



Town of Lake Park Town Commission

Agenda Request Form

Meeting Date: January 03, 2024

Originating Department: Public Works

Agenda Title: Resolution of the Town Commission of the Town of Lake Park, Florida, Authorizing the Town Manager to Accept a Proposal from Water Resources Management Associates, Inc. for Post Design Support and Project Management Services related to the 2nd Street Resurfacing and Green Infrastructure Project.

Approved by Town Manager: John D'Agostino Digitally signed by John D'Agostino
DN: cn=John D'Agostino, o=Town of Lake Park,
ou=Town Manager,
email=jdagostino@lakeparkflorida.gov, c=US
Date: 2023.12.19 10:59:32 -05'00' **Date:**

Cost of Item: \$ 23,445.00 **Funding Source:** Grant & Contingency Funds

Account Number: Various **Finance Signature:** Jeffrey P. Duvall Digitally signed by Jeffrey P. Duvall
DN: cn=Jeffrey P. Duvall, o=, ou, email=jduvall@lakeparkflorida.gov, c=US
Date: 2023.12.15 11:52:33 -05'00'

Advertised:
Date: N/A **Newspaper:** N/A

Attachments: Agenda Request Form
Resolution for Post Design Support
WRMA Proposal for EOR Post Design Support Services

Please initial one:
Yes I have notified everyone
JW Not applicable in this case

Summary Explanation/Background:

The development of the Town's Stormwater Master Plan (SWMP) provided an opportunity to engage in extensive research and advanced hydrology and hydraulic modeling that confirmed that the Town's storm water network lacks capacity to convey rainfall runoff from mostly impervious dense urban areas for storm events of significance. Additionally, the study also identified localized flooding in at least 23 locations throughout the Town, including two areas of significance on 2nd Street.

In 2021, the Town received grant funding from the Florida Department of Environmental Protection for the development of complete design plans that could be used in addressing this localized flooding.

In collaboration with Town staff, our stormwater engineering consultants developed a practical,

Green Infrastructure project to address localized flooding on 2nd Street by placing roadside bioswales at the intersections of 2nd Street and Foresteria Drive (Figure 1) and 2nd Street and Evergreen Drive (Figure 2).

Figure 1



Figure 2



The next phase of this project is the construction phase. To offset costs of construction and to help bring this vital project to reality, Town staff has continued to proactively seek grant funding opportunities from various Federal and State agencies.

In 2022, the Town was notified of the pending award of additional grant funding to cover the cost of construction for this roadside storm-water mitigation project. The project title is **“Storm Water Master Plan 5% Roadway Bioswales Program – 2nd Street Project”**.

The State of Florida Department of Environmental Protection (FDEP), Resilient Florida Program has formally awarded the construction funding grant to the Town of Lake Park have issued the Grant Agreement document for Town review and execution. The grant funding amount is \$533,758.54

The FDEP, Resilient Florida Program Grant will provide the Town with needed financial resources required to implement this 2nd Street bioswale project, as recommended in the Town’s Stormwater Master Plan.

Town staff prepared an invitation to bid for the 2nd Street Resurfacing and Green Infrastructure (GI) project based on design plans prepared by Water Resource Management Associates, Inc. (WRMA), a storm-water engineering company hired by the Town of Lake Park to prepare storm-water engineering plans for the 2nd Street project.

On Thursday, June 08, 2023, bid proposals were received by the Town for the 2nd Street GI project work.

Three qualified bid proposals were received and after analysis of the bid proposals, a determination was made that the Sunshine Land Development bid proposal was compliant and satisfied all bid requirements and was the responsive low bid contractor with a bid price of **\$526,513.12**.

With the design work complete and the construction contract awarded the Town is prepared to commence with the project construction.

In addition to the project management and field inspections that Town staff will perform, it is imperative and required by the Grant provider that the Engineer of Record, Water Resource Management Services, provide post design and construction support for the project. The support will be in the form of shop drawing review & approval, on-site construction monitoring of critical installations and final inspections and certifications.

Town staff is recommending WRMA for this post design work at a cost of \$23,445.00. This post design work will be paid for by using surplus grant monies and contingency amounts included in the construction budget.

The Town Manager recommends approval of the contract with Water Resources Management Services, Inc.

Recommended Motion: I move to adopt Resolution No. _____.