



July 13, 2017

Mariana Patiriciu, P.E.
Assistant Director of Public Works/ City Engineer
Department of Public Works
630 N.W. 2nd Street
Hallandale Beach, FL 33009

**Re: Diana Drive Roadway and Drainage Improvements from Golden Isles Drive to S.E. 26th Avenue
City of Hallandale Beach
Continuing Services and Comprehensive Services RFP # FY 2013-2014-006
Discipline: Civil Engineering**

Dear Ms. Patiriciu,

EAC Consulting Inc. is pleased to submit this fee proposal to provide civil engineering services for the above referenced project.

Project Understanding

The City has requested EAC to provide a new fee proposal to develop construction documents as per the attached revised approved Concept Plan. The Concept Plan includes the following:

1. Sidewalk to be incorporated on the south side of the road and be constructed at the property line. This will result in elimination of the parking spaces created by different condominiums.
2. One way traffic east bound on the south side of the median
3. Keep on street parking on the south side of the median
4. Keep the existing median and existing large trees; replace damage curbing, provide enhanced landscaping and irrigation
5. Add on street parking on the north side of the landscaped median and preserve one-way west bound
6. Sharrow lane west bound (shared travel lane with bicycle)
7. A new roundabout at the intersection of Diana Drive and SE 26th Avenue
8. Bike lanes on SE 26 Avenue and Golden Isles Drive from Diana Drive to East Hallandale Beach Boulevard.

The City is requesting EAC to develop construction documents that meets the City of Hallandale Beach's Code of Ordinance, MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, commonly called the "Florida Greenbook", FDOT Design Manual and Broward County Standards to facilitate roadway and drainage improvement requirements based on the above. EAC will also be addressing ADA improvements needed for the project.

Our scope of work will include:

1. Survey for SE 26 Avenue and Golden Isles Drive between Diana Drive and East Hallandale Beach Boulevard
2. Roadway and Drainage plans as per the approved Concept Plan
3. Typical sections
4. Drainage report
5. Landscape and Irrigation plans
6. Cost Estimates

7. Specifications
8. Coordination and Permitting
9. Bid and Award Services - only RFI responses.

Anticipated Drawing List includes:

- Key Sheet
- Summary of Quantities
- Optional Materials Tabulation
- Demolition Plan
- Typical Sections
- Construction Details
- Project Layout
- General Notes
- Roadway Plans and Profiles
- Stormwater Pollution Prevention Notes & Details
- Stormwater Pollution Prevention Plan
- Signing & Pavement Marking Plan
- Traffic sign inventory
- MOT notes and details
- Landscape & Irrigation plans

Project Schedule from NTP:

Task	Time
Additional Survey	4 weeks
60% Construction Documents	4 weeks
90% Construction Documents	4 weeks after City's 60% comments
Permitting & Approvals	4 weeks (estimated)
100% Construction Documents	2 weeks
Total	18 weeks from NTP

Permitting and Approval Agencies:

- Broward County Traffic Engineering Department
- Broward County Environmental Protection and Growth Management Department (BCEPGMD)
- South Florida Water Management District (SFWMD)

The aforementioned scope of services assumes that:

1. The survey from Gibbs Land Surveyors dated 8/6/2014 will be used for the project in addition to added survey scope.
2. Drainage design services are based on exfiltration trench system design.
3. General MOT notes are included in this proposal. It will be the contractor's responsibility to provide MOT based on his/her proposed construction means and methods.
4. All permitting review fees, when required will be provided to EAC by the City. This will be in the form of a check, made payable to the permitting agency.
5. Plans will be developed in AutoCAD format in 11"x17" sheets.

Our services on this assignment will be complimented by the following sub-consultants:

- Survey Services - Gibbs Land Surveyors
- Landscape Architectural and Irrigation Services - Curtis and Rogers
- Subsurface Utility Engineering - FR Aleman

Deliverables:

At 60%

- Design Plans - Only digital format (one single PDF and AutoCAD files)
- Survey PDF files and AutoCAD files
- Drainage Report
- Cost Estimates

At 90%

- Design Plans - Only Digital (One single PDF file and AutoCAD files)
- Technical specifications
- Drainage Report
- Cost Estimates

At 100%

- Design Plans Digital - PDF electronic signed and sealed
- Design Plans Three hard copies signed and sealed
- Technical specification signed and sealed one PDF and one hard copy

Project Fees:

Activities/Tasks	Fee
Meetings, Coordination and Data Collection	\$6,840
60% Construction Documents	\$42,190
90% Construction Documents	\$17,885
100% Construction Documents	\$6,070
Permitting and Approvals	\$8,440
Optional Services –SFWMD ERP	\$ 5,495
Bid & Award Services (RFI Responses Only)	\$1,000
Survey Services – Gibbs Land Surveyors	\$2,400
Landscape Architectural Services- Curtis and Rogers	\$9,350
Subsurface Utility Engineering – FR Aleman	\$3,600
Reimbursable	\$500
TOTAL (LUMP SUM)	\$103,770

Signed approval of this proposal or written authorization to proceed with services will be required for us to commence civil engineering design and development of Construction Documents.

We look forward to a successful project. Please feel free to discuss any concerns with us.

Sincerely,

EAC Consulting, Inc.



Sharmin Siddique, P.E.
Senior Project Manager