

**BC-HBEACH-FY2020-HALL-019 N.W./S.W. 8<sup>th</sup> AVENUE COMPLETE STREET PROJECT**

**WORKS TO BE PERFORMED**

Task 1: Kick-Off Meeting

The City, Consultant, and any other appropriate entities shall hold an kick- off meeting to review the project management plan that will include the detailed scope; schedule; project requirements; roles and responsibilities of project partners such as marketing, public outreach, data gathering, etc.; public meeting agenda and proposed technique for public involvement proposed for the project; and any other information which would assist in project completion. The Consultant shall prepare the agenda and distribute to all project partners a meeting summary clearly indicating the agreements/understandings reached at the meeting. Work on subsequent tasks shall not proceed prior to City's approval of the proposed approach as outlined in the meeting summary. One (1) meeting at 2- hours per meeting should be included in the proposal for Kick-Off Stage.

Task 2: Surveying, Existing Conditions and Best Practices

Surveying: Consultant shall provide ground survey (see project limits) to locate potential physical conflicts and support design of potential required physical modifications to the roadway, traffic signals, and appurtenances. City Right of Way along the corridor shall be identified based upon the most recent tax map information. Utilities must be identified and included in all base map layouts. All designs shall be completed in AutoCAD and as a PDF file with copy of original survey base map provided to the City of Hallandale Beach as a record document, on paper and in electronic format on CD.

Soil Testing: Soil test borings performed along the roadway alignment will provide valuable information regarding pavement subgrade conditions, potential impact of varying fill heights, suitability of potential borrow and/or excavation areas and pavement design thicknesses based on projected average daily traffic volumes.

Data Collection: Consultant will collect and review available information on existing conditions for the project corridor area, including existing roadway classifications; traffic volumes; bicycle routes; destinations such as commercial areas, schools, parks, community centers; multimodal transportation and transit connections; existing gaps in bicycle and pedestrian network in the City right-of-way; General Plan policies; connectivity with bicycle and pedestrian facilities in adjoining city corridors; and other City related plans/policies. Perform inventories including ADA and pedestrian accommodations, traffic control signs, and pavement markings throughout the corridor.

Best Practices: Consultant will review and summarize Complete Streets, bicycle, and pedestrian, and first/last-mile best practices.

Task 3: Community Outreach

- The selected Consultant ("Consultant") will develop a community outreach strategy for review by City staff.
- Consultant will develop the project vision and goals, informed by stakeholders and recent City efforts, for review by City staff.

- Consultant will develop a brief educational module for local stakeholders about the benefits, challenges, and opportunities relating to complete streets in the City of Hallandale Beach. This educational component could include a presentation and pamphlet, both of which should be visually appealing, engaging, and easily understood by a variety of audiences. These materials could discuss the topics of Safe Routes to School, Vision Zero and safety improvements, traffic calming, access to points of interest, economic vitality, and opportunities for open streets festivals to broaden the understanding of complete streets best practices, and how these programs and policies impact the use of active transportation modes.
- Consultant will facilitate three community workshops over the course of the project. The Consultant will be responsible for providing meeting materials, collecting meeting notes, and minutes. The meetings should incorporate interactive and visual materials (i.e., infographics, maps, cross-sections, photo simulations, etc.).
  - One workshop in the early stages of the project to understand the needs and desires of the public and share existing conditions and best practices.
  - Two community workshops to obtain community input on the draft Complete Streets Plan
- Consultant will facilitate two interactive community engagement events. Consultant will be responsible for providing event materials, collecting notes, and minutes.

#### Task 4: Develop a Complete Streets Conceptual Plan

Consultant will develop a Complete Streets Conceptual Design Plan for the NW/SW 8th Avenue corridor within the City Right-of-Way, for City review. Consultant to provide comprehensive professional architectural and engineering services for the project. Disciplines shall include, but not be limited to mechanical, electrical, geotechnical, fire protection, telecommunications, surveying, utility coordination, landscaping, irrigation, civil, structural (to provide threshold inspections), and commissioning. Any specialty disciplines necessary to complete the project scope of service such as sound engineering consultant, as needed, and any other specialty sub consultants necessary to design the project.

The plan should include a tiered prioritization of proposed projects. Consultant will provide an outline prior to developing the full draft document and should plan for two to three rounds of revisions to the conceptual design plan.

The Complete Streets Conceptual Design Plan will include the following topic areas along with high quality conceptual design graphics of the proposed treatments.

Roadway and Site Design: Consultant will develop following items: Right of way design, typical sections, horizontal and vertical alignments.

Bicycle: Consultant will identify destinations for bicycling and design for bicycle infrastructure along the City right-of-way of corridor. Consultant shall specify the type of bicycle infrastructure proposed (classification) and why that infrastructure is appropriate for the street recommended, with consideration to community input, traffic conditions, level of traffic stress, traffic volumes, parking, and safety. Consultant will develop high quality conceptual design graphics illustrating the proposed bicycle treatments in the right-of way of the corridor.

**Pedestrian:** Consultant will identify key destinations for pedestrians to propose pedestrian infrastructure, ADA Ramps treatments and crosswalk improvements in the Corridor. Consultant will develop high quality conceptual design images of the proposed pedestrian treatments.

**First/Last-Mile Bicycle and Pedestrian Connectivity:** Consultant will review the existing transit system and potential transit expansion plans to determine how the existing/future bicycle, transit networks, and bike share system can connect to existing and future transportation hubs within the corridor (within the existing right-of way) to improve access to transit and pedestrian facilities. Consultant will review the existing transit system and potential transit expansion plans to determine roadways within the corridor (within the city right-of way) that would benefit from enhanced pedestrian infrastructure/streetscape and improved access to transportation hubs. Pedestrian and bicycle friendly improvements will be proposed within the corridor (within the city right-of-way).

Task 5: Conceptual Design Plan Presentation & Approval by City Staff and City Commission.

Perform Charrette(s) to seek input from the Community, City Commission and City Administration. These interactive sessions shall be presented in a workshop format, and Consultant shall incorporate agreed upon revisions in the next progress review presentation. Charrette may include multiple and/or individual meetings, if necessary. Recommendations are to be presented by Consultant at a Community meeting with final approval at a City Commission public meeting. The Consultant will be required to attend one (1) public meeting to present the Conceptual Design Plan to City Commission detailing the design elements, materials, and phasing plan. The Consultant should be prepared to respond to, and incorporate comments, on the preferred design plan from the City Staff and City Commission. One (1) meeting at 1 hour per meeting should be included in the proposal for 30% Conceptual Design Plan Stage.

Task 6: Preparation of Preliminary Construction Cost Estimate

The Consultant shall be required to prepare an itemized engineers cost estimate based on the 30% design, which outlines the associated unit, quantity, unit cost and amount for each item.

Task 7: Final Design Development

Consultant shall proceed with Final plan and specifications for the project once the Conceptual Design Plans are accepted by the City. The Consultant shall provide 60%, 95%, and 100% final design Complete Plans & Specifications for City review. Designs shall incorporate City comments. Consultant shall provide construction cost Estimates updated at each design review milestone. Three (3) meetings at 2- hours per meeting should be included in the proposal for the 60%, 95%, and 100% Design Development Stages.

The Design shall include and account for:

All Base Map and Survey work required to develop detailed Construction Site Plans that include:

- Identify existing conditions
- Identify necessary ROW requirement for improvements to remain in City ROW
- Identify existing above ground & below ground structures
- Identify existing underground & overhead utilities
- Identify trees and other foliage, and which trees will need to be removed, if necessary.
- Identify locations for bicycle racks and potential locations for bike share stations. Bike racks and bike share stations are not eligible for surtax.

## HALL-019 NW/SW 8<sup>th</sup> Ave. Complete Street Project Design

- Indicate where Community Shuttle bus stops will be located and show how bicycle / bus interaction will occur at bus stops. Each bus stop requires a complete ADA-complaint pedestrian network.
- Planned location & installation requirements for proposed pedestrian signals, lighting, ADA compliant crosswalks, pedestrian ramps, bike lanes and/or sharrows, and sidewalks.
- Maintenance & Protection of Traffic Plan

Provide all details and specifications required for construction

### Final Design Deliverables

- Consultant must provide 100% complete signed and sealed construction documents and a construction cost estimate which separates the surtax-funded and non-surtax funded elements, prepared in accordance with applicable State, County, and local standards, subject to review and approval by County (Opinion of Probable Cost – OPC) are required deliverables to be provided by the design Consultant.
- Design scaled Auto CAD Civil 3D drawings on CD – (2 CD's)
- Four (4) sets of large and reduced (11" x 17") plan set and electronically (PDF) at an engineering scale of 1" = 20'
- Written summary of all specifications including materials

## **SURTAX FUNDING ITEMS ELIGIBILITY CRITERIA: SECOND AMENDMENT TO AND RESTATEMENT OF THE TRANSPORTATION SYSTEM SURTAX INTERLOCAL AGREEMENT**

**III Eligibility. To be eligible for funding with Transportation Surtax Proceeds, Municipal Projects must comply with Section 212.055(1), Florida Statutes, as well as the following eligibility criteria as applicable:**

A. Street lighting: Improvements to lighting systems along a public road that are ancillary to road improvements and illuminate the right-of-way for vehicles, pedestrians, and bicyclists, are eligible projects. Such lighting improvements may be a component of the design for a road improvement project that included phases which were funded earlier with a different funding source. A lighting justification report consistent with Broward County and FDOT policies and the criteria outlined in the then-current version of the Florida Green book is required for these improvements to be eligible.

B. Drainage: Improvements to a public road stormwater system that address drainage deficiencies are eligible, provided the drainage improvements only address stormwater runoff from a public roadway. A drainage analysis is required for drainage projects and may include the width of the road right-of-way plus up to ten feet on each side of the right-of-way to calculate the eligible size of the stormwater system. Increases to the stormwater system to accommodate a drainage area greater than the eligible size are not eligible. Improvements to address runoff from private roads and/or developments are not eligible.

C. Sound Walls: Improvements that are consistent with the then-applicable FOOT noise decibel level criteria and the Broward County criteria for noise abatement projects are only eligible if the improvements meet all of the following criteria: • Any requested sound wall is due to a road project that

adds through lanes to an existing road, alters the road alignment significantly, or constructs a new road;

- The traffic noise study indicates the projected exterior noise level approaches or exceeds 67 decibels (dBA) or increases the existing noise level by 15 dBA or more; and
- FOOT compliant modeling shows the proposed wall will reduce the noise level at least five (5) dBA with a typical design goal of ten (10) dBA reduction.

D. Fiber-optic: Fiber-optic improvements supporting only communications for the County's public transportation system are eligible, provided that the proposed improvements have received approval from the maintaining and operating agency(ies). A shared conduit that includes use for any purpose other than the County's public transportation system is not eligible for funding through Transportation Surtax Proceeds.

E. Landscaping: Only landscaping improvements within the public road right-of-way that are ancillary to a road improvement project and meet the applicable design criteria are eligible. Such landscaping improvements may be a component of the design for a road improvement project that included phases which were funded earlier with a different funding source.

F. Parking: Improvements used for park-and-ride or other transit-oriented development parking that serve the public are eligible. Garages directly related to a public transportation project that serve the public are eligible, provided the parking fees do not exceed costs associated with operating and maintaining the facility. On-street parking is not eligible for surtax funding.

G. Road Improvements: New roads, widening, resurfacing, and repairs of existing roads, pavement markings, signage, guardrails, ADA accommodations, and traffic calming projects are eligible. High-end decorative lighting, decorative road signage, brick pavers, and similar items are not eligible.