



City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	Item Type:		1 st Reading	2 nd Reading
9/1/2021	<input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Ordinance <input type="checkbox"/> Other	Ordinance Reading	N/A	N/A
		Public Hearing	<input type="checkbox"/>	<input type="checkbox"/>
		Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
		Quasi Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
File No.:				
21-320				
Fiscal Impact (\$):	Account Balance (\$):	Funding Source:	Project Number :	
\$99,629.15	\$49,000 \$26,673 \$8,880 \$30,153.98 \$26,673	4610 534010 P1715 3310W 534010 P1715 3510S 534010 P1715 3390W 534010 P1715 3310W 534010 P1715	P1715	
Contract/P.O. Required	RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	N/A	Jeff Odoms, Director of Public Works	Public Works	
Strategic Plan Focus Areas:				
<input type="checkbox"/> Finance & Budget	<input checked="" type="checkbox"/> Organizational Capacity	<input checked="" type="checkbox"/> Infrastructure/Projects		
Implementation Timeline:				
Estimated Start Date: 9/1/2021 Estimated End Date: 11/30/2021				

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, FINDING UNIQUE CIRCUMSTANCES TO WAIVE COMPETITIVE BIDDING REQUIREMENTS TO PROCURE INSTALLATION OF FAST CHARGER AT THE CITY WATER PLANT FACILITY BY FLORIDA DESIGN DRILLING CORPORATION IN AN AMOUNT NOT TO EXCEED NINETY-NINE THOUSAND, SIX HUNDRED THIRTY DOLLARS (\$99,630); AND PROVIDING AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

Staff is seeking City Commission authorization to enter into a contract with Florida Design Drilling Corporation to construct/install a Direct Current Fast (DC Fast) Electric Vehicle Charger in an amount not to exceed \$99,629.15.

Background:

On April 7, 2021 and March 19, 2021 the City Commission authorized the purchase of two electric vehicles for the Parking program. These vehicles were purchased with the understanding that a DC Fast Charger would be installed at the Public Works Compound to facilitate the frequent need for these constantly used vehicles to charge with limited down time.

There are three types of Electric Vehicle Chargers: Level 1, Level 2, and Level 3/DC Fast Charging. Level 1 (120 volts) is unsuitable for anything other than residential overnight charging as it provides 3-7 miles of charge per hour. Level 2 (208-240 volts) are the types of chargers which are installed at City Hall which provide between 10-60 miles of charge per hour. Level 3/DC Fast Charger (480 volts) can supply between 175-500 miles of range per hour.

On March 17, 2021 the City purchased a DC Fast Charger, and on July 15, 2021 the DC Fast Charger was delivered.

Public Works staff assessed multiple locations to potentially install this DC Fast Charger. Due to the electrical supply necessary to support fast charging the installation would either require a new 480 volt transformer be installed and a great distance of asphalt be cut, or we could use an existing 480 volt supply at our Water Plant and cut much less asphalt. Staff decided that utilizing the existing 480 volt supply would be most fiscally responsible. Hazen and Sawyer, through the City's CCNA contracts, completed an electrical engineering design for the DC Fast Charger Installation.

Florida Design Drilling Corporation is already performing general contracting and electrical work on-site at the DC Fast Charger installation location. In an effort to keep costs down, but also reduce potential delays due to multiple contractors' work overlapping or conflicting, staff is suggesting that the DC Fast Charger installation be done by Florida Design Drilling Corporation due to "unique circumstances".

Current Situation:

On September 2, 2020 the City Commission awarded Bid #2019-2020-003 for the construction of the Transfer Pump Replacement Project to Florida Design Drilling Corporation in an amount not to exceed 1,819,400 (Exhibit 2). In an effort to reduce conflict and potential project delays by having two contractors working on separate projects in the same physical location, staff is requesting that City Commission authorize the City utilize Florida Design Drilling Corporation to carry out the work to install the Fast Charger.

Why Action is Necessary:

Pursuant to Chapter 23, Section 23-8, Unique Circumstances, the City Commission may find unique circumstances to establish that competitive bidding is not in the best interest of the City.

Cost Benefit:

The cost of installation of the DC Fast Charger is \$99,629.15. This charger will allow the Parking Program vehicles and future fleet electric vehicles to charge in approximately 30 minutes. Given that the Parking vehicles are already in operation, the need for this installation is urgent. By utilizing the contractor already on-site at Public Works, doing electrical and general contracting, we maximize efficiency to make the DC Fast Charger operational as quickly as possible.

PROPOSED ACTION:

Staff recommends the City Commission approve the attached Resolution authorizing the City Manager to enter a contract with Florida Design Drilling Corporation under “unique circumstances” for the purpose of installing DC Fast Charging equipment alongside the Transfer Pump project at the same location.

ATTACHMENT(S):

- Exhibit 1 – Proposed Resolution
- Exhibit 2 – Resolution 2020-071
- Exhibit 3 – Cost Proposal

Prepared By: *Alyssa Jones Wood*
Alyssa Jones Wood
Sustainability & Resiliency Officer

Reviewed By: *Aqeel Abdool-Ghany*
Aqeel Abdool-Ghany
Assistant City Engineer

Approved By: *Noemy Sandoval*
Noemy Sandoval
Assistant City Manager