

WORK ORDER No. 2 FOR PROFESSIONAL SERVICES

TO: BCC Engineering, Inc.
6401 SW 87th Avenue, Suite 200
Miami, Florida 33173
(305) 670-2350

DATE: March 12, 2018

The City of Doral authorizes the firm of BCC Engineering, Inc. to proceed with the provision of professional engineering services for a Sketch and Legal to depict the continuation of Right-of-Way of NW 112 Avenue between NW 34 Street and NW 41 Street (Doral Boulevard). The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between BCC Engineering, Inc. and the City of Doral dated February 5, 2018, and the attached Proposal submitted by your firm for the above referenced project.

SCOPE OF SERVICES AND SCHEDULE:

The scope of the project will be as described in the attached proposal dated March 9, 2018 from BCC Engineering, Inc. All limitations of time set forth in this Work Order are of the essence. The performance of services associated with this Work Order will be executed on a lump sum basis with a not to exceed amount of \$5,206.50.

You are required by the Continuing Service Agreement to begin work subsequent to the execution of this Work Order, or as directed otherwise. If you fail to begin work subsequent to the execution of this Work Order, the City of Doral will be entitled to disqualify the Proposal, and revoke the award.

Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated February 5, 2018 between the parties as though fully set forth herein. In the event that any terms or conditions of this Work Order conflict with the Continuing Services Agreement, the provisions of this specific Work Order shall prevail and apply. This Work Order is not binding until the City of Doral agrees and approves this Work Order.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and date first above written, in three (3) counterparts, each of which shall, without proof or accounting for the other counterpart be deemed an original Contract.

CONSULTANT: BCC Engineering, Inc.

BY: [Signature]
NAME: Jose A. Munoz
TITLE: President

OWNER: City of Doral
BY: [Signature]
NAME: Edward Rojas
TITLE: City Manager

WITNESSES: SEAL:

1. [Signature]
2. [Signature]

AUTHENTICATION:

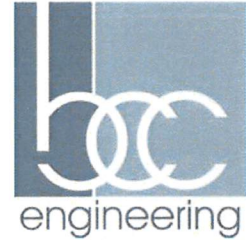
BY: [Signature]
NAME: Connie Diaz
TITLE: City Clerk



APPROVED AS TO FORM AND
LEGAL SUFFICIENCY FOR THE SOLE USE
OF THE CITY OF DORAL:

BY: [Signature]
NAME: WEISS, SEROTA, HELFMAN, COLE,
& BIERMAN, PL
TITLE: City Attorney

March 9, 2018



Mr. Eugene Collings-Bonfill, PE
City of Doral
8401 NW 53rd Terrace
Doral, FL 33166

Reference: **TWO - Proposal for Legal Sketch & Description of NW 112th Avenue Extension**

Dear Mr. Collings-Bonfill,

We are pleased to present this proposal for performing the Legal Sketch and Description for the new roadway extension of NW 112th Avenue between NW 34th Street and NW 41st Street. Currently NW 112th Avenue within the project limits is vacant land. The Legal Sketch will depict 80 feet of roadway Right of Way required to build a new 5 lane typical section with curb and gutter with sidewalks.

Task 1 – Legal Sketch for R/W Transfer

See Appendix “B”, Sub-consultant Fee proposal for scope of Services.

Task 2 – Roadway Alignment review

Based on our preliminary coordination with the City, NW 112th Avenue within the project limits, will be a 5-lane section built within an 80 feet wide R/W. BCC Engineering will review the conceptual alignment developed under the “NW 112th Avenue Extension Study” dated October 2017, and verify roadway geometry and the R/W required to build the proposed extension of NW 112th Avenue.

Deliverables:

BCC Engineering anticipates one coordination meeting with the Client during the course of the review process. The meetings will be held to review the conceptual typical section and roadway geometry. The conceptual roadway geometry will be checked for compliance with applicable roadway design standards. BCC Engineering will coordinate with the Surveyor preparing the Legal Sketch of the required roadway Right of Way. BCC Engineering will also provide management of this Task Work Order.

SCHEDULE

We will provide the above-described services outlined in an expeditious and orderly manner to meet the schedule mutually agreed to by the Client and BCC Engineering for the various elements of the project.

BASIC SERVICES FEE

We propose to provide the described Basic Services for a Limiting Amount Fee (Time & Materials basis) of \$5,206.50 Dollars.

ADDITIONAL SERVICES

Services beyond those outlined under Basic Services, including increase in the scope of the Project, revisions to the work, site structures, additional site visits, inspections, construction errors, etc. will be provided for an additional negotiated Lump Sum Fee. BCC Engineering will provide Additional Services after receipt of written authorization by Client.

PAYMENTS

Billings will be monthly based on the actual effort in performance of these services, based on the contract rates as follows:

| | |
|--|--------------------|
| Task 1: Legal Sketch for R/W Transfer | \$ 3,780.00 |
| Task 2: Roadway Alignment Review | \$ 1,426.50 |

Payment is due within 30 days of receipt of payment from client. Late payments beyond 30 days will be charged interest at the rate of one and one half percent per month on the unpaid balance. We further reserve the right to stop work and withhold documents if payment is not received. Refer to Exhibit B "General Provisions".

If the services covered by this Agreement cannot be completed by BCC Engineering, for reasons beyond our control, the amounts of compensation set forth in this Agreement shall be equitably adjusted. If this proposal is not accepted within 90 days, it shall become void.

We hope this Proposal meets your expectations. If this Proposal is acceptable to you please issue a purchase order for the attached amount.

We look forward to working with you on this Project.

Sincerely,

BCC ENGINEERING, INC.



Richard Burgess, P.E.
Project Manager

Exhibit "A"

BCC Engineering Fee Proposal

FEE QUOTATION PROPOSAL

Consultant's Name: BCC Engineering, Inc.
Project Number: N/A
Project Length: 0.45 miles
Project Description: NW 112th Avenue from NW 34th Street to NW 41st Street - New Alingment

Prepared by: R. Burgess, P.E.
Date: 3/9/2018

STAFF HOURS

| | Activity | Principal Engineer | Project Manager | Sr. Engineer | Project Engineer | Eng. Tech (CADD Tech) | | Staff Hours by Activity | Salary Cost for Activity |
|---|---|--------------------|-----------------|-----------------|------------------|-----------------------|---------------|-------------------------|--------------------------|
| | Distribution | 0% | 17% | 17% | 41% | 25% | | 100% | |
| 1 | Roadway Alingment Review | 0 | 2 | 2 | 5 | 3 | 0 | 12 | \$1,427 |
| 2 | Pavement Marking & Signing Plans | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0 |
| 3 | Signalization Plans | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0 |
| 4 | Roadway Lighting Plans | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0 |
| 5 | Drainage Design, Report & Permit Sketches | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0 |
| 6 | Post-Design Services | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0 |
| 7 | Tree Permitting/Mitigation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0 |
| | TOTAL HOURS | 0 | 2 | 2 | 5 | 3 | 0 | 12 | \$1,427 |
| | Rates | \$200.00 | \$180.00 | \$160.50 | \$105.30 | \$73.00 | | | |
| | Totals S-H and Cost | \$0.00 | \$360.00 | \$321.00 | \$526.50 | \$219.00 | \$0.00 | \$1,426.50 | \$118.88 |

| TOTAL LUMP SUM FEE BREAKDOWN BY ACTIVITY | Amount |
|--|-------------------|
| Roadway Alingment Review | \$1,426.50 |
| Signing & Marking Plans | \$0.00 |
| Drainage Plans | \$0.00 |
| Survey Legal Sketch for R/W | \$3,780.00 |
| Geotechnical | \$0.00 |
| TOTAL LUMP SUM FEE | \$5,206.50 |
| | |
| OPTIONAL SERVICES | \$0.00 |
| | |
| Maximum Lump Sum Fee | \$5,206.50 |

| TOTAL CONTRACT COST COMPUTATIONS | |
|--|------------|
| Total Activity Salary Costs | \$1,426.50 |
| (a) Overhead Additives | |
| (a1) Combined O-H percent | |
| (a2) Combined O-H Cost | \$0.00 |
| Subtotal (Salary + Overhead) | \$1,426.50 |
| (b) Operating Margin Percent | \$0.00 |
| (b1) Operating Margin Cost - Fixed Fee | \$0.00 |
| Subtotal (Salary Related Cost) | \$1,426.50 |
| Expenses | |
| (a) Geotechnical | \$0.00 |
| (b) Design Survey | \$0.00 |
| (c) R/W Legal Sketch | \$3,780.00 |

| | | |
|--------------|-----------------|-------------------|
| TOTAL | LUMP SUM | \$5,206.50 |
|--------------|-----------------|-------------------|

NOTE: OPTIONAL SERVICES FOR CONTAMINATION ARE NOT INCLUDED DUE TO UNCERTAINTY OF COST.

| | |
|------------------|-------------------|
| TOTAL FEE | \$5,206.50 |
|------------------|-------------------|

COUNTY PROJ. NO.: N/A F.A.P. N/A DESCRIPTION: NW 112th Ave from NW 34th St to NW 41st St

LENGTH: 0.45 MILES 2376 FEET LANES: 5 DIV'D: No URBAN: Yes

| ITEM | SCALE | BASIS OF ESTIMATE | NO. OF UNITS | NO. OF SHEETS | M - H UNITS | TOTAL M-H | COMMENTS |
|--------------------------------|-----------------|-------------------|--------------|---------------|-------------|-----------|----------|
| ROADWAY PLANS | | | | | | | |
| Key Map | | SHT | 0 | 0 | 0 | 0 | |
| Typical Section | | SHT | 0 | 0 | 0 | 0 | |
| Summary of Quantities | | SHT | 0 | 0 | 0 | 0 | |
| Plan & Profile | 1"=20' | SHT | 0 | 0 | 0 | 0 | |
| Intersection Details | | SHT | 0 | 0 | 0 | 0 | |
| Intersection Profiles | Per side street | SHT | 0 | 0 | 0 | 0 | |
| Back of Sidewalk Profiles | | HRS | 0 | 0 | 0 | 0 | |
| Special Profiles | | HRS | 0 | 0 | 0 | 0 | |
| Misc. Construction Details | | SHT | 0 | 0 | 0 | 0 | |
| Detour Plans/Maint. of Traffic | | HRS | 0 | 0 | 0 | 0 | |
| Cross-Sections | | SHT | 0 | 0 | 0 | 0 | |
| Cost Estimates | | HRS | 0 | | 0 | 0 | |
| Pavement Design | | HRS | 0 | | 0 | 0 | |
| Public Meetings | | HRS | 0 | | 0 | 0 | |
| Specifications Package | | HRS | 0 | | 0 | 0 | |
| Design Report | | HRS | 0 | | 0 | 0 | |
| Geometry Plan | | HRS | 0 | | | | |
| Utility Coordination | | HRS | 0 | | 0 | 0 | |
| Special Provisions | | HRS | 0 | | | 0 | |
| Plateau Intersection Plans | | SHT | | | | 0 | |
| Meetings and Reviews | | HRS | 1 | | 12 | 12 | |
| Field Reviews | | HRS | 0 | | 0 | 0 | |
| QA/QC | | HRS | 0 | | 0 | 0 | |
| ROADWAY PLANS TOTALS | | | | 0 | | 12 | |

Prepared By: R. Burgess, P.E.

Date: March 9, 2018

Exhibit "B"

F.R. Aleman Fee Proposal



& Associates, Inc.
CONSULTING ENGINEERS & SURVEYORS
10305 NW 41 Street, Suite 200
Miami, Florida 33178
TEL: (305) 591-8777
FAX: (305) 599-8749

CONSULTING ENGINEERS & SURVEYORS
www.FR-Aleman.com
frank.paruas@fr-aleman.com

March 9, 2018

BCC Engineering, Inc.
Richard Burgess, PE
Miami • Orlando • Tampa • Ft. Lauderdale • Panama City
6401 SW 87th Avenue, Suite 200
Miami, FL 33173
t. (305) 670-2350
f. (305) 670-2351
e. rburgess@bcceng.com
w. www.bcceng.com

RE: Prepare a Sketch to Accompany Legal Description for the proposed extension of the NW. 112th Ave, from NW. 41st Street to NW. 34th Street.

Project Area: Proposed Extension of NW. 112th Ave, from NW. 41st Street to NW. 34th Street.

Dear Mr. Burgess:

In accordance with your request, F.R. Aleman & Associates, Inc., ("FRA") is pleased to submit our proposal to provide the required Survey and Mapping Services to your company.

Scope of Works:

Prepare a Sketch to Accompany Legal Description for the proposed NW. 112th Avenue, from the existing Right-of-Way line of NW 41st Street to the existing Right-of-Way line of NW. 34th Street. The Sketch and Legal will connect with the existing Right-of-Way line at NW. 34th Street. The northerly limits of the parcel to be described on the sketch will be the Southern Right-of-Way line of NW. 41st Street. FRA will determine the location of that line by collecting field monuments

The City will provide the existing Geometry and location of the NW. 34th Street (southern limits of the Parcel)

Proposed Schedule

FRA has carefully reviewed the scope of work and have evaluated our resources, equipment and manpower availability and we have determined that we can successfully complete the scope of work within a week from the receipt of the notice to proceed.

FRA will be able to mobilize the required equipment and resources immediately after a sub-consultant agreement is executed between your firm and FRA and Notice to proceed is issued to FRA.

Mr. Richard Burgess, PE

March 9, 2018

Page 2 of 2

| Surveying and Mapping Services | | | | Approved Rates as per Contract with City of Doral | | |
|--------------------------------|-------------|------------------------------------|-------------|---|------------|-------------------|
| Position | Hourly Rate | Task 10 Other Field Investigations | | Total Labor | Raw Costs | Multiplied Costs |
| Senior Surveyor and Mapper | \$ 145.00 | 2 | \$ - | 2 | \$290.00 | \$290.00 |
| Surveyor and Mapper | \$ 105.00 | 4 | \$ - | 4 | \$420.00 | \$420.00 |
| Survey Technician | \$ 85.00 | 6 | \$ - | 6 | \$510.00 | \$510.00 |
| Survey Field Crew (8 HR Day) | | 2 | \$ 1,280.00 | 2 | \$2,560.00 | \$2,560.00 |
| Total Lump Sum | | | | | | \$3,780.00 |

Deliverables

- Sketch to Accompany Legal Description will comply with the Board of Professional Surveyors and Mappers, in Chapter 472.027, F.A.C. 5J-17.
- Provide an electronic copy of survey in 2015CIVIL3D. Provide an electronic copy of survey in IFC compliant 3-dimensional format.
- Signed Sketch and Legal Description)

We appreciate this opportunity to submit our cost and schedule proposal for this project and look forward to working with you on this project. Should you have any questions, please do not hesitate to contact me.

Sincerely,

Frank Paruas

Frank Paruas, PSM
Project Surveyor