



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
CONFERENCE MEETING

#17-0729

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

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

DATE: June 20, 2017

TITLE: Emergency Purchases – Pump Station C-26 Wet Well Repair – Luna
Development Corporation. - \$311,847

The purpose of this memorandum is to advise the City Commission of an Emergency Declaration made on March 3, 2017. The emergency declaration was made for repairs to the wet well of Pump Station C-26, located at Southwest 4th Court and Southwest 29th Avenue.

Pursuant to Section 2-190(b) (2), Code of Ordinances of the City of Fort Lauderdale, Florida, emergency purchases are permitted in the event of equipment failure, catastrophic damage to City property, or other similar unexpected event. In such event(s), all normal purchasing procedures and requirements directly related to such emergencies are suspended. With the approval of the City Manager, or purchasing manager, if so designated by the City Manager, the head of any department may purchase any needed emergency supplies, materials, equipment or services where, using the most effective procurement methods in each procurement, as determined by the department head, which made the emergency purchase necessary. If the cost of any purchase exceeds the current formal bid threshold, a full report of such purchase shall be made to the City Commission at the earliest available commission meeting.

The 35 foot deep wet well structure at Pump Station C-26 developed a significant leak at the joints between the lower concrete sections of the wet well. The excessive infiltration was undermining the wet well, created a substantial sink hole, and the real possibility of pipe failure or damage to the lift station and a potential sanitary sewer overflow event.

The repair required extensive shoring, dewatering, and sewage by-pass pumping. The main electrical power to the pump station was disconnected by Florida Power and Light (FPL), the entire electrical system to operate the pump station was removed and reinstalled, and the main power was re-energized by FPL. The pumps in the wet well were also removed and reinstalled. The wet well was drained and cleaned, the joints between the lower concrete sections were sealed inside and out, and the damaged interior liner was repaired. Upon completion of the repairs the entire area was restored back to its original condition. SW 4th Ct. was repaved adjacent to the wet well, and the intersection of Southwest 4th Court and Southwest 29th Avenue was milled and repaved.

All landscaping work was restored including new sod and Coco Plums around the pump station.

Due to the depth and size of the wet well, and the complexity of the work, Staff engaged Luna Development Corporation to perform the repairs. The repair work began March 3, 2017 and was fully completed May 10, 2017.

Resource Impact

There will be a fiscal impact to the City in the amount of \$ 311,847.

<i>Funds available as of June 7,2017</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	PURCHASE AMOUNT
450-PBS060101-3437	Utilities Engineering Operations	Services & Materials/ Improvements, Repairs and Maintenance	\$3,710,273	\$1,711,365	\$311,847
			TOTAL →		\$311,847

Strategic Connections

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

- **Goal 2:** Be a sustainable and resilient community.
- **Objective 1:** Proactively maintain our water, wastewater, and bridge infrastructure.
- **Initiative 5:** Integrate a plan with infrastructure improvements that include modern and efficient energy standards.

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

Attachment

Exhibit 1 – Estimated cost of repairs, C-26 Pump Station Southwest 4th Court

Prepared by: Jean Examond, Project Manager II
Scott Teschky, Senior Project Manager

Department Director: Paul Berg, Public Works