



Stantec

901 Ponce de Leon Boulevard Suite 900
Coral Gables FL 33134

April 24, 2019

City of Key West
1300 White St
Key West, Florida 33040

Attention: Kelly M. Crowe, P.E.
City Engineer

Reference: 20th Street Improvements from Flagler Avenue to 18th Terrace Drive (2,500 LF)

Dear Mr. Crowe,

We are pleased to present this proposal of professional engineering and surveying services for your consideration.

Scope of Project:

The City of Key West would like to undergo improvements on 20th Street from Flagler Street to 18th Terrace, (approximately 2,500 linear feet) and will consist of asphalt milling and resurfacing, sidewalk repairs (if needed), upgrades to ADA sidewalk access along the east side of the street, and upgrades to pavement marking and signing. It is our understanding that no grading plan or new drainage will be required. It is the intent of the project to incorporate bicycle facilities into this segment of the project.

Scope of Services:

Design and Survey

Our scope includes obtaining a boundary and topographic survey to use in our design (see attached proposal). Typical section will be provided to city for approval. Existing asphalt will be milled 1.5 inches and resurfaced/restriped. We will also specify ADA ramp upgrades along the east side of the street. No new drainage will be provided. Stantec will develop a geometry layout plan and profile, pavement marking and signage plans, utility coordination will be performed as required. Stantec will provide profiles for the centerline of the road including top of curb east and west, no utilities will be shown on the plans. No geotechnical/environmental investigation or testing is included. No irrigation or lighting/electrical design is included in our scope. We will provide plans for review by the City at schematic phase, 60% and 90% stages. We have also included 2 site visits to review the design plans in the field and prepare an estimate of probable construction cost. Specifications will be provided in word document and PDF.

Post Design Phase:

Not included, but a proposal can be provided if needed.

Terms and Conditions:

All terms and conditions shall be per our Agreement for General Engineering Services (dated 10/13/17) and all fees shall be as follows:



April 24, 2019
Kelly M. Crowe, P.E.
Page 2 of 2

Reference: 20th Street Improvements

Design and Survey Phase (Lump Sum)	\$76,192
Reimbursables and Additional Services (Allowance)	\$1,000
Total:	\$77,192

EXCLUSIONS

Scope of services does not include the following items:

- Geotechnical and Environmental services.
- Drainage plan.
- Lighting and Irrigation plans.
- Landscaping plans.
- Public Meetings.
- Presentation Boards.
- Bid package.
- Post Design Services.

We are ready to begin working on this assignment upon your authorization to proceed. If acceptable to you, we will accept a signed copy of this form as your written authorization to proceed with the assignment.

Thank you,

Stantec Consulting Services Inc.

Sean Compel, P.E. LEED AP
Senior Associate
Tel: 305-445-2900
Fax: 305-445-0869
sean.compel@stantec.com

City of Key West

Approved by:

Print Name

Signature

Date

FEE WORKSHEET

DATE: April 24, 2019

PROJECT: 20th Street Improvements - City of Key West

Design Services (Lump Sum):

Task	Principal	Project Manager	Engineer (PE)	Engineer (EI)	Senior Tech	Data Processor
Field review -site conditions			12	12		
Drawing Setup and Coordination with survey		4		4	6	
Geometry layout including Plan and profile	2	10	35	45	65	
Construction Sections, Details, Notes, Key Sheet		2	2	6	8	
Pavement marking and signage		8	40	40	45	
Specifications		2	8	8		6
Quantities & Cost Estimates		2	3	8		
QA/QC	4	6				
Sub-Total Hours	6	34	100	123	124	6
Billing Rate	212	175	165	110	125	75
Labor Cost	\$1,272	\$5,950	\$16,500	\$13,530	\$15,500	\$450
Labor Sub-Total						\$53,202
Survey Sub-consultant (Fl. Keys Land Surveying)						\$22,990
Reimbursable (Allowance):						\$1,000
Total						\$77,192



FLORIDA KEYS LAND SURVEYING

19960 OVERSEAS HIGHWAY, SUGARLOAF KEY, FL 33042

PHONE: (305) 394-3690

EMAIL : FKLSemail@gmail.com

www.floridakeyslandsurveying.net

SURVEY WORK ORDER

April 9, 2019

RE: Topographic Survey of 20th Street, Key West, Fl

Stantec

C/O Carlos Herdocia

305-445-2900 ext. 2224

Carlos.herdocia@stantec.com

SCOPE OF WORK: Topographic Survey illustrating the approximate right of ways and the improvements on 20th Street, between Flagler Avenue and 18th Terrace, to be used for design purposes. The project limits are outlined in green on the attached sketch, supplied to FKLS by the client and/or their agent.

- Field locate all improvements, including but not limited to fences, structures, edge of pavement and solid surfaces within the said right of way.
- Field locate all above ground utilities within the said right of way.
- Topographic data at 50 foot cross sections, including elevations 10' feet into private property and at the right of way, top of curb, base of curb, edge of pavement and center of the road.
- Horizontal coordinates will be referenced to grid north, based on the 2011 Adjustment of the North American Datum of 1983 (NAD 83/2011), of the Florida State Plane Coordinate System (Transverse Mercator Projection), East Zone.
- Elevations will be in feet and based on the National Geodetic Vertical Datum of 1929 (NGVD 1929).

1) FIELDWORK – 8 Days of a 1-3 Man Conventional Field Crew @ \$1,680.00 Day = \$13,440.00

2) AUTOCAD DRAFTING – 52 Hours @ \$150.00 Hour = \$7,800.00

3) PROFESIONAL SURVEYOR AND MAPPER – 10 Hours @ \$175.00 Hour = \$1,750.00

TOTAL SURVEY COST & TERMS:

\$22,990.00 due upon completion

TERMS AND CONDITIONS: Full payment is due upon completion. All invoices are to be paid in full upon receipt. All invoices not paid within 30 days shall bear interest at the rate of 18% per annum, one and one-half percent (1.5%) per month of the total outstanding balance due. Should money due under this proposal be collected through an attorney at law or similar collection means, the obligated party shall additionally be responsible for paying all court costs and collection fees.

Accepted By: _____ Date: _____
PRINT NAME SIGNATURE



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