



Memorandum

Date: February 12, 2025

To: Honorable Mayor and Councilmembers

From: Zeida C. Sardiñas
City Manager

Department: Carlos Arroyo
Public Works Director

Subject: **Award Recommendation of ITB 2024-19 Traffic Calming –
Landmark to Florida Sol Systems**

Introduction

This memorandum provides Staff's recommendation for the Mayor and the City Councilmembers to authorize the City Manager to award Invitation to Bid ITB 2024-19 Traffic Calming – Landmark to Florida Sol Systems.

Background

Throughout recent years the Public Works Department (PWD) has received numerous speeding concerns within the Landmark Community. As a result of these concerns, the PWD conducted a 7-day traffic speed data collection in May of 2019. The data was collected along the following three (3) segments of City corridors within the Landmark Community (Community):

- NW 66th Street from NW 107th Avenue to NW 104th Avenue
- NW 66th Street from NW 104th Avenue to NW 102nd Avenue
- NW 104th Path from NW 66th Street to NW 107th Avenue

The data collection revealed that the only segment that experienced a slight speeding condition was NW 66th Street east of NW 104th Avenue. However, at the time of the data collection, the buildings adjacent to this segment were still under construction. As such, no one was living in this

area and the on-street parking was not being occupied. In order to comply with Miami-Dade County (MDC) requirements, the data needed to be recollected after the construction was completed to account for normalized traffic patterns. The City met with Landmark Property Manager and a few Board Members on June 6, 2019, to present the May 2019 data findings and recommended revisiting the concerns once the Community was fully built out.

In September of 2020, the PWD once again received requests from residents of Landmark at Doral Community to install traffic calming devices to slow down vehicles along NW 66th Street between NW 102nd Avenue and NW 107th Avenue. The residents expressed concerns with high vehicle speeds along this road and the proximity of on-street parking and residences' entrance to the street. The City also received a request to increase pedestrians/bicyclists' safety at the crossings located at NW 62nd Street, NW 66th Street, and NW 104th Path along the existing shared-use path that runs parallel to NW 107th Avenue.

On February 2021, the PWD initiated the Landmark Traffic Calming Study. The Traffic Calming Study for the Landmark Community included traffic data collection, crash analysis, public involvement, coordination with Miami-Dade County, as well an assessment of the two (2) pedestrians/bicycle shared use path crossings located at NW 66th Street east of NW 107th Avenue, and at NW 62nd Street east of NW 107th Avenue.

Based on the analysis, the following recommendations were made to improve operations and safety along the study segments and the shared use path crossings:

- Segment NW 66th Street from NW 107th Avenue to NW 102nd Avenue
 - Install high emphasis crosswalk equipped with Pedestrian Hybrid Beacon at:
 - NW 66th Street and NW 104th Path
 - NW 66th Street b/w NW 103rd Place and NW 102nd Path
 - Install Traffic Signal with pedestrian push button at the intersection of NW 66th Street and NW 104th Avenue
 - Install shared lane markings (“Sharrows”) on both travel directions along NW 66th Street
 - Consider installing speed feedback signs along NW 66th Street for both travel directions
- Segment NW 104th Path from NW 66th Street to Limestone Trail
 - Install Speed Humps for northbound and southbound travel directions
 - Midblock b/w NW 66th Street and NW 64th Lane
 - Midblock b/w NW 64th Lane and south end of NW 104th Path
- Segment NW 104th Avenue from NW 66th Street to NW 74th Street
 - Install Speed Limit Sign (30 MPH) for northbound and southbound traffic
 - Monitor speed and if speeds continue to be an issue, install Speed Feedback signs
- Shared Use Path crossing at NW 66th Street

- Realign/Redesign shared use path so that pedestrian/bicyclists use the east crosswalk at the signalized intersection of NW 107th Avenue
- Shared Use Path crossing at NW 62nd Street
 - Install high emphasis crosswalk markings
 - Install Bicycle/Pedestrian (W11-15) sign, Trail Crossing Plaque (W11-15P), and Downward Diagonal Arrow Plaque (W16-7P) at the path crossing facing eastbound and westbound traffic
 - Regular trimming of trees adjacent to the signs located on the north side of NW 62nd Street to improve visibility of the signs for westbound vehicles
- Shared Use Path crossing at Limestone Trail
 - Realign/Redesign shared use path
 - As a short-term solution, remove the landscaping on the west side of NW 104th Path that is restricting sight distance for pedestrians at the crosswalk and install high emphasis crosswalk marking and standard signs for shared use path

At the February 2021 Council Meeting, the Mayor and City Councilmembers approved Resolution No. 22-25 (approved 5-0) adopting the Landmark Traffic Calming Study. The PWD requested a proposal from Stantec, Inc. to provide design engineering services as outlined in the Landmark Traffic Calming Study. Design services were completed on August 1, 2024.

City Staff prepared ITB No. 2024-19 to identify a qualified and experienced contractor to provide all material, labor, equipment and services to accomplish the “Traffic Calming – Landmark Infrastructure Improvements” work, which generally entails the installation of ten (10) each Rapid Flashing Beacons, signs, sign support structures, electrical cabinets, electronics, conduits, pull boxes, wiring, grounding, pedestrian pushbuttons and all the necessary appurtenances needed to meet the requirements of the Miami Dade County Specifications Section 654, four (4) speed humps, depressed sidewalks, new striping and asphalt surfaces.

Procurement

On November 5, 2024, the City of Doral issued ITB No. 2024-19 inviting all qualified and experienced firms to submit bids for the Landmark Traffic Calming work. Public notice was legally advertised in a local newspaper of general circulation in accordance with Florida Statutes. Notices were also posted on the City’s website, VendorRegistry.com, and Demandstar.com, with electronic broadcast to numerous vendors. The Department of Procurement and Asset Management held a publicly noticed non-mandatory pre-bid conference on November 13, 2024.

On December 4, 2024, the City received and opened one (1) proposal from the following respondent: Florida Sol Systems, Inc.

Responsiveness, responsibility, and references were reviewed for the single submittal. After reviewing this submittal with subject matter expert staff, it was determined that it is in the best interest to recommend award of this ITB to Florida Sol Systems, Inc. in the amount of

\$594,045.76, which includes a 10% contingency for any unforeseen conditions and a 2% dedicated allowance for anticipated permitting costs.

Fiscal Impact

The contract with Florida Sol Systems will have a fiscal impact of \$594,045.76, which includes a 10% contingency for any unforeseen conditions and a 2% dedicated allowance for anticipated permitting costs. Funding for this request is available from the Public Works Transportation Fund, “Improvement - Street” Account, Account Num. 101.80005.500633.

Strategic Plan Alignment

This item follows the Public Safety strategic initiative of the City’s Strategic Plan as it addresses infrastructure improvements.

Recommendation

The City Staff respectfully requests that the Mayor and City Councilmembers authorize the award of ITB 2024-19 Traffic Calming – Landmark to Florida Sol Systems and authorize the City Manager to enter into a construction contract with Florida Sol Systems, Inc. to provide labor and materials for the project in an amount of \$594,045.76, which includes a 10% contingency for any unforeseen conditions and a 2% dedicated allowance for anticipated permitting costs.