

WORK ORDER No. 4 FOR PROFESSIONAL SERVICES

TO: ADA Engineering
8550 NW 33 Street, Suite 202
Doral, Florida 33122
(305) 551-4608

DATE: October 4, 2018

The City of Doral authorizes the firm of ADA Engineering, Inc. to proceed with preparation of a shared-use path feasibility study for NW 58th Street between NW 109th Avenue through NW 114th Avenue as of the date of this work order. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Final Agreement between ADA Engineering, and the City of Doral dated January 30, 2018, and the attached Proposal dated August 7, 2018 and 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 from ADA Engineering to provide professional engineering services which include: data compilation, prepare conceptual sketches, and a technical memorandum. The schedule requires the work to be performed within four (4) weeks from the notice to proceed. The performance of services associated with this Work Order will be executed on a time and material basis with a not to exceed on a time and material basis not to exceed the amount of \$9,862.25.

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.

This Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated January 30, 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.

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: ADA Engineering

BY: [Signature]
NAME: Alex Vazquez
TITLE: Vice President

WITNESSES: SEAL:

1. [Signature]
2. [Signature]

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

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

APPROVED AS TO FORM:
BY: [Signature]
NAME: LUIS FIGUEREDO, ESQ.
TITLE: City Attorney





Corporate Office
8550 NW 33rd Street, Suite 202
Doral, Florida 33122
T 305.551.4608
F 305.551.8977
www.adaengineering.com

August 7, 2018

Mr. Carlos Arroyo
Assistant Public Works Director
City of Doral
Public Works Department
8300 NW 53rd Street, Suite 200
Doral, Florida 33166

RE: NW 58th Street Canal Shared-Use Path Feasibility Study between NW 109th Avenue through NW 114th Avenue

Dear Mr. Arroyo:

Per your request, A.D.A. Engineering, Inc. (ADA) is pleased to submit this Service Order proposal for Professional Engineering Services associated with performing a feasibility study to determine the best alternative to incorporate a shared-use path on the north end of the NW 58th Street canal, from NW 109th Avenue and NW 114th Avenue.

This Service Order will be an integral part of the General Engineering/Architectural Services (RFQ 2017-21) agreement between the City of Doral (City) and ADA. This Service Order defines the scope of work, schedule, exclusions, and compensation for the professional engineering services associated with this project.

II. SCOPE OF WORK

The Scope of Work is comprised of the following essential tasks:

1. Collect and review as-built plans of NW 58th Street canal bank stabilization from NW 109th Avenue to NW 114th Avenue.
2. Perform half-day field site visit to observe the current conditions of the north end of the NW 58th Street Canal. *of*
3. Evaluate up to two (2) conceptual alternatives to install a shared-use path at the north end of the canal.
4. Prepare conceptual sketches and cross sections for each proposed alternative.
5. Develop opinion of probable construction cost for each alternative.
6. Prepare a technical memorandum summarizing the analyses, findings and recommendations.
7. Attend one meeting with City staff to present findings of technical memorandum.

II. SCHEDULE

ADA will complete the work outlined in the Scope of Work within four (4) weeks from notice to proceed.

III. EXCLUSIONS

The services outlined below are not included as part of the Scope of Work, although additional service agreements can be executed to assist the City with these services if necessary:

- Topographic or geotechnical surveys
- Ground-penetrating radar investigations
- Canal dive inspections
- Prepare design plans and specification
- Hydraulic engineering analyses of canals conveyance capacity
- Assessment of other canal sections
- Update the 10-year Canal Bank Capital Improvement Plan developed in the 2008 Canal Feasibility Report
- Prepare presentation boards for or advertise Community workshops or open-house meetings
- Presentation to City Council
- Distributing Contract Documents for bidding
- Scheduling services
- Construction management services
- Preparing construction “record drawings” or “as-built drawings”
- Other services not specifically outlined in the Scope of Work

IV. COMPENSATION

ADA will be compensated for the services described above on a time and material basis not to exceed **\$9,862.25**, in accordance with the General Engineering/Architectural Services (RFQ 2017-21) agreement between the City and ADA. The attached man-hour/fee estimate shows the hours and costs associated with each of the tasks outlined in the Scope of Work and applicable sub-consultant fees.

Mr. Carlos Arroyo
RE: NW 58th St. Canal Shared-Use Path Feasibility Study between NW 109th through NW 114th Av.
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We look forward to assisting the City on this important project assignment. If you have any questions or need additional information, please do not hesitate to contact Abbie Wilson, P.E. at (305) 514-0844 or me at (305) 514-0842.

Sincerely,

A.D.A. ENGINEERING, INC.

A handwritten signature in blue ink, appearing to read 'Alex Vazquez', with a large, sweeping flourish extending to the right.

Alex Vazquez, PE, CFM
Project Manager/
Vice President

Enclosures: Man-hour/Fee Estimate



**CITY OF DORAL
GENERAL ENGINEERING/ARCHITECTURAL SERVICES RFQ 2014-16**

NW 58th Street Canal Shared-Use Path Feasibility Study between NW 109th Avenue through NW 114th Avenue

Date: 08/07/2018

WORK ACTIVITY	ADA EMPLOYEE CLASSIFICATION						TOTAL HOURS	TOTAL ADA LABOR COST	ESTIMATED EXPENSES ¹	TOTAL FEE
	Principal	Project Manager	Senior Engineer	Project Engineer	CADD Technician	Inspector				
HOURLY RATE	\$200.00	\$195.00	\$160.00	\$130.00	\$80.00	\$85.00				
Task 1 – Collect and review as-built plans				2			2	\$260.00	\$8	\$268
Task 2 – Perform half-day field site visit				4			4	\$520.00	\$16	\$536
Task 3 – Evaluate up to two (2) conceptual alternatives		1	2	8			11	\$1,555.00	\$47	\$1,602
Task 4 – Prepare conceptual sketches and cross sections		1	4	16	8		29	\$3,555.00	\$107	\$3,662
Task 5 – Develop opinion of probable construction cost				2			2	\$260.00	\$8	\$268
Task 6 – Prepare a technical memorandum		1	6	12			19	\$2,715.00	\$81	\$2,796
Task 7 - Attend meeting with City		2	2				4	\$710.00	\$21	\$731
Total Hours		5	14	44	8					
Total Fee		\$975.00	\$2,240.00	\$5,720.00	\$640.00		71	\$9,575.00	\$287	\$9,862.25

Notes: 1- Expenses assumed at 3% of labor

SUMMARY OF TOTALS				
Sub Consultant	Sub Consultant Fee	Management Fee	Total Fee	Notes
TOTALS				

Note: Management Fee is 10% of Subconsultant Fee

TOTAL FEE WORK AUTHORIZATION = \$9,862.25