

RESOLUTION No. 18-109

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, APPROVING A WORK ORDER BETWEEN THE CITY OF DORAL AND H.W. LOCHNER, INC., A PREQUALIFIED CITY VENDOR, FOR DESIGN SERVICES FOR THE INTERSECTION IMPROVEMENTS AT NW 82 STREET AND NW 114 AVENUE IN AN AMOUNT NOT EXCEED \$24,670.00; AUTHORIZING THE CITY MANAGER TO EXECUTE THE WORK ORDER AND EXPEND BUDGETED FUNDS ON BEHALF OF THE CITY; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the City of Doral's (the "City") Public Works Department (PWD) secured the services of Kimley-Horn and Associates in October 2017 to perform an operational analysis and traffic signal warrant study at the intersection of NW 82nd Street and NW 114th Street; and

WHEREAS, as per the recommendation in the final traffic study report submitted and approved by Miami-Dade County on March 9, 2018, the City is proceeding with the procurement of a firm for the design services of new traffic signal at the subject intersection; and

WHEREAS, PWD wishes to secure a firm to proceed with design services for intersection improvements at NW 82nd Street and NW 114th Street; and

WHEREAS, H.W. Lochner, Inc. is a prequalified provider of professional engineering services selected in accordance with Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council in November 2017; and

WHEREAS, Staff respectfully requests that the City Council approve the Work Order with H.W. Lochner, Inc. to proceed with the design services for intersection

improvements at NW 82nd Street and NW 114th Street; in an amount not to exceed \$24,670.00.

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

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

Section 2. Approval. The Work Order between the City of Doral and H.W. Lochner, Inc. for the provision of design services for intersection improvements at NW 82nd Street and NW 114th Street; in an amount not to exceed \$24,670.00, a copy which is attached hereto as Exhibit "A", is hereby approved.

Section 3. Authorization. The City Manager is authorized to execute the work order and expend budgeted funds in furtherance hereof.

Section 4. Implementation. The City Manager and the City Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and the provisions of this Resolution.

Section 5. Effective Date. This Resolution shall take effect immediately upon adoption.

The foregoing Resolution was offered by Vice Mayor Rodriguez who moved its adoption. The motion was seconded by Councilmember Cabrera and upon being put to a vote, the vote was as follows:

Mayor Juan Carlos Bermudez	Yes
Vice Mayor Ana Maria Rodriguez	Yes
Councilman Pete Cabrera	Yes
Councilwoman Christi Fraga	Yes
Councilwoman Claudia Mariaca	Yes

PASSED AND ADOPTED this 13 day of June, 2018.



JUAN CARLOS BERMUDEZ, MAYOR

ATTEST:



CONNIE DIAZ, CMC
CITY CLERK

APPROVED AS TO FORM AND LEGAL SUFFIENCY
FOR THE USE AND RELIANCE OF THE CITY OF DORAL ONLY:



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

EXHIBIT “A”

April 26, 2018

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RE: PROPOSAL – Signalization Design - NW 114 Avenue/NW 112 Court at NW 82 Street

Dear Ms. Pantaleon:

H.W. Lochner, Inc. (LOCHNER) is pleased to respond to your request for proposal on the above referenced project.

1. PROJECT BACKGROUND

The City of Doral has requested LOCHNER to provide a signal design services at the un-signalized intersection of NW 114 Avenue/NW 112 Court at NW 82 Street. The intersection is currently under 4-way stop control.

2. SCOPE OF WORK FOR ENGINEERING SERVICES:

a. Signalization Analysis*

LOCHNER will prepare a component set of plans including signalization and structural plans in accordance with all applicable manuals, guidelines, standards, handbooks, procedures and current FDOT design memorandums.

- 1) LOCHNER shall prepare the signalization design file to include all necessary design elements and all associated reference files. The design file shall include the design and layout of the proposed signal pole, signal heads, loops, pedestrian signals, conduit, pull boxes, and service points. Plans details may include proposed call outs, pay item numbers, loop detector chart, controller timing chart, signal/pedestrian head details, sign details, controller notes, signal operating plan etc..
- 2) LOCHNER shall determine the pole elevations

LOCHNER

- 3) LOCHNER shall determine quantities for the signalized intersection and provide an engineer's opinion of probable cost for construction.
- 4) LOCHNER shall provide utility and permitting coordination and followup including phone calls, face to face meetings to motivate and ensure that Miami Dade County, FPL and all affected agencies/utilities complete their work schedules and agreements. LOCHNER shall ensure the resolution of all known conflicts and assist the Client in securing the necessary permits for this project.
- 5) LOCHNER shall keep accurate minutes of all meetings and distribute a copy to all attendees.
- 6) LOCHNER shall prepare a signalization set of plan in accordance with all applicable manuals, guidelines, and standards and obtain all required permits from Miami Dade County and FDOT.

Plans shall include the following sheets;

- i. Key Sheet
- ii. Signing and Pavement Markings Sheet
- iii. Guide Sign Work Sheet
- iv. Overhead Street Names Signs
- v. Tabulation of Quantities
- vi. General Notes
- vii. Special Details
- viii. Mast Arm/Monotube Tabulation Sheet
- ix. Service Point Detail

STRUCTURAL ENGINEERING SERVICES

Prepare structural calculations for the design and analysis of a mast arm type signal.

LOCHNER will prepare the following deliverables:

- i. Mast arm tabulation sheet
- ii. Mast arm assembly sheet
- iii. Structural Analysis Report

*NOTE: If Roundabout is approved, this tasks will not move forward and an Additional Service Agreement will needed for design of Roundabout

b. Roundabout Concept and Workshop

Prior to the commencement of the signalization design, LOCHNER shall prepare a concept layout of a roundabout at the subject location.

Deliverables:

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- i. Rendering with landscape details
- ii. Presentation of concept to City of Doral Council

3. CONTRACT SUM

For the services performed under paragraph 2, the Client will pay the Engineer the lump sum fee of **(\$39,390.00)** payable as follows. Any additional services will be negotiated as needed.

4. PAYMENTS

Subsequent progress payments of the above lump sum fees shall apply and invoice monthly in proportion to the services performed.

Should the client wish us to provide and/or negotiate with third parties, any of the aforementioned services or any other additional work not included in this proposal under the Scope of Work, we will provide it on a Time Charge plus Expenses basis, computed as the sum the following:

- Salary Costs times a multiplier of 3.00
- Non-Salary expenses times a multiplier of 1.05

Salary costs is defined as salary and wages paid for time expend on the project plus the cost of Engineer's statutory and customary benefits, such as, insurance, sick leave, holidays, vacations, medical and retirement benefits, etc.

Non-Salary expenses include such typical expenses as cost of: transportation and subsistence; toll telephone calls and telegraph; computer time and programming costs; subcontract services such as: surveys, subsurface investigation and testing by commercial laboratories.

5. CLIENT RESPONSIBILITIES

Provide access to and make all provisions for the Engineer to enter upon public and private lands as required for the Engineer to perform his work under this proposal.

Place at the disposal of the Engineer all available information pertinent to the project upon which the Engineer can rely, including previous reports and any other data related to the design and construction of the project.

Designate a person to act as the Client's representative with respect to the work to be performed, such person to have complete authority to transmit instructions, receive information, interpret and define the Client's policies and decisions with respect to the work covered by this proposal.

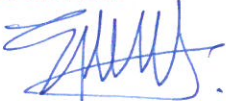
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7. ACCEPTANCE

The return of an executed copy of this proposal would constitute our authorization to proceed.

Very truly yours,

LOCHNER



Edwin Mojena, PE
Vice President

ACCEPTED BY: _____ DATE: _____

