.00	\$23,900.00	\$0.00	\$27,760.00	\$27,760.00