



February 24, 2016

## Consultant Proposal for Town of Cutler Bay Middle School Pedestrian Capacity Improvements

**Project:** Proposed Sidewalk Connectivity of Perimeter Streets to Increase Pedestrian Capacity and Improve Safe Routes to School (SRTS) for Cutler Bay Middle School. Located at: 19400 Gulfstream Road, Cutler Bay, Florida, 33157.

**Project Limits:** SW 191 Street (west side), SW 99 Avenue (south side), SW 193 Street (east side) and SW 98 Avenue (south side) and a portion of SW 194 Terrace (275 feet on east side) adjacent to Cutler Ridge Middle School including ADA and Pedestrian improvements at intersections. Approximate project length 4,750 LF (See attached Exhibit "B").

The proposed project scope includes; Sidewalk Design and Connectivity, ADA Ramps with truncated dome at all intersections along sidewalk path, Curb and Gutter as necessary, benches & Trash receptacles as necessary, location of remote outdoor fitness equipment, Signing and Pavement markings, tree relocations and planting as directed by the Town.

### *Deliverables*

Topographic Survey to include:

- All edge of pavements, sidewalks, paved areas, rights of way lines, light poles, power, poles, bus stops, guardrails, handicap ramps, walls, signal mast arms, drainage structures, manholes, signs, FP&L power poles, guy anchors, utility castings, poles (including guy wires), fences, and all other significant above ground features within the survey corridor.
- Spot elevations throughout the corridor to include elevations at 100 foot intervals and at high low points. In addition, most above ground improvements collected will have an elevation.
- Existing pipe invert elevations, pipe direction and apparent pipe diameters at all existing drainage structures within the survey limits.
- All existing elevations shall be based on NGVD 29 datum.

### *Contract Documents*

The plans will be completed on a standard FDOT 11"x17" format and will be consistent with the latest Federal, State and Town standards and specifications. The plans shall include the following sheets:

- Key Sheet
- Typical Section Sheets
- General Notes
- Tabulation of quantities Sheets
- Plan Sheets (Only)

- Miscellaneous Details Sheets
- Cross Sections
- Traffic Control General Notes
- Stormwater Pollution Prevention Plan (SWPPP)
- All required FDOT specifications

The scope will also include Opinion of Probable Costs as per FDOT Design quantities and Estimates, assist in all required permit applications, provide plan revisions as necessary to address permitting comments until all required permits are obtained,

Additionally this proposal includes Post Design Services to include attending the mandatory ITB meeting and assistance to bidder's inquiries, attending the pre-construction meeting, Shop Drawings review and up to six (6) requests for Information (RFI'S) from the Contractor.

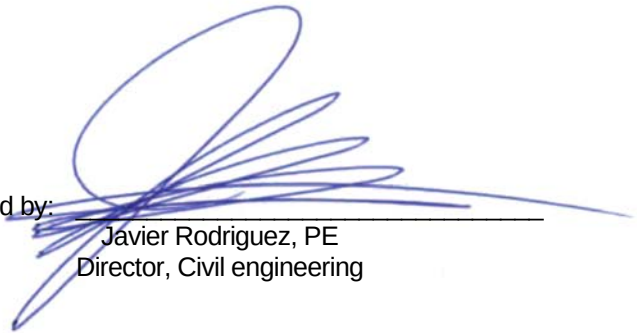
All project deliverables will be in accordance with;

- Americans with Disabilities ACT (ADA)
- Manual of Uniform Traffic Control Devices (MUTCD)
- Federal Safe Routes to School Program Guideline.

***FEE***

The total lump sum fee for this project will be \$ 60,448.00. A Fee breakdown is attached.

Submitted by:



Javier Rodriguez, PE  
Director, Civil engineering

## ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Cutler Bay Middle School Perimeter Streets SRTS  
 County: Dade  
 FPN: NA  
 FAP No.: NA

Consultant Name: RJ Behar and Co.  
 Consultant No.: NA  
 Date: 3/3/2016  
 Estimator: JR

| Staff Classification                              | Total Staff Hours From "SH Summary - Firm" | Project Manager | Senior Engineer | Project Engineer | Designer   | CADD Tech  | Staff Classification 6 | Staff Classification 7 | Staff Classification 8 | Staff Classification 9 | Staff Classification 10 | Staff Classification 11 | Staff Classification 12 | SH By Activity | Salary Cost By Activity | Average Rate Per Task |
|---------------------------------------------------|--------------------------------------------|-----------------|-----------------|------------------|------------|------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|----------------|-------------------------|-----------------------|
|                                                   |                                            | \$175.00        | \$157.00        | \$132.00         | \$114.00   | \$90.00    | \$0.00                 | \$0.00                 | \$0.00                 | \$0.00                 | \$0.00                  | \$0.00                  | \$0.00                  |                |                         |                       |
| 3. Project General and Project Common Tasks       | 79                                         | 55              | 8               | 8                | 8          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 79             | \$12,849                | \$162.65              |
| 4. Roadway Analysis                               | 38                                         | 4               | 8               | 11               | 8          | 8          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 39             | \$5,040                 | \$129.23              |
| 5. Roadway Plans                                  | 141                                        | 14              | 28              | 42               | 28         | 28         | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 140            | \$18,102                | \$129.30              |
| 6. Drainage Analysis                              | 14                                         | 1               | 3               | 4                | 3          | 3          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 14             | \$1,786                 | \$127.57              |
| 7. Utilities                                      | 25                                         | 3               | 5               | 8                | 5          | 5          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 26             | \$3,386                 | \$130.23              |
| 8. Environmental Permits, Compliance & Clearances | 24                                         | 2               | 5               | 7                | 5          | 5          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 24             | \$3,079                 | \$128.29              |
| 9. Structures - Misc. Tasks, Dwgs, Non-Tech.      | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 10. Structures - Bridge Development Report        | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 11. Structures - Temporary Bridge                 | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 12. Structures - Short Span Concrete Bridge       | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 13. Structures - Medium Span Concrete Bridge      | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 14. Structures - Structural Steel Bridge          | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 15. Structures - Segmental Concrete Bridge        | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 16. Structures - Movable Span                     | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 17. Structures - Retaining Walls                  | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 18. Structures - Miscellaneous                    | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 19. Signing & Pavement Marking Analysis           | 11                                         | 1               | 2               | 3                | 2          | 2          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 10             | \$1,293                 | \$129.30              |
| 20. Signing & Pavement Marking Plans              | 48                                         | 5               | 10              | 14               | 10         | 10         | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 49             | \$6,333                 | \$129.24              |
| 21. Signalization Analysis                        | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 22. Signalization Plans                           | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 23. Lighting Analysis                             | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 24. Lighting Plans                                | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 25. Landscape Architecture Analysis               | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 26. Landscape Architecture Plans                  | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 27. Survey (Field & Office Support)               | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 28. Photogrammetry                                | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 29. Mapping                                       | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 30. Terrestrial Mobile LIDAR                      | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 31. Architecture Development                      | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 32. Noise Barriers Impact Design Assessment       | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 33. Intelligent Transportation Systems Analysis   | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 34. Intelligent Transportation Systems Plans      | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| 35. Geotechnical                                  | 0                                          | 0               | 0               | 0                | 0          | 0          | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 0              | \$0                     | #DIV/0!               |
| <b>Total Staff Hours</b>                          | 380                                        | 85              | 69              | 97               | 69         | 61         | 0                      | 0                      | 0                      | 0                      | 0                       | 0                       | 0                       | 381            |                         |                       |
| <b>Total Staff Cost</b>                           |                                            | \$14,875.00     | \$10,833.00     | \$12,804.00      | \$7,866.00 | \$5,490.00 | \$0.00                 | \$0.00                 | \$0.00                 | \$0.00                 | \$0.00                  | \$0.00                  | \$0.00                  |                | \$51,868.00             | \$136.14              |

Survey Field Days by Subconsultant  
 4 - Person Crew:

## Notes:

1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.
2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

## SALARY RELATED COSTS:

OVERHEAD:

0%

\$51,868.00

OPERATING MARGIN:

0%

\$0.00

FCCM (Facilities Capital Cost Money):

0.00%

\$0.00

EXPENSES:

0.00%

\$0.00

Survey (Field - if by Prime)

0

4-man crew  
days @

\$ - / day

\$0.00

**SUBTOTAL ESTIMATED FEE:****\$51,868.00**

Subconsultant: Survey, Longitude

**\$8,580.00**

Subconsultant:

**\$0.00**

Optional Services

**\$0.00****GRAND TOTAL ESTIMATED FEE:****\$60,448.00**

Check = \$51,868.00