

RESOLUTION NO. 2022 – 3970

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF MIAMI SPRINGS, FLORIDA, APPROVING THE ISSUANCE OF A WORK ORDER TO BERMELLO, AJAMIL & PARTNERS, INC. FOR PHASE 2 OF THE OAKWOOD AND EAST DRIVE STORMWATER AND ROADWAY IMPROVEMENTS PROJECT CONSISTING OF DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS, AND COORDINATION AND PERMITTING WITH REGULATORY AGENCIES, IN AN AMOUNT NOT TO EXCEED \$276,930; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on March 8, 2021, the City of Miami Springs (the “City”) Council adopted Resolution No. 2021-3899 approving an agreement (the “Agreement”) with Bermello Ajamil & Partners, Inc. (the “Consultant”) pursuant to Request for Qualifications No. 01-19/20 for continuing professional services relating to architectural and engineering services; and

WHEREAS, in accordance with the terms of the Agreement, the Public Works Department solicited and the Consultant provided a proposal to provide engineering services (the “Services”) for the Oakwood and East Drive Stormwater and Roadway Improvements Project (the “Project”) and recommended that the Project be divided into four phases; and

WHEREAS, on April 26, 2021 and August 9, 2021, the City Council adopted Resolution Nos. 2021-3911 and 2021-3927, respectively, approving the issuance of work orders for Phases 1 and 1B of the Project; and

WHEREAS, the Consultant has submitted a proposal to the City for the Services for Phase 2 of the Project in an amount not to exceed \$276,930, which is attached hereto and incorporated herein as Exhibit “A” (the “Proposal”); and

WHEREAS, the Consultant’s Proposal provides that Phase 2 of the Project will consist primarily of attending meetings and coordinating with the Florida Department of Environmental Protection; performing subsurface utility engineering (SUE); preparing a geotechnical report; preparing stormwater, landscape, and traffic design drawings and documents; coordinating with regulatory agencies for permitting; preparing stormwater, landscape, and traffic design construction drawings, specifications, and submittals and

an opinion of probable construction costs; and

WHEREAS, the City has budgeted for the Services for Phase 2 of the Project within the 2021-2022 fiscal year budget and Phase 2 of the Project will be reimbursed by the Florida Department of Transportation pursuant to a state-funded legislative appropriation accepted and approved by Council Resolution No. 2021-3929 on August 9, 2021; and

WHEREAS, the City Council wishes to authorize the City Manager to issue a work order to the Consultant for Phase 2 of the Project, consistent with the Proposal and the Agreement, in an amount not to exceed \$276,930; and

WHEREAS, the City Council finds that this Resolution is in the best interest and welfare of the residents of the City.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF MIAMI SPRINGS, FLORIDA, AS FOLLOWS:

Section 1. Recitals. The above recitals are confirmed, adopted, and incorporated herein and made a part hereof by reference.

Section 2. Approval. That the City Council hereby authorizes the City Manager to issue a work order to the Consultant for Phase 2 of the Project, consistent with the Proposal and the Agreement, in an amount not to exceed \$276,930.

Section 3. Effective Date. That this Resolution shall be effective immediately upon adoption.

The foregoing Resolution was offered by Councilman Best who moved its adoption. The motion was seconded by Councilman Vazquez and upon being put to a vote, the vote was as follows:

| | |
|-------------------------------|------------|
| Vice Mayor Jacky Bravo | <u>YES</u> |
| Councilman Bob Best | <u>YES</u> |
| Councilman Dr. Walter Fajet | <u>YES</u> |
| Councilman Dr. Victor Vazquez | <u>YES</u> |
| Mayor Maria Puente Mitchell | <u>YES</u> |

PASSED AND ADOPTED this 24th day of January, 2022.



MARIA PUENTE MITCHELL
MAYOR

ATTEST:



ERIKA GONZALEZ, MMC
CITY CLERK



APPROVED AS TO FORM AND LEGAL SUFFICIENCY
FOR THE USE AND RELIANCE OF THE CITY OF MIAMI SPRINGS ONLY:



WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
CITY ATTORNEY

Exhibit "A"

Bermello Ajamil & Partners, Inc. Proposal dated January 19, 2022 for Phase 2

January 19, 2022

SCOPE OF SERVICES

WORK AUTHORIZATION – Phase 2

City of Miami Springs

East Drive Stormwater and Roadway improvements

INTRODUCTION

The City of Miami Springs (City) owns, operates, and maintains a stormwater management system within its service area in accordance with the FDEP grant. The drainage system consists of a catch basin and pipeline network that conveys water by gravity towards the C6 drainage canal, which is managed by the South Florida Water Management District (SFWMD). The drainage area along Oakwood drive, south of Stafford Park has been designated high priority due to constant flooding. Localized conditions worsen this situation: 1. the groundwater table elevation in the area remains high throughout the year, and 2. SFWMD keeps the C-6 canal stages elevated enough to provide little to no head for stormwater to drain by gravity. The area is approximately 0.1 square miles, as indicated in the Project Area section.

In addition to the stormwater improvements along Oakwood drive, BA shall provide design services including drawings and calculations for the drainage, roadway improvements and beautification of East Drive from NW 36th Street on the south to South Royal Poinciana Blvd. on the north. The design shall be consistent with standards established by the City of Miami Springs and Miami-Dade regulations. Based on recommendations and approvals by the City of Miami Springs completed under Phase 1, BA shall provide design, specifications and drawings for the redevelopment of this corridor to accommodate pedestrian, bicycle and vehicular activity including a roundabout at the intersection of East Drive and Oakwood Drive, as well as provide final calculations and permits as required for stormwater management and landscape improvements along this corridor.

PROJECT AREA

Stormwater improvements

As noted in Figure 1, the project area consists of the South portion of Stafford Park, Oakwood Drive from East Drive to Kenmore and Kenmore Dr. N to the C-6 Miami Canal.



Figure 1. Oakwood Drive Stormwater Improvements Project Area

Roadway Improvements/ East Drive Beautification

The project boundaries are delineated by the ROW of East Drive from NW 36th Street to Royal South Poinciana Blvd, approximately 2,900 Lin. Ft. in length.

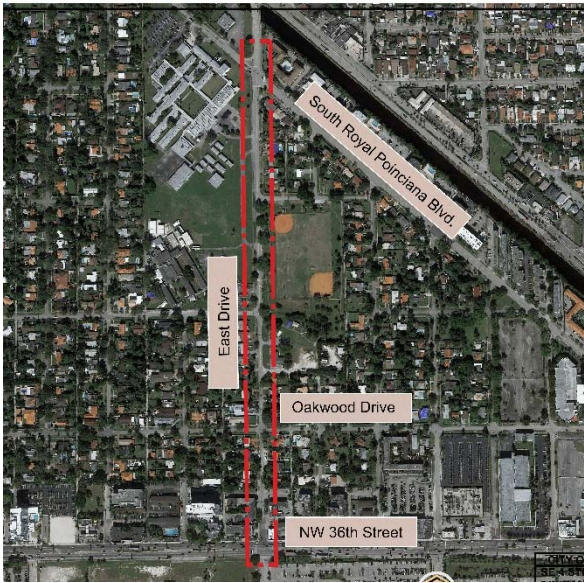


Figure 2. East Drive Roadway Improvements Project Area

OBJECTIVE

The main objective of this SOW is to prepare the design, specifications and permitting for roadway and drainage improvements along Oakwood Drive, Stafford Park and East Drive corridor. This project will address flooding issues and landscape beautification in the area in accordance with FDEP and City of Miami Springs standards. The project shall consider the conveyance of runoff generated in the project area and the installation of a new stormwater pump

station, piping and outfall to the C6 canal, as an alternative to solve the minimal head availability that the project area is currently experiencing and provide landscape beautification to the East Drive corridor.

SCOPE OF WORK

The City has requested Bermello Ajamil and Partners (BA) to provide professional engineering services for the **East Drive Roadway Improvements Project** under their current CCNA continuing services agreement with the City. This SOW has been prepared in accordance with City recommendations that were discussed during a meeting, site visit and inspection with City and BA staff on March 26, 2021 and were separated into three phases:

| | |
|----------|------------------------------------------------------------------------------------------------|
| PHASE 1: | Survey, Background Information, Data Analysis and Preliminary Design (completed by 11/1/21) |
| PHASE 2: | Design Development and Construction Documents, Regulatory Agencies Coordination and Permitting |
| PHASE 3: | Bidding and Construction Management Support |

PHASE 2: Design Development and Construction Documents, Regulatory Agencies Coordination and Permitting

WORK BREAKDOWN SCHEDULE

BA proposes to provide the services identified below for the project entitled **East Drive Roadway Improvements** with the City of Miami Springs for the **PHASE 2: Design Development and Construction Documents, Regulatory Agencies Coordination and Permitting** into the following Tasks:

Task 2.1 – Meetings and FDEP Coordination

BA shall schedule and participate in periodic meetings and/or teleconference calls with the City and FDEP staff to discuss project schedule, major milestones and review pertinent available data. BA shall also coordinate with FDEP project management and provide all forms and project updates, as required by the FDEP grant protocol.

Deliverables:

- Under this task, BA will be responsible for the preparation of meeting minutes and reports, as needed.
- BA will participate in two (2) design meetings and permitting to review 60% and 90% design deliverables with City staff including operations and management staff.
- BA will assist the City of Miami Springs in the submittal and coordination with Federal and State agencies regarding funding available for this project (funding from FDEP 319 grant pending).

Task 2.2 – Subsurface Utility Engineering (SUE)

BA shall subcontract and perform up to 10 soft dig/test holes to verify the size, depth, type of material, and horizontal location of existing utilities that may be along the pipeline corridor (within the topographic survey limits), which may affect the design of the drainage improvements.

Deliverables:

- Records obtained through Sunshine design ticket process – one (1) hard copy
- Soft Dig Report(s) – one (1) hard copy, and an electronic copy

Task 2.3 – Geotechnical

BA shall subcontract and perform six (6) soil borings tests to a depth of 15 feet for utilities, borehole percolation tests at depths of 15 feet for use in drainage calculations along East Drive and Stafford Park, and a soil boring tests at a depth of

30' for foundations for the pump station. Subconsultant shall inspect all samples, set up appropriate laboratory tests, perform appropriate analysis and prepare a report of recommendations for the purpose of documenting subsurface conditions encountered. The geotechnical report will include test boring location plan as well as graphic logs of the soil test borings and results of laboratory test as performed.

Deliverables:

- Geotechnical report including test boring location plan as well as graphic logs of the soil test borings and results of laboratory test as performed – one (1) hard copy, and an electronic copy.

Task 2.4 – Design Development

The Design Development Task will be divided into Subtasks for the Stormwater Design, the Landscape Beatification of East Drive, and the design of the roundabout as follows:

Subtask 2.4.1; Stormater Design for Oakwood Drive and East Drive

Under this task, BA will prepare an update for Phase 1: Conceptual Engineering Report as noted below:

- a. Advance preliminary stormwater management plans from 30% to 60%
- b. Advance 60% stormwater management plans from 60% to 90% following review and comment from City and other applicable government agencies
- c. Drainage Calculations
- d. Final Opinion of Construction Costs
- e. All required coordination with applicable government agencies in preparation of the DDs (60%) and CDs (90%)

Note: BA shall assist the City of Miami Springs in the submittal and coordination with Federal and State agencies regarding additional funding that might be available for this project

Deliverables:

The following deliverables will be submitted to the City of Miami Springs

- 60% design drawings (24" X 36") – three (3) hard copies
- 90% design documents (24" X 36") – three (3) hard copies

Subtask 2.4.2. – East Drive Improvements Design

BA shall prepare a set of signed and sealed landscape drawing at 60% and 90% and specifications provided in the Issue for Bidding Submittal incorporating any changes that may result from addendums issued during the Design Development step.

Deliverables:

Under this task, BA shall submit the following deliverables to the City of Miami Springs:

- 60% design drawings (24" X 36") – five (5) hard copies
- 90% design documents (24" X 36") – five (5) hard copies

Subtask 2.4.3 – Design Roundabout

BA shall subcontract with a traffic engineer and coordinate with MD Traffic Department and the City of Miami Springs for the design, permitting, and drawings for a roundabout at the intersection of Oakwood Drive and East Drive as discussed in Phase 1, Conceptual Design.

Under this task, BA and subconsultant shall prepare the design plans for review and approval by the City of Miami Springs and permits by MD regulatory agencies.

Deliverables:

Deliverables under this task include:

- Pre-application meetings, roundabout geometric assessment, and traffic study, if needed
- Preliminary 60% and 90% drawings.

Task 2.5 – Permitting and construction documents

Under this task, BA shall coordinate with each of the regulatory agencies having jurisdiction over the project to confirm the agency's design criteria at 60 percent; and after the 90% permit package submittal is completed, agencies with jurisdiction and required permits may include the following:

- Class II permit with Miami-Dade for discharge of stormwater to surface waters in Miami-Dade
- SFWMD ROW permit for new outfall to C-6 Miami River
- FDEP/USCOE
- FDOT/MD Traffic Division
- MD Tree removal (if needed)
- City of Miami Springs

After 90% design completion, BA will prepare and submit permit packages for the agencies listed above. This scope includes re-submittals for agency. Appropriate agency review comments will be incorporated into the 100 percent documents.

Deliverables:

The following deliverables will be submitted to the City of Miami Springs as part of this Subtask:

- Agency meeting summary notes – one (1) hard copy and an electronic copy
- Two final copies of each permit application
- Response to 90% Design comments (via electronic delivery)
- Permits and approval by regulatory agencies, as needed

Task 2.6 – Construction Document Submittal (Issue for Construction)

Under this task, BA shall incorporate all comments received from the City of Miami Springs and permitting agencies during the review of the 90% Design Submittal (Issue for Permitting) and will prepare two separate submittal packages: one for the Oakwood Drainage Improvements project and the other for the East Drive Beautification project, including a complete set drawings and specifications shall be issued for bidding.

Subtask 2.6.1 – Stormwater Improvements 100% Construction Submittal

- Prepare 100% construction drawings, specifications and submittals.
- Final signed and sealed Drawings (electronic PDF and four (4) 22"x34")
- Final signed and sealed Specifications (electronic PDF and four (4) paper copies)
- Final AutoCAD drawing files
- Conceptual Opinion of Probable Construction Costs at 100%.

Subtask 2.6.2 – Landscape Improvements 100% Construction Submittal

- Prepare 100% construction drawings, specifications, and submittals
- Final signed and sealed drawings (electronic PDF and four (4) 22"x34") printed copies

- Final signed and sealed specifications (electronic PDF and four (4) paper copies)
- Final AutoCAD drawing files
- Conceptual Opinion of Probable Construction Costs final phase

PHASE 3: Bidding and Construction Management Support

Bidding support, including review checks and requests for additional information and construction inspection and administration, as needed, will be submitted separately upon completion of Phase 2.

Deliverables:

To be determined, pending results from Phase 1 and 2.

PART II – EXCLUSIONS

- Irrigation plans
- Renderings or models
- Coordination for utility easements, if needed
- Permitting fees
- Changes to drawings after approval of Design Development Plans

PART III – COMPENSATION

BA will provide the services noted above for a lump sum as follows:

| Task | Description | |
|---------------------|------------------------------------------------------------|----------------------|
| TASK 2.1 | Meetings and FDEP coordination | \$ 11,150 |
| TASK 2.2 | SUE | \$ 6,300 |
| TASK 2.3: | Geotechnical | \$ 12,900 |
| TASK 2.4: | Design Development | |
| TASK 2.4.1a: | Design Development Stormwater in Oakwood Drive- 60% | \$ 59,400 |
| TASK 2.4.1b: | Design Development Stormwater in Oakwood Drive- 90% | \$ 54,900 |
| TASK 2.4.2a: | Design East Drive- 60% | \$ 33,515 |
| TASK 2.4.2b: | Design East Drive- 60% | \$ 35,040 |
| TASK 2.4.3: | Roundabout | \$ 12,220 |
| TASK 2.5: | Permitting | \$ 24,490 |
| TASK 2.6: | 100% Construction drawings | \$ 26,015 |
| | Reimbursable expenses | \$ 1,000 |
| Total fees | | \$ 276,930.00 |

PART IV – DELIVERABLES

| Task | Deliverables |
|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| TASK 2.1 Meetings and FDEP coordination | <ul style="list-style-type: none"> - Meeting minutes - FDEP reports and forms, as required |
| TASK 2.2 SUE | <ul style="list-style-type: none"> - SUE report |
| TASK 2.3: Geotechnical | <ul style="list-style-type: none"> - Geotechnical report |
| TASK 2.4.1: Design Stormwater Management | - |
| 60% design | <ul style="list-style-type: none"> - 60% design drawings, specifications and opinion of probable costs |
| 90% design | <ul style="list-style-type: none"> - 90% design drawings, specifications and opinion of probable costs |
| TASK 2.4.2: Design Landscape | - |
| 60% design | <ul style="list-style-type: none"> - 60% design drawings, specifications and opinion of probable costs |
| 90 % design | <ul style="list-style-type: none"> - 90% design drawings, specifications and opinion of probable costs |
| TASK 2.4.3: Roundabout | <ul style="list-style-type: none"> - Design drawings for roundabout |
| TASK 2.5: Permitting | <ul style="list-style-type: none"> - Pre-application meetings - Permit approvals |
| TASK 2.6.1: 100% Construction submittal package: Stormwater management | <ul style="list-style-type: none"> - 100% submittal package |
| TASK 2.6.2: 100% Construction submittal package: Landscape improvements | <ul style="list-style-type: none"> - 100% submittal package |

PART V – PROPOSED TENTATIVE SCHEDULE

| Task Name | Duration | Start | Finish |
|------------------------------------------|----------|--------------|--------------|
| Receive NTP | 1 day | Wed 12/15/21 | Wed 12/15/21 |
| TASK 2.1 Meetings and FDEP coordination | 6 mons | Thu 12/16/21 | Wed 6/1/22 |
| TASK 2.2 SUE | 6 wks | Thu 12/16/21 | Wed 1/26/22 |
| TASK 2.3: Geotechnical | 6 wks | Thu 12/16/21 | Wed 1/26/22 |
| TASK 2.4.1 : Design Stormwater | | | |
| Engineering design and calculations- 60% | 6 wks | Thu 1/27/22 | Wed 3/9/22 |
| Comments by City of Miami Springs | 2 wks | Thu 3/10/22 | Wed 3/23/22 |
| Engineering design and calculations- 90% | 2 wks | Thu 3/24/22 | Wed 4/6/22 |
| Comments by City of Miami Springs | 2 wks | Thu 4/7/22 | Wed 4/20/22 |
| TASK 2.4.2: Design Landscape | | | |
| Design package- 60% | 6 wks | Thu 1/27/22 | Wed 3/9/22 |
| Comments by City of Miami Springs | 2 wks | Thu 3/10/22 | Wed 3/23/22 |
| Design Package- 90% | 2 wks | Thu 3/24/22 | Wed 4/6/22 |
| Comments by City of Miami Springs | 2 wks | Thu 4/7/22 | Wed 4/20/22 |
| TASK 2.4.3: Roundabout | 6 wks | Thu 12/16/21 | Wed 1/26/22 |
| TASK 2.5: Permitting | 12 wks | Thu 4/21/22 | Wed 7/13/22 |
| TASK 2.6: 100% Construction drawings | | | |
| STORMWATER | 2 wks | Thu 7/14/22 | Wed 7/27/22 |
| LANDSCAPE IMPROVEMENTS | 2 wks | Thu 7/14/22 | Wed 7/27/22 |