



TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: August 22, 2017

TITLE: Motion to Approve Increase to Stormwater Master Plan Modeling and
Design Implementation Cost Capacity – Hazen and Sawyer, P.C. –
\$2,321,244

Recommendation

It is recommended that the City Commission approve a cost capacity (cap) increase to the Stormwater Master Plan Modeling and Design Implementation Project with Hazen and Sawyer, P.C., from \$7,578,756 to \$9,900,000.

Background

On April 19, 2016 the City Commission approved the contract award for the Stormwater Master Plan Modeling and Design Implementation Contract with Hazen and Sawyer, P.C. with an original approved cap of \$7,578,756 (CAM #16-0408). The initial contract was intended cover the first five years of the program using both FY 2016 and FY 2017 funding up to \$10,800,000; however, at the time of contract award, the cap was established based only upon available funds within the FY 2016 budget. To date, three task orders have been issued with a combined value of \$5,621,759.09 to cover City-wide data collection, modeling and planning, preliminary design, and neighbor outreach for the seven priority neighborhoods.

These efforts enabled staff to define a complete scope of work for the consultant to prepare final designs and complete permitting for these seven neighborhoods including extensive replacement and/or construction of stormwater drainage systems, construction of 8 pump stations, replacement of 12 seawalls (see Table No. 1), and other stormwater features. The result of this task order will be bid-ready plans and specifications to enable the City to move into the bidding and construction phase as funding is provided.

Table No. 1 Seawall Design

Seawall No.	Seawall Location	Approximate Length, LF
1	Cordova Road from SE 11 th Court to SE 7 th Street	2,186
2	Mola Avenue	33
3	Isle of Palms Drive	894
4	SE 8 th St.	470
5	SE 23 rd Ave. & Del Mar Pl.	291
6	SE 10th St.	470
7	Barcelona Dr. East of NE 26 th Terrace	148
8	E. Las Olas Blvd. East of Lido Dr.	96
9	Solar Plaza Dr./SE 25 Ave.	157
10	E. Las Olas Blvd. East of Coral Way	80
11	E. Las Olas Blvd. East of San Marco Dr.	75
12	Victoria Park	120
	Total Linear Feet	5,020

The total for Task Order No. 4 (Final design and permitting) is \$4,255,056 bringing the total cost for completion of the Master Plan through design, permitting and final cost estimating to \$9,876,815.09. Although the full \$10,800,000 is not required to complete the scope of work for the Stormwater Master Plan Modeling and Design Implementation Program, the cap must be increased to \$9,900,000 to execute the final task order within this program. There are no additions or modifications to the initial scope of work.

The FY 2017 Budget includes an additional \$2,321,244 in funding for the Stormwater Master Plan within the projects listed in the resource impact section below to increase the cap to \$9,900,000 in order to fully fund the Stormwater Master Plan Modeling and Design Implementation Project.

Resource Impact

There will be a fiscal impact to the City in the amount of \$2,321,244 for this contract capacity increase. Funds for this agreement in the amount of \$2,321,244 are available in the FY 2017 Community Investment Plan in the accounts listed below. Funding will be from individual projects when services are contracted through individual task orders subject to the availability of funding.

<i>Funds available as of July 24, 2017</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
470-P11842.470-6534	Edgewood Stormwater Improvements	Capital Outlay/ Consultant Engineering	\$1,928,448	\$795,557	\$450,000
470-P11868.470-6534	River Oaks Stormwater Analysis	Capital Outlay/ Consultant Engineering	\$957,578	\$303,555	\$175,000

470-P12082.470-6534	Victoria Park Tidal and Stormwater Improvements	Capital Outlay/ Consultant Engineering	\$3,030,000	\$2,297,640	\$1,350,000
470-P11843.470-6534	Progresso Stormwater Improvements	Capital Outlay/ Consultant Engineering	\$697,200	\$243,489	\$125,000
470-P11844.470-6534	Durrs Area Stormwater Improvements	Capital Outlay/ Consultant Engineering	\$545,599	\$185,379	\$75,000
470-P11845.470-6534	Dorsey Riverbend Stormwater Improvements	Capital Outlay/ Consultant Engineering	\$550,694	\$189,159	\$50,000
470-P12074.470-6534	Southeast Isles Tidal and Stormwater Improvements	Capital Outlay/ Consultant Engineering	\$1,008,400	\$647,460	\$96,244
TOTAL →					\$2,321,244

Strategic Connections

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Infrastructure Cylinder of Excellence, specifically advancing:

- Goal 2: Be a sustainable and resilient community
 - Objective 1: Proactively maintain our water, wastewater, road, bridge, and facilities infrastructure
 - Objective 2: Reduce flooding and adapt to sea level rise
 - Objective 3: Improve climate change resiliency by incorporating local, regional and mega-regional plans

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Neighborhood Enhancement Cylinder of Excellence, specifically advancing:

- Goal 5: Be a community of strong, beautiful, and healthy neighborhoods.
 - Objective 2: Enhance the beauty, aesthetics, and environmental quality of neighborhoods
- Goal 6: Be an inclusive community made up of distinct, complementary, and diverse neighborhoods
 - Objective 1: Evolve and update the land development code to balance neighborhood quality, character and livability through sustainable development

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

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