



Project Administration Department

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Memorandum

Date: June 8, 2017
To: Mark LeCouris, City Manager *mlc*
From: Bob Robertson, P.E., Project Administration Department Director *BR*
Subject: Updated Anclote Dredge Project Costs for Spoils Site Lease and Site Preparation

The upcoming, proposed maintenance dredge to be performed by the United States Army Corps of Engineers (ACE) requires the Local Sponsor, the City of Tarpon Springs, to provide a site and associated construction of on-site infrastructure (i.e. site prep) that would be suitable for dewatering and storage of dredge spoils materials (sediments).

In December of 2016, the City had identified three potential site locations to be leased that would be suitable for this purpose. A package was prepared and submitted through State Representative Christopher Sprowls' office on behalf of the City. This package requested funding for the lease and associated site-prep work and included a detailed Economic Impact Study that was funded by the City. The request included lease and site prep costs for the highest priced option (\$920,973) since no final agreement had been reached with either of the three property owners at the time. Since that time, the City was able to reach an agreement with the lowest-priced option and has been leasing the property using its own funds since mid-February 2017.

With all of the above considerations, the City's request for State Funding can be reduced from \$920,973 to \$676,046 as described below and in the attached:

<i>Item Description</i>	Monthly Cost	Duration (months)	Cost
Property Lease (40 total months)	\$8,116.55	40	\$324,662
Site Preparation Construction (See Attachment 1 for Details)	n/a	n/a	\$397,919
Property Lease (City-Funded: Partial Feb. 2017 through July 2017)	\$8,116.55	5.7	(\$46,534)
Total Revised Spoils Site Cost (Lease and Site-Prep)			\$676,046

Attachment 1

Tarpon Springs Anclote River Dredge Project - Spoils Site Preparation Construction Cost Estimate

Construction Cost Items & Descriptions	No. Units	Units of Measure	Cost Per Unit	Sub-Totals
Site clearing & grubbing	3.43	acre	\$7,251	\$24,872
Rough grading	3.43	acre	\$12,750	\$43,733
Silt fence around disturbed area	3,456	linear foot	\$2.00	\$6,912
Gravel Road Construction				
8" gravel subgrade	200	sq. yard	\$12.22	\$2,444
Geotextile liner	200	sq. yard	\$1.64	\$328
CDF Dike Construction				
Strip soil and stockpile	14,815	cubic yard	\$1.02	\$15,111
Spread fill	14,815	cubic yard	\$2.75	\$40,741
Compaction w/ 6" lift , 2 passes vib roller	14,815	cubic yard	\$0.47	\$6,963
Install groundwater monitoring wells	2	each	\$1,750	\$3,500
Weirs	3	each	\$45,000	\$135,000
Stabilization at site/river discharge	1	lump sum	\$5,000	\$5,000
Site restoration	3.43	acres	\$10,000	\$34,300
Remove pavement protection	200	sq. yard	\$6.00	\$1,200
Disposal of site construction material	400	cubic yard	\$20.00	\$8,000
Site regrading	13.98	acre	\$250.00	\$3,495
Subtotal				\$331,599
Contingency (20%)				\$66,320
Spoils Site Preparation (Construction) Total				\$397,919