



RESOLUTION # 2018-72

RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF WEST MIAMI AUTHORIZING THE ACTING CITY MANAGER TO EXECUTE THE NECESSARY DOCUMENTATION WITH TY LIN INTERNATIONAL FOR PROFESSIONAL ENGINEERING SERVICES FOR THE PREPARATION OF CONSTRUCTION DOCUMENTS CONSISTING OF DRAINAGE IMPROVEMENT PROJECT, PROPOSAL FOR PROFESSIONAL DESIGN AND CEI ENGINEERING SERVICES IN THE AMOUNT OF \$29,400.00 TO BE FUNDED BY SURTAX FUNDS; PROVIDING FOR EFFECTIVE DATE.

WHEREAS, the City of West Miami drainage is in need of improvement and retrofitting to alleviate the recurring flooding due to antiquated and non-functional systems at SW 13 Street, south of 65th Avenue and SW 12 Street, southwest of 57th Avenue; and

WHEREAS, the City Manager has recommended that the drainage in question be updated and improved and such work is absolutely necessary; and

WHEREAS, Ty Lin, International (Consultants) will provide the design phase engineering services and construction engineering inspection (CEI) pursuant to the attached Exhibit A; and

WHEREAS, this service is within the Professional Engineering Services Agreement entered into by and between the City of West Miami and TY Lin International on April 18, 2018; and

WHEREAS, the cost of the services to be provided by TY Lin International is \$29,400.00.

NOW THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY COMMISSION OF THE CITY OF WEST MIAMI THAT:

SECTION 1. The aforementioned statements are true and correct and adopted as is fully stated herein.

SECTION 2. The City Manager's recommendation is hereby accepted and the City Manager is hereby authorized to enter into an agreement with TY Lin International in the amount of \$29,400.00 for services more fully described in the attached Exhibit A.

SECTION 3. Funding for the work to be provided by TY Lin International pursuant to Exhibit A shall come from Surtax Funds

SECTION 4. This Resolution shall take effect immediately upon passage by the City Commission and signature of the Mayor.

PASSED AND ADOPTED this 5th day of December, 2018.

Approved:



EDUARDO H. MUÑINA, MAYOR

Attest:



ANNERY GONZALEZ, CMC CITY CLERK

APPROVED AS TO FORM AND SUFFICIENCY:



JOSE A. VILLALOBOS, CITY ATTORNEY

ROLL CALL VOTE:

MAYOR EDUARDO H. MUÑINA	<u>Y</u>
VICE-MAYOR RHONDA A. RODRIGUEZ	<u>Y</u>
COMMISSIONER CANDIDA BLANCA	<u>Y</u>
COMMISSIONER JUAN M. BLANES	<u>Y</u>
COMMISSIONER LUCIANO L. SUAREZ	<u>Y</u>

TYLIN INTERNATIONAL

engineers planners scientists

November 2, 2018

Mr. Juan Pena
Acting City Manager and
Director of Public Works Department
City of West Miami
901 S.W. 62nd Avenue
West Miami, FL 33144

**RE: City of West Miami 2018 Drainage Improvements Project
Proposal for Professional Design and CEI Engineering Services**

Dear Mr. Pena:

We appreciate the opportunity to submit this proposal to provide professional engineering services for the preparation of construction documents for the above referenced project. The proposed Scope of Services is described in the attached Exhibit "A". Our proposed fee to perform these services is a lump sum amount of \$29,400.00. Man hour estimates are included in the attached Exhibit "B"

We look forward to working with you on this project and thank you for the opportunity.

Please call if you have any questions.

Sincerely

r..n_u(J11 H.J. Ross

"V V--'

Francisco Alonso, P.E.
Project Manager

Enclosures

cc: Jose Nessi, P.E.
Mariano Valle, P.E.

EXHIBIT

A

EXHIBIT "A" - SCOPE OF WORK

1 PROJECT DESCRIPTION

T.Y. Lin International (**Consultant**) is proposing to provide both the design phase engineering services as well as construction engineering inspection (CEI) for this project, defined as follows. The City of West Miami is proposing to provide drainage improvements at the three following sites to alleviate recurring flooding due to antiquated or non-functioning systems:

- SW 13th Street just west of SW 55th Avenue (connection to PS collection system)
- SW 12th Street just west of SW 57th Avenue.

The proposed improvements will consist of new catch basins, new drainage pipes, and new exfiltration trench systems. Finally as part of this project, the roadway affected by the construction of the drainage improvements will be milled and resurfaced with new striping.

2 SCOPE OF WORK

Consultant will prepare a set of Construction Plans for the implementation of the improvements. **Consultant** will utilize Topographic Surveys previously prepared for this project. The specific work scope items are:

2.1 **Consultant** will prepare the following construction plans using the standards of Miami-Dade County Public Works and the Florida Building Code.

- Key Sheet and Location Map
- General Notes and Tabulation of Quantities
- Proposed Improvements Plan (Roadway, Drainage, Striping)
- Project Details
- Maintenance of Traffic Notes

2.2 **Consultant** will provide the **City**, Miami-Dade County, and utility companies with copies of construction drawings.

2.3 **Consultant** will meet with **City** and County staff to coordinate implementation of the proposed improvements

2.4 **Consultant** will provide a tabulation of quantities and a cost estimate.

2.5 **Consultant** will assist the **City** in obtaining plan approval.

2.6 **Consultant** will provide technical specification and bidding document.

2.7 **Consultant** will provide bidding assistance and recommendation of award

- 2.8 **Consultant** will provide responses and applicable revisions to comments from the jurisdictional agency review
- 2.9 **Consultant** will provide post design services limited to RFI responses, Shop Drawing reviews, and field visits.
- 2.10 **Consultant** will provide part time Construction Engineering Inspection (16 hrs per week) for the duration of the project. Estimated construction time 2 months.

3 ITEMS NOT INCLUDED

- 3.1 Environmental investigations, Phase I audits, or other environmental concerns
- 3.2 Geotechnical explorations and/or testing
- 3.3 Product Control Approvals
- 3.4 Permitting Services other than those described above or permit fees

4 INFORMATION TO BE PROVIDED BY CITY

- 4.1 **City** will provide as-built plans for existing City-owned facilities with elevations of underground utilities, if available
- 4.2 **City** will provide the contract documents
- 4.3 **City** is responsible for payment of permit review fees
- 4.4 **City** will allow access to the site

5 ADDITIONAL SERVICES

Additional services not specifically described under "Scope of Work" will be performed upon written approval, and will be billed at the hourly rates as follows:

STAFF	HOURLY RATE
Project ManaQer	\$150.00
Professional Engineer	\$120.00
Enqineer	\$80.00
Engineering Technician	\$65.00
Construction Inspector	\$70.00

6 DELIVERABLES

Consultant will provide the following deliverables to the **City**:

SCHEDULE OF DELIVERABLES
Description of Deliverable or Drawing Name
<ul style="list-style-type: none"> • 2 signed and sealed copies of final drawings • 1 CD with drawings in AutoCAD and PDF format, and WORD files of specifications and bid documents. • Copies of correspondence and minutes of meetings

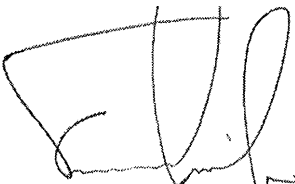
<ul style="list-style-type: none">• Copies of Pre-bid agenda and minutes, addendums, and correspondence.
<ul style="list-style-type: none">• Copies of Pre-construction agenda and minutes,• shop drawings• change orders• payment certificates• construction observation reports• test results• correspondence

7 FEE SCHEDULE

Consultant's proposed fee to perform the above services is a lump sum fee of \$29,400.00. Out-of-pocket expenses for design services are included in the lump sum amounts listed above. See exhibit "B" for a breakdown of the man-hour estimate.

8 PROJECT MANAGER

CONSULTANT'S Project Manager for this Work Order assignment will be Francisco J. Alonso, P.E.

Prepared by:  _____ 11-2-18
Francisco J. Alonso, P.E. Date

Approved by: _____
Juan Pena
Acting City Manager Date

EXHIBIT 8: MAN HOUR ESTIMATES
City of West Miami: 2018 Drainage Improvements Project

ENGINEERING SERVICES

DATE: 11/02/18

TASK 1.DESIGN PHASE

SHEET NUMBER	SHEET DESCRIPTION	NUMBER OF SHEETS	TOTAL HOURS			TOTAL
			PROJECT MANAGER	PROF. ENGINEER	PROJECT ENG.	
	Construction Plans					
C- 1	Ke			4	4	9
C- 2			2	4	8	14
C- 3 to 5		3	8	20	40	68
C- 6		2	4	12	20	36
C- 7	Maintenance of Traffic Notes		1	2	4	7
	TOTAL DESIGN MAN-HOURS:		16	42	76	134
		Hourly Rate	\$150.00	\$120.00	\$90.00	
		Total Design Phase Fee	\$2,400.00	\$5,040.00	\$6,840.00	\$14,280.00

TASK 2: BIDDING ASSISTANCE SERVICES

SERVICE	HOURS	HOURLY RATE	TOTAL
Project Manager	8	\$150.00	\$1,200.00
Project Engineer	16	\$120.00	\$1,920.00
Total Permitting Support Task			\$3,120.00

TASK 3: CONSTRUCTION PHASE SERVICES

SERVICE	HOURS	HOURLY RATE	TOTAL
Project Construction Inspector	96	\$90.00	\$8,640.00
Project Manager	16	\$150.00	\$2,400.00
Project Engineer	8	\$120.00	\$960.00
Total Construction Phase Task			\$12,000.00

Total Project Fee:		\$29,400.00
SAY:		\$29,400.00