



901 Ponce de Leon Boulevard Suite 900
Coral Gables FL 33134

June 30, 2015

City of Key West
3140 Flagler Avenue
Key West, Florida 33040

Attention: Gary Volenec, P.E.

Reference: Angela Street Improvements

Dear Mr. Volenec,

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 reconstruct Angela Street from the west side of Emma Street to connect to the new development as part of the Truman Waterfront Park (approximately 425 linear feet). Angela Street will be designed as one-way in the north-east direction towards Emma Street. The proposed section will provide a single 11' travel lane, 2' wide curb and gutter or 6" wide type 'D' curb, and a 5' wide sidewalk. The sidewalk and curb will be implemented on the north side avoiding existing utility poles as required. The street segment will be designed in anticipation of a future north extension of Fort Street. Angela Street will need to be elevated to meet the future grade of the Truman Waterfront Park. We will match to the parking lot exit as shown in the 90% plan sheet provided to us dated April 15th 2015. Scope of work also includes drainage modifications/extensions and utility adjustments, striping, signage, and basic limited landscaping.

Scope of Services:

Design and Permitting Phase:

Our scope includes obtaining an updated boundary and topographic survey (see attached proposal), utility investigation including notification letters, developing a geometry layout plan, grading and drainage plan, pavement marking and signage plans, and landscaping plan including tree removals as required. Drainage may include connections to existing drainage, new exfiltration trenches, limited grassed swales, or a combination of all three; no geotechnical/environmental investigation or testing is included. No irrigation or lighting/electrical design is included in our scope. We will coordinate with utility companies (FKAA, City sewer, FKEC, ATT, cable, and gas) for required as-builts as well as to provide them the opportunity to upgrade their facilities if required. A gravity retaining wall will be included where required as the road is elevated to meet the adjacent Truman Waterfront Project. The gravity wall will be per FDOT specifications. 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.

We will also prepare an estimate of probable construction costs, and submit/obtain stormwater permitting through FDEP. We will assist the City with approval through the Historic Architectural Review Commission (HARC). Project Contractor will be required to secure all local building permits. We will also prepare the bid package including general and supplemental conditions (to be provided by City in electronic format), standard specifications, and bid form.



June 30, 2015
Gary Volenec, P.E.
Page 2 of 2

Reference: Angela Street Improvements

Post Design Phase:

General bid assistance, answer contractor's RFIs, provide general project support and coordination, and up to 2 site visits during construction. These services will be provided only to the extent requested by the City.

Terms and Conditions:

All terms and conditions shall be per our Agreement for General Engineering Services (dated 11/7/12) and all fees shall be as follows:

Design & Permitting Phase (Lump Sum)	\$37,211
Post Design Phase (Hourly not to exceed)	\$4,981
Reimbursables and Additional Services (Allowance)	\$5,000
Total:	\$47,192

Permit fees can be paid by Stantec and reimbursed under the allowance phase noted above.

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
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: June 30, 2015

PROJECT: Angela Street Improvements - City of Key West

Design & Permitting Phase Services (Lump Sum):

Task	Principal	Project Manager	Engineer (PE)	Engineer (EI)	Senior Tech	Data Processor
Field review -site conditions		16				
Drawing Setup and Coordination with survey		4		2	4	
Utility investigation & coordination		2	4			2
Geometry and layout	2	6		6	8	
Drainage design and coordination	2	8	8	2	10	
Grading - back of sidewalk harmonization & obstructions		4	2	2	6	
Coordination with Truman Waterfront Park		4	2	2	8	
Plan & Profile Sheets		2	2	2	12	
Construction Sections, Details, Notes, Key Sheet		2	2	6	8	
Pavement marking and signage		2	2	2	4	
Retaining wall		2		4	2	
Landscaping plan and details		2	4	2	6	
Specifications		4	6			4
Quantities & Cost Estimates		2	2	2		
HARC Review & Coordination	4	6	4	2		2
QA/QC	4	2				
Permitting SFWMD		4	6		2	
Prepare Bid Package		4	4			6
Sub-Total Hours	12	76	48	34	70	14
Billing Rate	193.5	146.5	141	102.5	88.5	60.5
Labor Cost	\$2,322	\$11,134	\$6,768	\$3,485	\$6,195	\$847
Labor Sub-Total						\$30,751
Survey Sub-consultant (Fl. Keys Land Surveying)						\$6,460
Total						\$37,211

Post Design Services (Hourly not to Exceed):

Task	Principal	Project Manager	Engineer (PE)	Engineer (EI)	Senior Tech	Data Processor
Bid assistance		8				
RFIs and Coordination		4				
General Support		6				
Site visit		16				
Sub-Total Hours	0	34	0	0	0	0
Billing Rate	193.5	146.5	141	102.5	88.5	60.5
Labor Cost	\$0	\$4,981	\$0	\$0	\$0	\$0
Labor Sub-Total						\$4,981
Total						\$4,981

Reimbursable (Allowance): \$ 5,000

Grand Total: \$47,192



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

June 30, 2015

RE: Topographic Survey of Angela Street, between Emma Street and the New Truman Waterfront, Key West, FL

Stantec

C/O Sean Compel

305-445-2900 ext. 2230 - Sean.compel@stantec.com

SCOPE OF WORK: Topographic Survey illustrating the approximate right of ways and the improvements on Angela Street, between Emma Street and the New Truman Waterfront, to be used for design puposes.

1) FIELDWORK - 2 Days of a 1-3 Man Total Station Field Crew @ 1,680.00 Day = \$3,360.00

- Field locate all improvements, including but not limited to fences, structures, edge of pavement and solid surfaces within the said right of way and within a five foot +/- proximity of the said right of way.
- Field locate all above ground utilities within the said right of way.
- Field locate all below ground utilities within the said right of way. **All below ground utilities to be marked in the field by the client or their agent prior to FKLS commencing the field work.
- The client and or their agent is to make arrangements and provide access to Keys Energy fenced areas as deemed necessary by FKLS.
- Topographic data at high and low points at a minimum of 25 foot cross sections.
- 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).

2) AUTOCAD DRAFTING – 16 Hours @ \$150.00 Hour = \$2400.00

- Calculate and draft all field data into a deliverable Survey.

3) PROFESIONAL SURVEYOR AND MAPPER – 4 Hours @ \$175.00 HOUR = \$700.00

- Review and Certification of Deliverables.

TOTAL SURVEY COST & TERMS:

\$6,460.00 due upon completion

Accepted By: _____ Date: _____

PRINT NAME

SIGNATURE