



Stantec

901 Ponce de Leon Boulevard Suite 900
Coral Gables FL 33134

April 12, 2018

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

Attention: James Bouquet, P.E.

Reference: Angela Street Improvements from Emma St to Thomas St (500 LF)

Dear Mr. Bouquet,

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 add a new sidewalk, mill and resurface Angela Street from Emma Street to Thomas Street (approximately 500 linear feet). Angela Street is a one-way in the north-east direction towards Thomas Street. The proposed section will provide a single 10'-11' travel lane, 7' wide parking 2' wide curb and gutter and a 4' wide sidewalk. The sidewalk and curb will be implemented on the north side avoiding existing utility poles as required. Scope of work also includes striping and signage.

Scope of Services:

Design and Survey Phase:

Our scope includes obtaining an updated boundary and topographic survey to use in our design (see attached proposal), Typical section will be as follows: 4-foot-wide sidewalk, type F curb and gutter (if possible), 11-foot travel lane and 7-foot parking. Curb will be placed around existing utility poles on the north side. Existing asphalt will be milled 1 inch and resurfaced/restriped. New ADA ramps will be required on both corners of Angela and Thomas. No new drainage will be provided; some swales may be added on the south side of the road. Existing dirt swales on the south side will be replaced with 57 rock or similar. Impervious areas on the southside will remain. Stantec will develop a geometry layout plan, grading plan, pavement marking and signage 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.

Post Design Phase:

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



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James Bouquet, P.E.
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Reference: Angela Street Improvements

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:

Design and Survey Phase (Lump Sum)	\$22,571
Reimbursables and Additional Services (Allowance)	\$1,000
Total:	\$23,571

EXCLUSIONS

Scope of services does not include the following items:

- Geotechnical and Environmental services.
- Lighting and Irrigation plans.
- Landscaping plans.
- Utilities coordination.
- 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 12, 2018

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	16		
Drawing Setup and Coordination with survey		2		2	4	
Geometry and layout	1		4	6	8	
Grading - back of sidewalk harmonization & obstructions		2	4	2	6	
Construction Sections, Details, Notes, Key Sheet		2	2	6	8	
Pavement marking and signage		1	1	2	4	
Landscaping plan and details						
Specifications		2	5			4
Quantities & Cost Estimates		2	2	2		
QA/QC	2	4				
Sub-Total Hours	3	15	34	36	30	4
Billing Rate	212	175	165	110	125	75
Labor Cost	\$636	\$2,625	\$5,610	\$3,960	\$3,750	\$300
Labor Sub-Total						\$16,881
Survey Sub-consultant (Fl. Keys Land Surveying)						\$5,690
Reimbursable (Allowance):						\$1,000
Total						\$23,571



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 12, 2018 (Revising Proposal Dated 4/5/18)

RE: Topographic Survey of Angela Street, between Emma Street and Thomas 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 Angela Street, between Emma Street and Thomas Street, to be used for design purposes. See attached sketch, supplied to FKLS by the client and/or their agent, outlining the project location in red.

- 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 at the right of way, swale, 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 – 1 Day – 6 Hours of a 1-3 Man Conventional Field Crew @ \$1,680.00 Day = \$2940.00

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

3) PROFESIONAL SURVEYOR AND MAPPER – 2 HOUR @ \$175.00 Hour = \$350.00

TOTAL SURVEY COST & TERMS:

\$5,690.00 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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