



# Agenda Report

2725 Judge Fran Jamieson  
Way  
Viera, FL 32940

## Consent

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F.7.

10/10/2023

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### **Subject:**

Emergency Construction Contract for the Replacement of the Adamson Road Force Main (District 1).

### **Fiscal Impact:**

Total cost of the replacement is \$657,744.20. Utility Services and Solid Waste are funding the total construction cost, half for each department.

### **Dept/Office:**

Utility Services / Solid Waste

### **Requested Action:**

It is requested that the Board of County (1) find that emergency replacement of the force main is necessary to avoid an immediate danger to the public health and safety, other loss to public property, and further interruption of an essential governmental service; (2) approve a construction contract for the Adamson Road force main replacement in the amount of \$657,744.20; and (3) authorize the County Manager to execute the construction contract and any change orders, if needed, and approval of any Budget Change Request associated with this action.

### **Summary Explanation and Background:**

The section of force main along Adamson Road referenced for this agenda report is from the Cocoa Landfill to Saxton Road (5,380 feet). The referenced force main is used as the means of the landfill discharging the landfill leachate. Recently, it was observed that the force main pressure was excessively high causing a reduction in the amount of discharge able to be pumped into the collection system. Jointly, Solid Waste and Utility Services Departments investigated and undertook through the services of a contractor to clean out the force main. This has not impacted the issue due to the scaling/hardening nature of the leachate. It was concluded that the issue is the current force main installed is oversized and has excessive amounts of elevation changes (dips) resulting in the leachate not flowing at a high enough velocity and the dips causing the leachate to collect and thus scale the pipe.

Solid Waste is facing expenses of approximately \$69,000 per month for hauling, disposal, and labor costs for the leachate while this force main remains inoperable. The Cocoa Landfill is operating outside of its permitting requirements due to the leachate not discharging to a collection system. Any failure at the landfill such as, leachate back up in the landfill that causes discharge from the side slopes into the stormwater system, would result in an FDEP Consent Order and fines. It is imperative this situation be rectified with all deliberate speed on an emergency basis.

Utility Services has coordinated with Atlantic Development of Cocoa, Inc., to perform the replacement and the cost has been reviewed by the Utility Services Department and is acceptable. Atlantic Development can

complete this work in six to eight weeks. However, if the typical design-bid-build process is utilized, it is estimated that the project will take 8 to 12 months to complete.

**Clerk to the Board Instructions:**

E-mail Clerk Memo to [karina.perez@brevardfl.gov](mailto:karina.perez@brevardfl.gov) <<mailto:karina.perez@brevardfl.gov>> and mail original memo to Utility Services & Solid Waste Department.



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October 11, 2023

**MEMORANDUM**

**TO:** Edward Fontanin, Utility Services Director

**RE:** Item F.7., Emergency Construction Contract for the Replacement of the Adamson Road Force Main

The Board of County Commissioners, in regular session on October 10, 2023, approved the finding that emergency replacement of the force main is necessary to avoid an immediate danger to the public health and safety, other loss to public property, and further interruption of an essential governmental service; approved a construction contract for the Adamson Road force main replacement in the amount of \$657,744.20; authorized the County Manager to execute the construction contract and any change orders, if needed; and approved any Budget Change Requests associated with this action.

Your continued cooperation is always appreciated.

Sincerely,

**BOARD OF COUNTY COMMISSIONERS**  
**RACHEL M. SADOFF, CLERK**

*Kimberly Powell*  
Kimberly Powell, Clerk to the Board

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**cc:** Solid Waste Management  
Finance  
Budget

**ATLANTIC DEVELOPMENT OF COCOA, INC.**

2185 W. King Street ♦ Cocoa, Florida 32926

Phone: 321-639-8788 ♦ Fax: 321-639-0936

ggrignon@atlanticdevelopmentofcocoa.com

**QUOTE****ADAMSON RD./LANDFILL FM REPLACEMENT****ADC# 23-035****9/8/2023****A. MOBILIZATION**

DESCRIPTION	QTY	UNIT	PRICE/ITEM	TOTAL
MOBILIZATION, MOT, PAYMENT & PREFORMANCE BOND (1 YR WARRANTY)	1	LS	\$14,525.00	\$14,525.00
ASBUILT DRAWINGS	1	LS	\$17,820.00	\$17,820.00
INSTALL 8" PVC C-900 FM	5380	LF	\$48.25	\$259,585.00
INSTALL 8" DIP P401 LINED	120	LF	\$81.59	\$9,790.80
CONNECT TO EXISTING	2	EA	\$3,586.25	\$7,172.50
10" MJ GATE VALVE *	1	EA	\$6,486.35	\$6,486.35
8" MJ GATE VALVE *	7	EA	\$4,351.65	\$30,461.55
10" X 8" MJ REDUCER *	1	EA	\$1,933.35	\$1,933.35
8" MJ WYE *	1	EA	\$3,496.50	\$3,496.50
8" MJ 45 BEND *	1	EA	\$1,708.00	\$1,708.00
8" MJ 22.5 BEND *	1	EA	\$1,699.50	\$1,699.50
8" MJ 11.25 BEND *	1	EA	\$1,454.65	\$1,454.65
8" X 2" ABOVE GROUND ARV ASSEMBLY *	4	EA	\$11,509.70	\$46,038.80
PERM PIG LAUNCHING STATION	2	EA	\$18,567.05	\$37,134.10
PRESSURE TEST	1	LS	\$13,755.10	\$13,755.10
REMOVE & DISPOSE @ LANDFILL EXIST 10" FM	5400	LF	\$8.65	\$46,710.00
REMOVE & REPLACE GRAVEL DRIVEWAY	3	EA	\$3,200.00	\$9,600.00
REMOVE & REPLACE ASPHALT DRIVEWAY	2	EA	\$3,495.35	\$6,990.70
REMOVE & REPLACE CONCRETE DRIVEWAY	2	EA	\$3,895.75	\$7,791.50
REMOVE & REPLACE ASPHALT ENTRANCE TO LANDFILL(NIGHTWORK) 50' x 8' patch 3" THICK TLD W/FIBER	1	LS	\$18,142.80	\$18,142.80
REGRADE & SOD(BAHIA) DISTURBED AREA	162000	SF	\$0.48	\$77,760.00
MILL & RESURFACE LANDFILL ENTRANCE(if required)	1	LS	\$37,688.00	\$37,688.00
<b>TOTAL</b>				<b>\$ 657,744.20</b>

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**QUOTE**

**ADAMSON RD./LANDFILL FM REPLACEMENT**

**ADC# 23-035**

**9/8/2023**

**A. MOBILIZATION**

<b>JOB TOTAL:</b>		<b>\$ 657,744.20</b>
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**EXCLUSIONS**

All items affected by cost of petroleum products are subject to any future price escalations of said petroleum products. (including, but not limited to, concrete curb, concrete sidewalk, asphalt, etc.) Unless otherwise noted proposal does not include connection charges, fees, bonds, testing, permits, NPDES Monitoring, construction lay out, as built drawing, relocation of any utility, rock excavation, de-mucking, concrete flat work, sod, seed, mulch or any unforeseen obstructions or obstacles, or the replacement of any unsuitable materials. Earthwork prices are submitted based upon all on-site excavated material being suitable for structural fill. Earthwork prices do not include removal and/or replacement of any organic or hardpan materials underlying the retention area, building pads or roadways. Unless a lump sum price is to be paid for the foregoing work, and is clearly so stated, it is understood and agreed that the quantities referred to above the estimates only and that payment shall be made at the stated unit prices on the actual quantities of work performed by the contractor as determined upon completion of the work and based on field measurements. This proposal expires thirty (30) days from the date here of, but may be accepted at any later date at the sole option of Atlantic Development of Cocoa, Inc. Bids and proposals are not commitment to do a job. All jobs are subject to credit approval and funds availability. Atlantic Development reserves the right to withdraw any bid provided.

**Accepted by:**

**Date:**

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**(Signature)**

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**(Print)**