



## City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	File No.:	Item Type:	1 <sup>st</sup> Reading	2 <sup>nd</sup> Reading	
<b>10/30/2024</b>	<b>24-402</b>	<input checked="" type="checkbox"/> <b>Resolution</b>	Ordinance Reading	<b>N/A</b>	<b>N/A</b>
		<input type="checkbox"/> <b>Ordinance</b>	Public Hearing	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> <b>Other</b>	Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
			Quasi-Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
Fiscal Impact (\$):	Account Balance (\$):	Funding Source:	Project Number:		
<b>\$2,252,971</b>	<b>\$2,267,479</b>	<b>4838-56500</b>	<b>P1713</b>		
Contract/P.O. Required	RFP/RFQ/Bid Number:	Sponsor Name:	Department:		
<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	<b>N/A</b>	<b>Jeff Odoms, Director</b>	<b>Public Works</b>		
Strategic Plan Focus Areas:					
<input checked="" type="checkbox"/> <b>Fiscal Stability</b>	<input type="checkbox"/> <b>Resident Services</b>	<input type="checkbox"/> <b>Public Safety</b>	<input checked="" type="checkbox"/> <b>Infrastructure &amp; Mobility</b>	<input type="checkbox"/> <b>Economic Development &amp; Affordable Housing</b>	
Implementation Timeline:					
Estimated Start Date: 10/30/2024			Estimated End Date: 12/31/2025		

**SHORT TITLE:**

**A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING AN AGREEMENT FOR INFLOW AND INFILTRATION PHASE 2A LATERAL TELEVISIONING AND LINING PROJECT TO BLD SERVICES, LLC IN THE AMOUNT OF TWO MILLION, ONE HUNDRED AND FIVE THOUSAND, FIVE HUNDRED AND EIGHTY DOLLARS (\$2,105,580); AND PROVIDING FOR AN EFFECTIVE DATE.**

**STAFF SUMMARY:**

**Summary:**

This agenda item seeks the City Commission’s approval of staff’s recommendation to select BLD Services, LLC (“BLD”), to perform the inflow and infiltration Phase 2A Lateral televising and lining project per Florida Statute 255.20 and the City’s Procurement Code,

Section 23-8 (4) No Bid Received. Where no bid has been received after publication of a bid proposal; however, such purchases in excess of \$50,000 require a formal, written contract approved by the City Commission. The amount requested for the award is \$2,105,580 plus approximately 7% contingency (\$147,391)) for a not to exceed amount of \$2,252,971.

**Background:**

Inflow and infiltration (“I&I”) refers to the unwanted intrusion of rainwater and groundwater into the sewer system through cracks and other openings within the wastewater infrastructure. This additional water is conveyed to the wastewater treatment plant in Hollywood. Since the City is billed for wastewater treatment based on volume, the extra water significantly increases the operational costs of wastewater treatment for the City. Furthermore, excessive stormwater and groundwater entering the sewer system reduce the available treatment capacity at the City of Hollywood wastewater treatment facility. As a result, the City incurs additional expenses for maintenance, repairs, and upgrades to the wastewater treatment facility, as these costs are also allocated based on the total volume processed.

To identify infiltration into the wastewater collection system, we use video camera inspections of gravity sewer lines, focusing primarily on cracks, breaks, and tree root intrusions, among other issues. The underground system comprises wastewater force mains and gravity mains that collect and transport wastewater throughout the City to the treatment facility. Lateral lines connect individual residences and businesses to the sewer mains. The connection points between lateral lines and sewer mains are prone to leaks and breakages over time.

Lining the sewer infrastructure significantly reduces inflow and infiltration into the system, thereby decreasing the volume of water sent to the City of Hollywood for treatment. This reduction not only lowers the City's costs but also optimizes the usage of the existing wastewater treatment capacity.

On September 17, 2018, upon second reading of Ordinance Number 2018-026 (Exhibit 4), the City Commission authorized the application for and acceptance of funds (SRF Loan number WW06172) from the State Revolving Fund (“SRF”) through the Florida Department of Environmental Protection (“FDEP”) Program. In conjunction with the program, a Water, Wastewater and Stormwater Facilities Plan was prepared to update the planning and coordination of the City’s utility systems improvements. This Facilities Plan placed a heavy emphasis on I&I remediation of the sanitary sewer collection system. The City Commission, via Resolution No. 2019-051 dated June 20, 2019 (Exhibit 5), subsequently approved Phase 2 of Sanitary Sewer Mainline Repairs.

This service was solicited a total of 5 times with no formal award:

- BID # FY 2022-2023-020 Inflow and Infiltration Phase 2A Lateral Televising and Lining Project

- BID # FY 2021-2022-012 Inflow and Infiltration Phase 2A Lateral Televising and Lining Project
- BID # FY 2020-2021-011 Inflow and Infiltration Phase 2A Lateral Televising and Lining Project
- BID # FY 2020-2021-010 Infiltration and Inflow Removal Phase 2A Lateral Repairs PVC Pipe Replacement Project
- BID #FY2019-2020-008 Infiltration and Inflow Removal Phase 2A Lateral Repairs

**Current Situation:**

The proposed Phase 2A Lateral televising and lining project is a continuation of the efforts to address and remediate inflow and infiltration within the sanitary sewer system. The inflow and infiltration project involves the televising and lining of sewer systems to identify and address areas where groundwater or stormwater is infiltrating the sewer system. This is crucial for maintaining the integrity and efficiency of our wastewater infrastructure and is standard best practice for the operation and maintenance of an underground wastewater system.

This project, per the proposed Agreement (Exhibit 2) involves repairing approximately 385 lateral connections, conducting video inspections, and cleaning approximately 3,500 linear feet of sewer mains and about 650 linear feet of lateral lines. It also includes the repair and installation of lateral cleanouts, which help the City and residents inspect and maintain the wastewater lines serving individual properties.

On September 19, 2023, the City published Bid No. FY 2022-2023-020 for the Inflow and Infiltration Phase 2 Lateral Televising and Lining Project. The release notice for the Bid was sent via email to vendors from the City's Vendor list and pertinent vendors that have a City Business Tax License to operate in the City.

The Bid was also advertised on:

- Hallandale Beach Chamber of Commerce website,
- City's website,
- DEMANDSTAR.com,
- City Social Media pages,
- Miami Minority Business Development Agency Business Center,
- U.S. Small Business Administration,
- Broward County Community Relations and Outreach Section Office of Economic and Small Business Development.

A non-mandatory pre-bid meeting was held on September 27, 2023, and Addendum No. 1 to the bid was issued on October 5, 2023.

Unfortunately, no proposals were submitted by the bid closing date of October 23, 2023.

Per Florida Statute 255.20 and the City's Procurement Code, Section 23-8 (4) No Bid Received, the City may proceed with soliciting quotes.

After evaluating the situation and considering options, City staff decided the best course of action was to obtain quotes directly from a vendor experienced in this type of work in Broward County, who has successfully completed similar projects within the City. BLD provided the lowest responsible quote (Exhibit 3). The Department of Public Works recommends selecting this vendor to perform the work for the inflow and infiltration Phase 2A Lateral televising and lining project which is the same scope the City solicited through Bid No. FY 2022-2023-020.

**Why Action is Necessary:**

Pursuant to Code of Ordinances, in accordance with Procurement Code Section 23-8 "Exception to bid requirements, (4) *No bid received*. Where no bid has been received after publication of a bid proposal; however, such purchases in excess of \$50,000 require a formal, written contract approved by the City Commission."

**Cost Benefit:**

Performing an inflow and infiltration (I&I) project for the city presents significant cost benefits by enhancing the efficiency of the gravity sewer system and extending the useful life of the underground pipes. By reducing the amount of groundwater and stormwater entering the sewer system, the city can substantially decrease the volume of water needing treatment at the wastewater facility. By optimizing the inflow and infiltration levels, the city can maximize its allocated treatment capacity at the City of Hollywood wastewater treatment facility, ensuring sufficient space for future growth and development without incurring additional costs for capacity expansion

Additional operational benefits include:

- Reduction in Lift Station Pump runtime because of reduced flow
- Reduction in sand intrusion into the system, thereby reducing damage to the pump impellers
- Reduced power consumption
- Reduced employee overtime from reduced repairs and maintenance
- Reduced complaints of sewer back-ups and improved clean-out access

Although the potential cost savings are difficult to quantify, the reduction in volume directly lowers the operational costs associated with treatment, including energy, chemicals, and labor. Additionally, improved efficiency in the sewer system minimizes the risk of overflows and backups, further saving on emergency response and repair expenses. Overall, the I&I project not only yields immediate financial savings but also contributes to long-term sustainability and operational efficiency.

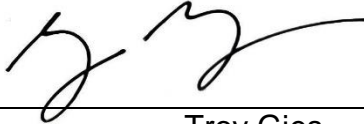
**PROPOSED ACTION:**

The City Commission consider the attached Resolution.

**ATTACHMENT(S):**

- Exhibit 1 – Proposed Resolution
- Exhibit 2 – Draft Agreement
- Exhibit 3 – BLD Proposal – Phase 2 I&I Lateral Televising and Lining
- Exhibit 4 – Ordinance No. 2018-026
- Exhibit 5 – Resolution No. 2019-051

Prepared By: \_\_\_\_\_



Troy Gies  
Assistant Director of Public Works-  
Internal Operations

Reviewed By: \_\_\_\_\_

*Jeff Odoms*

Jeff Odoms  
Director of Public Works

Reviewed By: \_\_\_\_\_

*Noemy Sandoval*

Noemy Sandoval  
Assistant City Manager