

To: The Honorable Mayor and Council Members

From: Alberto Destrade, Purchasing Director 

Date: June 28, 2016

RE: **A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA, AUTHORIZING THE CITY MANAGER AND CITY ATTORNEY TO NEGOTIATE AND EXECUTE A PROFESSIONAL SERVICES AGREEMENT, BETWEEN THE CITY OF NORTH MIAMI AND T.Y. LIN INTERNATIONAL, TO PROVIDE ROADWAY, TRAFFIC AND TRANSPORTATION ENGINEERING AND CONSULTING SERVICES FOR DESIGN AND CONSTRUCTION DOCUMENTS FOR STREETScape IMPROVEMENTS ALONG A DESIGNATED PORTION OF NE 125TH STREET AT A COST NOT TO EXCEED ONE HUNDRED TEN THOUSAND TWENTY-EIGHT DOLLARS (\$110,028.00), IN ACCORDANCE WITH THE TERMS, CONDITIONS AND SPECIFICATIONS CONTAINED IN THE REQUEST FOR QUALIFICATIONS # 12-14-15, CONTINUING ARCHITECTURAL AND ENGINEERING SERVICES; PROVIDING FOR AN EFFECTIVE DATE AND FOR ALL OTHER PURPOSES.**

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**RECOMMENDATION**

Staff is requesting that Mayor and City Council authorize the City Manager and City Attorney to finalize and execute an agreement with the engineering consulting firm of T.Y. Lin International (TY Lin) to provide the City with design, permitting and post-design services for the “*Streetscape Improvements*” project along N.E. 125th Street, between N.E. 6th Avenue and N.E. 10th Avenue, at a not-to-exceed cost of \$110,028.

**BACKGROUND**

On March 24, 2015, the City issued Request for Qualifications (RFQ) 12-14-15 “Continuing Architectural and Engineering Services” (Solicitation) in accordance with the Consultants Competitive Negotiation Act (CCNA) for the purpose of retaining experienced, licensed, and insured architectural and engineering firms to provide on a continuing, as-needed when-needed contract basis, the following specific professional services: Landscape Architecture/Interior Design, Roadway, Traffic & Transportation Engineering and Consulting, Water/Waste Water Engineering, Water Resources/Stormwater Design, Urban Planning & Design, and Environmental Engineering.

In response to this Solicitation, TY Lin submitted its qualifications to provide “Roadway, Traffic and Transportation Engineering Services” and was selected and included on the list of pre-qualified CCNA firms by the City Council on June 9, 2015 (see attached Resolution No. 2015-R-52).

In order to move forward with the “*Streetscape Improvements*” project, staff requested a proposal from TY Lin to provide the City with the necessary engineering services to enable the actual development of this project and has negotiated the following terms and conditions for this contract.

### **PROJECT HISTORY & SCOPE OF WORK**

In 2010, the City used Federal stimulus funds to install new sidewalks along the downtown corridor of North Miami. Subsequently, staff began working on plans for the next phase of improvements to the downtown corridor including the addition of bulb-outs, planters, patterned crosswalks, landscaping and street amenities with the use of Community Redevelopment Agency (CRA) funds.

As a result, plans were developed and submitted to the Florida Department of Transportation (FDOT) in order to secure design waivers needed for the planned implementation of larger trees and on-street parking which were not allowed under FDOT guidelines. On March 2012, FDOT gave tentative approval for these plans. However, prior to final permitting and solicitation of a construction contract, funding for this project was re-allocated by the CRA to other projects and the actual work never commenced.

Consequently, in an effort to procure funding for this project from alternate sources, staff applied for a Transportation Alternatives Program (TAP) grant on behalf of the City. In response to staff's efforts, FDOT awarded the City \$772,000 towards completion of the estimated \$910,000 project, with Transportation Surtax funds to be used as a match. The grant allocation is included in FDOT's Tentative 5-Year Plan for construction in FY 2020.

As part of his strategic vision for the City, Mayor Smith Joseph has urged staff to move forward with this project before the FY 2020 date specified by the FDOT grant with the goal of demonstrating the City's commitment to making these improvements along NE 125<sup>th</sup> Street and seeking from FDOT an accelerated release of the grant funds.

In order to do so, staff has reached an agreement with TY Lin to perform the following services:

1. Develop new conceptual design to incorporate recent changes to FDOT design standards that include "*Complete Streets*" elements to make the downtown corridor more pedestrian friendly.
2. Incorporate the design and criteria elements adopted in the City's "*Street Tree Master Plan*" and "*Downtown Master Plan*", adopted after the initial plans for this project were developed.
3. Incorporate features like ADA accessible transit shelters and pedestrian scale LED street lighting.
4. Coordinate all necessary reviews and approvals from the applicable regulatory and utility agencies, including but not limited to securing the necessary permits from FDOT.
5. Develop 100% design and construction documents, with probable cost estimates, and bidding support services for subsequent award of construction contract.

Once this work is completed, the City will then be able to enter into the required Local Agency Program (LAP) agreement with FDOT and request that the funds be released ahead of the FY 2020 schedule.

Staff has negotiated a not-to-exceed fee of \$110,028 with TY Lin for this contract with an estimated time of completion of nine (9) months and recommends award of this agreement.

### **FUNDING SOURCE**

Funding for this work will be allocated from the Half-Cent Surtax funds.

### **ATTACHMENTS**

Resolution

Resolution No. 2015-R-52

Proposal from TY Lin International

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA, AUTHORIZING THE CITY MANAGER AND CITY ATTORNEY TO NEGOTIATE AND EXECUTE A PROFESSIONAL SERVICES AGREEMENT, BETWEEN THE CITY OF NORTH MIAMI AND T.Y. LIN INTERNATIONAL, TO PROVIDE ROADWAY, TRAFFIC AND TRANSPORTATION ENGINEERING AND CONSULTING SERVICES FOR DESIGN AND CONSTRUCTION DOCUMENTS FOR STREETScape IMPROVEMENTS ALONG A DESIGNATED PORTION OF NE 125<sup>TH</sup> STREET AT A COST NOT TO EXCEED ONE HUNDRED TEN THOUSAND TWENTY-EIGHT DOLLARS (\$110,028.00), IN ACCORDANCE WITH THE TERMS, CONDITIONS AND SPECIFICATIONS CONTAINED IN THE REQUEST FOR QUALIFICATIONS # 12-14-15, CONTINUING ARCHITECTURAL AND ENGINEERING SERVICES; PROVIDING FOR AN EFFECTIVE DATE AND FOR ALL OTHER PURPOSES.**

**WHEREAS**, on March 24, 2015, the City of North Miami (“City”) issued *Request for Qualifications # 12-14-15, Continuing Architectural and Engineering Services* (“RFQ”), for the purpose of retaining experienced, licensed, and insured architectural and engineering firms to provide on a continuing, as-needed when-needed contract basis, the following specific professional services: Landscape Architecture/Interior Design, Roadway, Traffic & Transportation Engineering and Consulting, Water/Waste Water Engineering, Water Resources/Stormwater Design, Urban Planning & Design, and Environmental Engineering; and

**WHEREAS**, the RFQ was undertaken in accordance with Florida’s Consultants’ Competitive Negotiation Act, under Section 287.055, Florida Statutes (2015); and

**WHEREAS**, in response to the RFQ, T.Y. Lin International (“Consultant”) submitted its sealed qualifications for the provision of Roadway, Traffic & Transportation Engineering and Consulting (“Services”), and was subsequently selected by City administration as having those qualifications and references most advantageous to the City; and

**WHEREAS**, on June 9, 2015, the Mayor and City Council passed and adopted Resolution No. 2015-R-52, approving the selection of Consultant for the rendition of Services on a continuing, as-needed, when-needed contract basis; and

**WHEREAS**, City administration has identified the need for design and construction documents for streetscape improvements in along a designated portion of NE 125<sup>th</sup> Street, encompassing the downtown area (“Additional Services”); and

**WHEREAS**, the City desires Additional Services to, among other things, be in the position to negotiate with the Florida Department of Transportation for the release of dedicated grant funds for the benefit of the City; and

**WHEREAS**, the City administration respectfully requests that the Mayor and City Council authorize the City Manager and City Attorney to negotiate and execute a Professional Services Agreement for the provision of Additional Services with the primary focus on aesthetical improvements to the City’s downtown corridor.

**NOW THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA:**

**Section 1. Authority of City Manager and City Attorney.** The Mayor and City Council of the City of North Miami, Florida, hereby authorize the City Manager and City Attorney to negotiate and execute a Professional Services Agreement, between the City of North Miami and T.Y. Lin International, to provide Roadway, Traffic and Transportation Engineering and Consulting Services for design and construction documents for streetscape improvements along a designated portion of NE 125<sup>th</sup> Street at a cost not to exceed One Hundred Ten Thousand Twenty-Eight Dollars (\$110,028.00), in accordance with the terms, conditions and specifications contained in the *Request for Qualifications # 12-14-15, Continuing Architectural and Engineering Services*.

**Section 2. Effective Date.** This Resolution shall become effective immediately upon adoption.

**PASSED AND ADOPTED** by a \_\_\_\_\_ vote of the Mayor and City Council of the City of North Miami, Florida, this \_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
DR. SMITH JOSEPH  
MAYOR

ATTEST:

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MICHAEL A. ETIENNE, ESQ.  
CITY CLERK

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY:

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JEFF P. H. CAZEAU, ESQ.  
CITY ATTORNEY

SPONSORED BY: MAYOR SMITH JOSEPH, D.O., PHARM. D.

Moved by: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**Vote:**

Mayor Smith Joseph, D.O., Pharm. D.  
Vice Mayor Alix Desulme  
Councilman Scott Galvin  
Councilwoman Carol Keys, Esq.  
Councilman Philippe Bien-Aime

\_\_\_\_\_ (Yes) \_\_\_\_\_ (No)  
\_\_\_\_\_ (Yes) \_\_\_\_\_ (No)  
\_\_\_\_\_ (Yes) \_\_\_\_\_ (No)  
\_\_\_\_\_ (Yes) \_\_\_\_\_ (No)  
\_\_\_\_\_ (Yes) \_\_\_\_\_ (No)

RESOLUTION NO. 2015-R-52

**A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA, APPROVING THE SELECTION OF PROFESSIONAL CONTRACTORS FOR THE PROVISION OF ARCHITECTURAL AND ENGINEERING SERVICES ON A CONTINUING CONTRACT BASIS WITH THE CITY OF NORTH MIAMI, PURSUANT TO REQUEST FOR QUALIFICATIONS NO. 12-14-15 CONTINUING ARCHITECTURAL AND ENGINEERING SERVICES; PROVIDING FOR AN EFFECTIVE DATE AND FOR ALL OTHER PURPOSES.**

**WHEREAS**, the City of North Miami (“City”) desires to have a pool of professional firms ready to serve as contractors to provide the City with Architectural and Engineering related services on a continuing contract basis; and

**WHEREAS**, on March 24, 2015, the City issued *Request for Qualifications # 12-14-15, Continuing Architectural and Engineering Services* (“RFQ”), for the purpose of retaining experienced, licensed, and insured architectural and engineering firms to provide on a continuing, as-needed when-needed contract basis, the following specific professional services: Landscape Architecture/Interior Design, Roadway, Traffic & Transportation Engineering and Consulting, Water/Waste Water Engineering, Water Resources/Stormwater Design, Urban Planning & Design, and Environmental Engineering (collectively referred to herein as “Services”); and

**WHEREAS**, the RFQ was undertaken in accordance with Florida’s Consultants’ Competitive Negotiation Act, under Section 287.055, Florida Statutes (2014); and

**WHEREAS**, in response to the RFQ, the City administration received many qualifications which were evaluated for the most qualified firms to provide the Services; and

**WHEREAS**, the City administration has prepared a list (attached hereto as “Exhibit A”) representing those firms whose qualifications and references demonstrated to be the most advantageous to the City; and

**WHEREAS**, the City administration respectfully requests that the Mayor and City Council approve the selection of firms for the provision of Services, pursuant to the terms, conditions and specifications contained in the RFQ.

**NOW THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA:**

**Section 1. Selection Approval.** The Mayor and City Council of the City of North Miami, Florida, hereby approve the selection of professional contractors (attached hereto as "Exhibit A") for the provision of Architectural and Engineering Services on a continuing contract basis with the City of North Miami, pursuant to *Request for Qualifications No. 12-14-15 Continuing Architectural and Engineering Services.*

**Section 2. Effective Date.** This Resolution shall become effective immediately upon adoption.

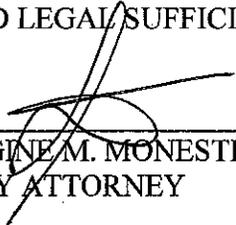
**PASSED AND ADOPTED** by a 5 - 0 vote of the Mayor and City Council of the City of North Miami, Florida, this 9th day of June, 2015.

  
\_\_\_\_\_  
DR. SMITH JOSEPH  
MAYOR

ATTEST:

  
\_\_\_\_\_  
MICHAEL A. ETIENNE, ESQ.  
CITY CLERK

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY:

  
\_\_\_\_\_  
REGINE M. MONESTIME, ESQ.  
CITY ATTORNEY

SPONSORED BY: CITY ADMINISTRATION

Moved by: Galvin

Seconded by: Bien-Aime

**Vote:**

Mayor Smith Joseph, D.O., Pharm. D.  
Vice Mayor Carol Keys, Esq.  
Councilman Scott Galvin  
Councilman Philippe Bien-Aime  
Councilman Alix Desulme

<u>  X  </u>	(Yes)	<u>      </u>	(No)
<u>  X  </u>	(Yes)	<u>      </u>	(No)
<u>  X  </u>	(Yes)	<u>      </u>	(No)
<u>  X  </u>	(Yes)	<u>      </u>	(No)
<u>  X  </u>	(Yes)	<u>      </u>	(No)

June 1, 2016

Greg Netto, P.E.  
Assistant Public Works Director  
Public Works Department  
1855 NE 142 Street  
North Miami, FL 33181  
Office: 305-895-9870, ext. 14003

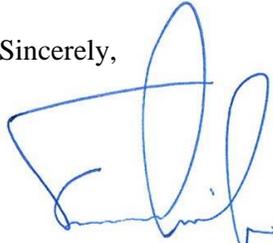
**RE: NE 125<sup>th</sup> Streetscape Project  
Professional Engineering Services Fee Proposal**

Dear Mr. Netto:

T.Y. Lin International (TYLI) appreciates the opportunity to submit this proposal to provide professional engineering services for the preparation of conceptual designs, construction documents and specifications for the referenced project. The scope of work is described in the attached Exhibit "A". Exhibit "B" includes our estimate of man-hours and proposed fee for the project.

We look forward to continuing to work with you on this project. If you agree with this proposal, please sign below and return a copy of this letter to me. Contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Francisco J. Alonso', with a stylized flourish at the end.

Francisco J. Alonso, P.E.  
Project Manager

**CONSULTANT WORK ORDER PROPOSAL  
EXHIBIT “A”**

**“SCOPE OF WORK”**

May 17, 2016

TY Lin International proposes to provide the services identified below for the project entitled “**NE 125<sup>th</sup> Street – Streetscape Project**”, pursuant to its Professional Service Agreement with the City of North Miami for Roadway, Traffic, and Transportation Engineering and Consulting services, under RFQ 12-14-15 dated June 9, 2015.

**I. GENERAL**

The City of North Miami Public Works Department (CITY) proposes to proceed with the final design and construction document phase for the NE 125<sup>th</sup> Street Streetscape Project. TY Lin International (TYLI) (CONSULTANT) will provide Transportation Engineering and Consulting services for the project limits specified below in order to provide a set of construction documents for the subject project. Landscape architecture, civil engineering, and electrical engineering disciplines will be required in the execution of said services. Additional services can be performed by TYLI at the request of the CITY. TYLI’s final design will be based upon the Keith and Schnars, P.A. original design concepts dated February 2011, with modifications based upon input from City staff.

**II. SCOPE OF WORK**

The Project limits are *NE 125<sup>th</sup> Street between NE 6<sup>th</sup> Avenue and NE 10<sup>th</sup> Avenue*. TYLI will prepare detailed design documents graphically showing proposed improvement locations, recommended materials, lighting, furnishings, and other elements critical to the design of the project. The project will establish a streetscape consistent with FDOT Complete Street principles and include the following design elements implement throughout the corridor:

- Curbed “Bulb Outs” along the existing parking lanes to accommodate landscaping and potentially serve stormwater functions.
- Specialty Pavement to delineate parking lanes from travel lanes
- Landscaping cut-outs along existing sidewalk
- Miscellaneous repair of existing sidewalk and/or curb and gutter to repair deficiencies or address spot drainage issues.
  - Ponding to be analyzed at NE 6<sup>th</sup> Ct. (SW corner), and NE 7<sup>th</sup> Ave. (SE corner)
- Implementation of patterned cross walks where they were not installed as part of the previous FDOT RRR project.
- Landscaping and Irrigation for the corridor to maximize use of shade trees
- Decorative lighting consistent with CITY standards and/or precedents
- Site Furnishing consistent with CITY standards and/or precedents
- Design for two (2) bus shelters (refer to proposal from our sub-consultant, PDS, Inc., for a full description of the scope related to the Bus Shelters).
- Examine lane configuration for possibility of adding medians

The design process will include the preparation of Conceptual Design of proposed material for review and discussion with the City Staff and 2 public meetings. Based on feedback and direction from these meetings, TYLI will refine and prepare the subsequent Design package for formal review by the City Staff.

**II.1** TYLI will prepare a conceptual design documents analyzing different design options for review and City Staff and other Stakeholders. Among the options will be analyzing the partial or complete elimination of on-street parking along the corridor.

**II.2** TYLI will prepare materials for two (2) public meeting in order to gain input from the residents and stakeholders on the proposed designs.

**II.3** TYLI will prepare construction documents including engineering/landscape architectural drawings and project specifications. Due to the fact that NE 125<sup>th</sup> Street is a State Road and the project is funded through the Local Agency Program (LAP), the plans and specification will be prepared in accordance with the FDOT Design Standards and Specification for Road and Bridge Construction, dated 2016. Construction documents generally will include the following:

- Hardscape plans and details for construction of elements including identification of paving materials and catalogue item streets furniture and their installation.
- Geometry and Grading plans including dimensions necessary for layout and construction of hardscape improvements.
- Specialized elements from the Keith and Schnars plans included in the design are the paving patterns for sidewalks and crosswalks to be compatible with previously construction elements.
- Landscape Plans and Details including the specific selection and identification of plant types (genus and species, height, spread, character, etc.) in order to maximize shade.
- The location and spacing of plant material
- An automatic irrigation system design for landscaped areas, including plans and details. The system will be designed based upon available existing water conditions.
- Roadway Civil Plans and Details depicting paving, grading, and spot drainage improvements consisting of regrading and/or repairing flow patterns on gutters.
- Lighting Plans and Details depicting layout and details of lighting improvements.
- Utility Plans and Details depicting utility relocations and/or services if required.
- Manufacturer's Cut sheets for elements referenced in Construction Documents, included site furnishings, litter, ash and trash receptacles, site and specialty lighting, etc.
- Technical Specifications for non-standard improvements describing in detail the quality of materials and workmanship, construction installation, and the contractor's guarantee of the site work (non standard items or methods are those not specified by FDOT or City of North Miami Public Works).

**II.4** The TYLI team, will prepare a topographic Survey within the Right-of-Way of NE 125th Street, inclusive of the intersections, between 6th Avenue and 10th Avenue. The survey will include tree Location (type and size) within Right-of-Way, location of the

Right-of-Way Line, location of all driveways and description, location of all above ground visible utilities, rim elevation, invert elevation, pipe, type and size for all drainage and sewer structures within the afore-mentioned area, cross-section elevations at 100' intervals, and addresses of area within the limits of survey.

**II.5** TYLI will submit progress and final documents at the following stages: Conceptual, 60%, 90%, and 100% (see section III)

**II.6** TYLI will use as the basis for design, the basic project framework prepared by Keith and Schnars in 2011.

**II.7** TYLI will prepare and submit an “Engineer’s Estimate of Probable Construction Cost” with every submittal phase.

**II.8** TYLI will attend coordination meetings with the CITY staff including as well as other interested parties and stake holders including but not limited to:

- Florida Department of Transportation - District 6 (FDOT)
- Miami Dade Transit Authority (MDT)
- Florida Power and Light (FPL)
- Miami Dade County Public Works Traffic

**II.9** TYLI will provide **Permitting Support Services** to acquire MDCPW traffic, MD-RER, and FDOT approval on the different project components.

**II.10** TYLI will perform **Utility Coordination** including contacting all affected Utilities within the corridor, meeting with them, and resolving potential conflicts posed by the design.

**II.11** TYLI will provide **Bidding Assistance Services** consisting of attendance and preparation of meeting minutes for a Pre-Bid meeting, responses to RFI’s during bidding, review of the bid tabulation, assisting the City with confirmation of qualifications, and a recommendation for award.

**II.12** TYLI will provide **Post Design Services** for the City. Services to include:

- Review shop drawings submitted by the Contractor
- Provide comments or clarification as required.
- Provide responses to Contractor Requests for Information (RFI)
- Construction time estimated at 9 months.

### **III. DESIGN & PLAN DEVELOPMENT**

**III.1** TYLI will prepare and submit **Conceptual Plans** to the CITY. Plans shall include one roll plot and 24x36 plans including:

- Preliminary Typical Sections
- Preliminary Roadway (Hardscape, Geometry, and Grading) Layout Plan
- Preliminary Landscape Plan
- Preliminary Material Selection for review

- Topographic Survey of Project

**III.2** TYLI will prepare and submit **60% Plans** to the CITY. Plans shall include:

- Key Sheet with Location Map
- General Notes
- Preliminary Typical Sections
- Preliminary Roadway (Hardscape, Geometry, and Grading) Layout Plan
- Preliminary Roadway (Hardscape, Geometry, and Grading) Details
- Preliminary Landscape Plan
- Preliminary Landscape Details
- Preliminary Utility Plan and Details (if required)
- Preliminary Irrigation Plan and Details
- Preliminary Lighting Plan and Details
- Preliminary Bus Shelter Plan and Details (inc. Structural and Electrical)

Plans shall indicate the preliminary location and style of improvements including Hardscape features, Landscape and Architectural features, Paving and Grading as well as irrigation and lighting through the project limits. Plan sheets will be 1:40 scale (11x17) and prepared using MicroStation. At this stage, project exhibits will be prepared as material for stakeholder meetings. Comments and restrictions resulting from stakeholder meetings will be implemented in the subsequent phase.

CONSULTANT shall prepare a Design Variation Package and all supporting documentation and submit to FDOT District 6 for review and approval.

CONSULTANT shall submit one (1) electronic set of all documents and seven (7) printed copies and construction cost estimate to the CITY for review.

**III.3** TYLI shall develop Plans (**90% Plans**) for the CITY review. The Plans shall include:

- Key Sheet with Location Map
- General Notes
- Typical Sections
- Roadway (Hardscape, Geometry, and Grading) Layout Plan
- Roadway (Hardscape, Geometry, and Grading) Details
- Landscape Plan
- Landscape Details
- Utility Plan and Details
- Irrigation Plan and Details
- Lighting Plan and Details
- Site Furnishing Plan and Details
- Signing and Pavement Marking Plans
- Stormwater Pollution Prevention Plan
- Geotechnical Boring Data (if required)
- Miscellaneous Details
- Traffic Control Plans
- Bus Shelter Plan and Details (inc. Structural and Electrical)

- Preliminary Project Technical Specifications

Plans shall indicate the near-final location and style of improvements including Hardscape features, Landscape and Architectural features, Paving, Grading, and Drainage, Irrigation, Lighting, Signing and Pavement marking, and miscellaneous engineering for permitting and construction. Plan sheets will be 1:40 scale (11x17) and prepared using MicroStation. At this stage, project exhibits will be modified (if required) as material for stakeholder meetings. Stakeholder concerns shall be largely addressed by this point so any comments and/or restrictions resulting from 90% stakeholder meetings must be critical in nature to warrant a plan revision.

CONSULTANT shall submit one (1) electronic set of all documents and seven (7) printed copies and construction cost estimate to the CITY for review.

**III.4** TYLI will prepare Construction Plans (**100% Plans**) for the CITY. The Plans shall be signed and sealed by a registered Professional Engineer and include:

- Key Sheet with Location Map
- General Notes
- Typical Sections
- Roadway (Hardscape, Geometry, and Grading) Layout Plan
- Roadway (Hardscape, Geometry, and Grading) Details
- Landscape Plan
- Landscape Details
- Civil, Grading, and Drainage Plan
- Civil, Grading, and Drainage Details
- Utility Plan and Details
- Irrigation Plan and Details
- Lighting Plan and Details
- Site Furnishing Plan and Details
- Signing and Pavement Marking Plans
- Stormwater Pollution Prevention Plan
- Geotechnical Boring Data (if required)
- Miscellaneous Details
- Traffic Control Plans
- Bus Shelter Plan and Details (inc. Structural and Electrical)
- Project Technical Specifications

Plans shall indicate the final location and style of improvements including Hardscape features, Landscape and Architectural features, Paving, Grading, and Drainage, Irrigation, Lighting, Signing and Pavement marking, and miscellaneous engineering for permitting and construction. Plan sheets will be 1:40 scale (11x17) and prepared using MicroStation.

CONSULTANT shall submit one (1) electronic set of all documents and seven (7) printed copies and construction cost estimate to the CITY for preparation of the Bid-Documents.

The following tasks are specifically excluded from the Project Scope:

1. Final production and distribution of notices, advertisements, and/or letters to stakeholders in regards to the Public Meetings.
2. Electrical Engineering Services other than what is described above.
3. Easement Agreements for adjacent property owners.
4. Environmental investigations, Phase I audits, or other environmental mitigation.
5. Signalization.
6. Drainage hydraulic/hydrologic analysis and/or design of other City-planned drainage improvements outside of the project limits.

**IV. SUB-CONSULTANTS**

The below listed Sub-Consultants will assist in the performance of this work.

<b>Sub-Consultant Name</b>	<b>Specialty or Expertise</b>
Premiere Design Solutions, Inc.	Bus Shelter Design
Avino and Associates	Surveying Services

**V. SCHEDULE OF WORK – TIME OF PERFORMANCE**

CONSULTANT shall submit the deliverables and perform the Work as depicted in the tables below.

<b><i>SCHEDULE OF DELIVERABLES</i></b>				
<b><i>Task ID</i></b>	<b><i>Drawing Name or Deliverable</i></b>	<b><i>Delivery Date</i></b>		
IV.1	Topographic Survey	NTP + 3 weeks		
III.1	Conceptual Design Documents	NTP + 4 weeks		
III.2	60% Construction Documents	NTP + 16 weeks		
III.3	90% Construction Documents	NTP + 26 weeks		
III.4	100% Construction Documents	NTP + 34 weeks		
II.8	Post Design Phase Services	Const. NTP + 12weeks		
<b><i>SCHEDULE OF WORK</i></b>				
<b><i>Task ID</i></b>	<b><i>Task Name and/or Activity Description</i></b>	<b><i>Duration (weeks)</i></b>	<b><i>Start Date</i></b>	<b><i>Finish Date</i></b>
IV.1	Topographic Survey	3 weeks	TBD	TBD
III.1	Conceptual Design Documents	4 weeks	TBD	TBD
	City/Stakeholder Conceptual Review Process/Meetings	8 weeks	TBD	TBD
III.2	60% Construction Documents	4 weeks	TBD	TBD
	City/Stakeholder 60% CD Review Process/Meetings	4 weeks	TBD	TBD
III.3	90% Construction Documents	6 weeks	TBD	TBD
	90% CD Review Process/Meetings	4 weeks	TBD	TBD
III.4	100% Construction Documents	4 weeks	TBD	TBD
II.8	Post Design Phase Services	12 weeks	TBD	TBD

*\*Project schedule is a conservative estimate and provides for ample review time for City staff, stakeholder meetings, and meeting outcome implementation.*

**VI. COMPENSATION**

Consultant shall perform the Work detailed in this Proposal for a Lump Sum, Not to Exceed fee of **\$110,028.80 (One Hundred Ten Thousand Twenty-Eight Dollars 80/100)**. Said fee includes an allowance for additional services required in connection with the work, which shall be established in a limiting amount, not to exceed fee of **\$5,000.00**.

<b>SUMMARY OF COMPENSATION</b>			
	<b><i>Task Name and/or Activity Description</i></b>	<b><i>Fee Amount</i></b>	<b><i>Fee Basis</i></b>
III.1	Conceptual Design Documents	\$14,549.18	Lump Sum, Not to Exceed
III.2	60% Construction Documents	\$28,290.08	Lump Sum, Not to Exceed
III.3	90% Construction Documents	\$28,290.08	Lump Sum, Not to Exceed
III.4	100% Construction Documents	\$9,699.46	Lump Sum, Not to Exceed
IV.1	Topographic Survey	\$10,900.00	Lump Sum, Not to Exceed
IV.2	Bus Shelter Construction Documents	\$6,900.00	Lump Sum, Not to Exceed
	<b>Basic Design Phase Sub-Total =</b>	<b>\$98,628.80</b>	Lump Sum, Not to Exceed
II.8	Post Design Phase Services	\$6,400.00	Hourly Rate, Not to Exceed
	Allowance for Additional Services	\$5,000.00	Limiting fee, Not to Exceed
	<b>Total =</b>	<b>\$110,028.80</b>	Lump Sum, Not to Exceed

**VII. ADDITIONAL SERVICES**

TYLI shall present a supplemental proposal for additional services not specifically described in this proposal at the discretion of the CITY. An allowance account of \$5000 has been established in the budget to account for minor supplements if required by the City.

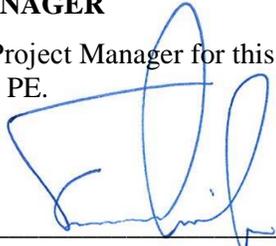
Potential additional services identified at this stage may include support for the required documentation to execute the actual LAP agreement including the programmatic categorical exclusion documentation.

**VIII. DATA PROVIDED BY CITY**

CITY shall provide access to the project site

**IX. PROJECT MANAGER**

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



Submitted by:

\_\_\_\_\_  
Francisco J. Alonso, PE.  
Project Manager

Approved by:

\_\_\_\_\_  
Project Manager  
City of North Miami Public Works