

RESOLUTION NO. 2015 - 036

A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF SOUTHWEST RANCHES, FLORIDA APPROVING WORK PROPOSALS WITH CRAIG A. SMITH AND ASSOCIATES FOR ENGINEERING SERVICES AND CRAVEN THOMPSON FOR SURVEYING SERVICES FOR THE SW 190TH AVENUE EXTENSION ROADWAY IMPROVEMENTS; AUTHORIZING THE TOWN ADMINISTRATOR TO EXECUTE THE PURCHASE ORDER; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the State of Florida Fiscal Year 2014-15 General Appropriations Act provided the Town with an appropriation of \$243,000 in the Economic Development Transportation Projects for the 190th Extension from SW 49th Street to Griffin Road; and

WHEREAS, the Town, pursuant to Resolution No. 2015-018, has entered into an agreement with the Department of Transportation to accept the funds; and

WHEREAS, the Town is prepared to complete the Project at an estimated total cost of \$267,300; and

WHEREAS, these improvements are required to be completed by December 31, 2016; and

WHEREAS, engineering and surveying services are needed to complete the construction; and

WHEREAS, on June 20, 2014, the Town advertised a Request for Letters of Interest (RLI #14-007) for a continuing contract for professional engineering services; and

WHEREAS, pursuant to Resolution No. 2015-005 the Town approved a continuing contract for engineering services with Craig A. Smith and Associates, Inc.; and

WHEREAS, on December 18, 2013, the Town advertised a Request for Letters of Interest (RLI #13-010) for a continuing contract for professional surveying services; and

WHEREAS, pursuant to Resolution 2014-056 the Town approved a continuing contract for surveying services with Craven Thompson and Associates, Inc.; and

WHEREAS, the Town Council believes that the approval of these two work proposals to complete the extension of 190th Avenue is in the best interest of the health, safety, and welfare of its residents.

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Southwest Ranches, Florida:

Section 1: Recitals. The recitals above are true and correct and are incorporated herein by reference.

Section 2: Authorization. The Town Council hereby approves the two work proposals for the improvements in substantially the same form as that attached hereto as Exhibit "A" and "B".

Section 3: Approval. The Town Council hereby authorizes the Town Administrator to execute the two work proposals in substantially the same form as that attached hereto as Exhibit "A" and "B" and to make such modifications, additions and/or deletions which they deem necessary to effectuate the intent of this Resolution.

Section 4: Effective Date. This Resolution shall become effective immediately upon its adoption.

PASSED AND ADOPTED by the Town Council of the Town of Southwest Ranches, Florida, this 26th day of March, 2015, on a motion by C/m M. Hefley and seconded by C/m Jabloni.

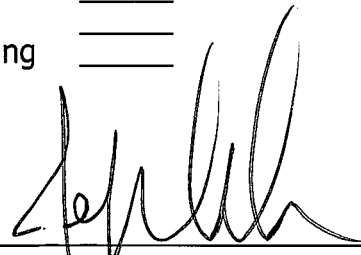
[Signatures on Following Page]

Nelson
Fisikelli
Breitkreuz
Jablonski
McKay

Ayes
5
Nays
0
Absent
0
Abstaining
0

Ayes
Nays
Absent
Abstaining

5
0
0
0



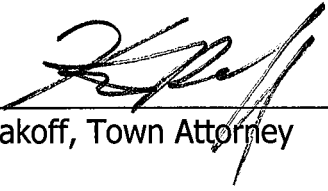
Jeff Nelson, Mayor

Attest:



Russell Muniz, Assistant Town Administrator/Town Clerk

Approved as to Form and Correctness:



Keith Poliakoff, Town Attorney

Exhibit A:
Craig A. Smith and Associates, Inc.

Exhibit B:
Craven Thompson and Associates, Inc.

112325139.1



CRAIG A. SMITH & ASSOCIATES

7777 Glades Road • Suite 410 • Boca Raton, Florida 33434

CONSULTING ENGINEERS • SURVEYORS • UTILITY LOCATORS • GRANT SPECIALISTS

W W W . C R A I G A S M I T H . C O M

March 2, 2015 REV (January 20, 2015)

Mr. Clete Saunier, P.E.
Public Works Director & Town Engineer
13400 Griffin Road
Southwest Ranches, FL 33330

**RE: TOWN OF SOUTHWEST RANCHES
SW 190th AVENUE (GRIFFIN ROAD TO SW 49th STREET)
ENGINEERING PROPOSAL
CAS PROPOSAL #3220**

Dear Mr. Saunier,

Pursuant to the Town of Southwest Ranches request, we are providing a proposal to prepare construction plans, specifications, and bid documents for improvements to SW 190th Avenue from the Griffin Road south to SW 49th Street for approximately 1100 lf.

It is our understanding that the Town desires to improve the existing asphalt on SW 190th Avenue and construct new pavement to extend the road to existing SW 49th Street. Improvements to the existing pavement may consist of milling & resurfacing, leveling & overlay or reconstruction. We propose to perform a geotechnical engineering investigation of the existing road to determine a suitable solution. The roadway will be extended from the southern terminus approximately 250 lf south and connect to SW 49th Street. CAS will provide guidelines for survey requirements & scope. Surveying services and Construction Engineering Inspection services will be performed by others under separate contract directly with the Town. CAS will provide final Certification of Completion upon receipt of an acceptable letter of certification from the CEI consultant.

CAS will review existing wetland reports provided by the Town and will minimize the impact to the parallel ditch/wetland in the Fishing Hole Park to the east by maintaining the alignment of the existing roadway, through the extension to SW 49th Street, resulting in an offset, four way stop intersection. If necessary, the Town will provide mitigation area in the Fishing Hole wetland area to mitigate possible impact due to the roadway improvements. Provide the Town with the necessary plans, permits, specifications & bid documents for construction. This proposal will include a preliminary design phase that will include geotechnical engineering services to determine the minimum pavement design that will provide the appropriate rehabilitation and resurfacing solutions for the project. Preliminary plans will be prepared for review and approval by the Town. This proposal references the following document provided by the Town of Southwest Ranches:

**EXHIBIT "A"
FDOT ECONOMIC DEVELOPMENT TRANSPORTATION PROJECT FUND
FINANCIAL PROJECT ID NUMBER: FM436037-1-58-01
SW 190th AVENUE EXTENSION**

SUGGESTED SURVEY GUIDELINES

1. Locate roadway, both horizontally & vertically, from Griffin Road south to approximately 100 lf south of 49th Street.
2. Obtain cross sections every 100 lf. Extend beyond R/W or roadway easement to include ditch, adjacent wetland strip, drainage features and any grade point points affected by proposed road construction. 25ft beyond R/W minimum.
3. Obtain survey data at all driveways a sufficient distance to define grade breaks.
4. Locate and define wetland areas, trees and plants that require protection or mitigation.
5. Locate all below and above ground utilities, rims, inverts, pipe size, materials etc.
6. Define the existing and proposed roadway R/W and roadway easement.
7. Provide base sheets in Civil 3D 2014 format.
8. Coordinate with CAS Locates personnel to obtain and record existing utility information.

TASK DESCRIPTION FEE

SUB01 GEOTECHNICAL ENGINEERING

- Initial site visit to layout coring/boring locations and coordinate underground utility locating.
- Perform asphalt cores at three locations to sample the asphalt layer and underlying base material.
- Perform borings to depths of up to 10 ft at the cored locations and in the path of the proposed roadway to determine the nature of the subgrade soils and depth to the water table.
- Patch core locations
- Prepare report of findings

\$2,860.00

E74 SUBSURFACE UTILITY LOCATES

- **Coordination with One Call**
Contact One Call (811) to coordinate and request information pertaining to known facilities adjacent to and within the project limits. Maintain Design and Locate tickets and prepare record sketches of surface markings and facility information
- **Utility Surface Designation & Mapping**
Perform Surface Designating using electromagnetic and 2D GPR methods of existing facilities within the project limits. May include Facility Owner interfacing to determine pertinent data regarding each respective subsurface utility. May research available facility records, atlases and as-built data to approximate size and type of each utility.
- **SoftDigs (Vacuum Potholes)**
Shall perform up to three (3) vacuum potholes throughout project site to verify existing utility information. Pothole data will be utilized for design purposes.
- **Plan & Production**
Shall convert project data into standard format for inclusion with the project survey documentation. The depicted facilities shall be in accordance with ASCE 38/02 Standards and will depict the continuous elevation of the underground facilities as well as their approximate size where practical.

\$2,620.00

E01 PRELIMINARY ENGINEERING

Provide analysis of the geotechnical engineering report, preliminary engineering design, layout of the proposed roadway and a rehabilitation solution that may consist of milling & resurfacing, leveling with overlay, or reconstruction. Coordinate with agencies to determine permit requirements. The Town will coordinate the additional R/W and/or roadway easement requirements with FPL. Provide up to three exhibits using the roadway plans and survey, as requested.

\$6,600.00

E21 ROADWAY CONSTRUCTION PLANS, PERMITS & SPECIFICATIONS

Provide engineering design and construction plans for the extension of SW 190th Avenue from Griffin Road to SW 49th Street for approximately 250 lf and for the rehabilitation of the existing pavement south of Griffin Road (approximately 850 lf) as determined by the results of the previous tasks. Package will include Typical Section, Plan Sheets, Storm Water Pollution Plan details (SWPPP), Signing & Pavement Markings, Miscellaneous Details and Permits (excluding permit fees). Plans shall be prepared in accordance with the Standards & Specifications of the Town of Southwest Ranches, Broward County and Central Broward Drainage District. Will provide a complete set of Contract Documents, Technical Specifications, Bid Schedule and Engineer's Opinion of Cost for bidding purposes. It is assumed that no wetlands will be impacted by design and construction.

\$14,950.00

E15 ENGINEERING SERVICES DURING BIDDING

Assist Town with advertising and solicitations of bids for construction. Respond to Requests for Information (RFI's) during bidding. Attend pre-bid conference and bid opening. Evaluate bids and provide bid tabulation. Provide recommendation to Town, as requested.

HOURLY NTE \$4,320.00

E11 ENGINEERING SERVICES DURING CONSTRUCTION

Provide periodic site visits for issue resolution during construction. Review of applicable shop drawings and RFI's during construction. Provide issue resolution and project closeout. Based upon a two month construction period.

HOURLY NTE \$8,640.00

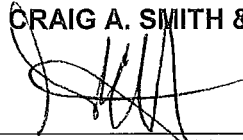
TOTAL LUMP SUM FEE \$27,030.00

HOURLY NTE \$12,960.00

If this proposal is acceptable to the Town of Southwest Ranches, please execute in the space provided and return one executed copy to our office as our notice to proceed. We appreciate your business and thank you for this opportunity.

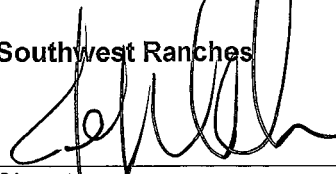
AGREED TO AND ACCEPTED BY:

CRAIG A. SMITH & ASSOCIATES



Stephen C. Smith
Senior Vice President

Southwest Ranches



Signature

Jeff Nelson, Mayor

Printed Name

March 26, 2015

Date

March 12, 2015

e-mail: csaunier@southwestranches.org
eaceti@southwestranches.org

Mr. Clete J. Saunier, P.E.
Public Works Director / Town Engineer
Town of Southwest Ranches
13400 Griffin Road
Southwest Ranches, FL 33330-2628

RE: **TOPOGRAPHIC SURVEY OF SW 190TH AVENUE**
CT&A PROPOSAL NO. 2015-T04.069 REV1

CRAVEN THOMPSON



& ASSOCIATES INC.

Engineers
Planners
Surveyors
Landscape Architects

Dear Clete:

The firm of Craven Thompson & Associates, Inc. is pleased to provide the following revised proposal for professional surveying services, for the above referenced project. Our scope is as follows:

I. **SURVEYING SERVICES**

1.1 **Topographic Survey of SW 190th Avenue** (CT&A Task No. 11050)

Prepare a topographic survey of SW 190th Avenue, from one hundred (150) feet south of SW 49th Street, to the north edge of pavement of Griffin Road, approximately 1,215 linear feet, as defined by the Client. The survey will consist of the existing twenty (20) foot wide of platted right-of-way, and a minimum of thirty (30) feet west, and twenty-five (25) feet east of the existing right-of-way, for locations and topographic elevations. At the intersections of Griffin Road and SW 49th Street, the locations will include up to one hundred (150) feet east and west of the centerline of each intersection. The survey will meet all of the current surveying requirements of the Board of Professional Surveyors and Mappers of the State of Florida, as defined in Chapter 5J-17.050 - .052, Florida Administrative Code.

- The survey will include the finding or establishing of the survey control monumentation for the existing right-of-way, and adjacent properties, in order to tie all improvement to.
- The location of all above-ground visible improvements including pavement, slabs, fences,

3563 N.W. 53rd Street
Fort Lauderdale, FL 33309-6311
(954)739-6400
Fax (954) 739-6409

signs, overhead wires and utility features (manholes, valves, drainage structures, etc.) , within the limits of this survey, as defined.

- The survey crew will field locate all utility lines painted or flagged by the underground utility location contractor, and then coordinate with the contractor to review the locations and designations, and add them to the survey drawings.
- Existing trees three (3) inches in diameter and above, at four (4) feet above ground, will be located and identified with diameter and common name.
- Elevations will be taken on an approximate one hundred (100) foot grid on natural ground, and on all pavement, slabs, and utilities within the site.
- Rims, inverts and pipe sizes will be measured on all sanitary and drainage structures, if accessible and physically unobstructed, otherwise they will be noted on the drawing.
- All elevations will be relative to North American Vertical Datum of 1988 (NAVD88), and based on National Geodetic Survey (NGS), or Florida Department of Transportation (FDOT) benchmarks.
- Two (2) benchmarks will be provided on, or immediately adjacent to, each site for future construction.
- The preparation of the survey drawing will be in AutoCAD Civil 3D, version 2014 or higher, drawing file format, and provided along with hard copy signed and sealed surveys.

Lump Sum:..... 8,000.00

Approximate time of completion: Four (4) to five (5) weeks after receipt of Notice to Proceed (weather permitting).

Scope of Services

The scope of services is limited by the specific terms of this proposal. Except as stated specifically herein, no other service will be provided except as "extra work", subject to the fees hereinafter set forth. The terms hereof shall be construed in favor of the firm and all inferences and implications shall be deemed to be for the benefit of the firm.

In reviewing this proposal for professional services, it should be understood that the above proposal items and their corresponding fees do not necessarily represent the full scope of services required for the project. Rather, it represents our best effort to set forth those services which we believe to be those requested by you, the Client, and/or those we can determine to be needed to accomplish a particular objective. However, we recognize and we ask that the Client recognize that as a project progresses the scope of service as originally defined may change in content to include work not initially identified. Several factors will cause this to happen:

1. Better understanding of the project and the Client's goals as progress on the project is made.
2. Additional requirements identified by the Client.
3. New laws or governmental agency requirements.

As these influences occur and are identified, we will advise you of same and seek your direction as to how you wish to proceed.

Work required as a result of the above will be "extra work" outside of the original scope of services. Upon your direction, we will perform the work under the "Hourly Fee Schedule" section of this proposal or we can provide you with a separate proposal should the scope so indicate.

Hourly Fee Schedule

Principal	\$220/Hour
Principal Engineer	\$180/Hour
Senior Supervising Engineer	\$160/Hour
Principal Surveyor/Landscape Architect/Planner	\$145/Hour
Director of Construction Management	\$135/Hour
Senior Engineer/Senior Landscape Architect.....	\$120/Hour
Landscape Architect/Senior Planner.....	\$115/Hour
Professional Land Surveyor.....	\$110/Hour
Project Engineer/Surveyor/Planner/Biologist/Landscape Designer	\$105/Hour
Senior Field Representative	\$90/Hour
Senior CADD Technician.....	\$80/Hour
Field Representative	\$80/Hour
Clerical	\$65/Hour
Survey Field Crew (2-Man Crew)	\$115/Hour
Survey Field Crew (3-Man Crew)	\$145/Hour
Survey Crew with Laser Scan (3-Man Crew)	\$250/Hour
Expert Witness Testimony	\$275/Hour
Court Appearances	\$300/Hour

Hourly Charges

Hourly work will be billed at our current prevailing rates; however, these are subject to change due to increasing labor and material costs. Hourly work performed outside of normal business hours will be billed at one and a half times the current rates for overtime. No notice of change in prevailing rates shall be required. The firm's normal business hours are from 8:00 a.m. to 5:00 p.m., Monday through Friday.

Lump Sum Fees

The Lump Sum Fees set forth above are applicable for a period of six (6) months from the date of this proposal. If the work on any item to which a lump sum fee shall apply is not commenced within said period, the firm reserves the right to terminate this Agreement as it relates to said item. If the work is initiated but not concluded within said period, regardless of the reason therefore, the balance of the fee due shall be increased at the rate of one percent (1%) per month for each month the work continues until the work is complete. No prior notice of such adjustment shall be required.

Affidavits

When an Affidavit, Surveyor's Report, or separate Surveyor's Certificate is requested, there will be a minimum fee of \$150.00. In addition, all research and calculation time required in the preparation of this affidavit, report or certificate will be charged at our normal hourly rates for the individuals preparing the affidavit.

Ownership of Documents

All documents including, but not limited to, drawings and specifications prepared in connection with the project constitute the work product of the firm and a portion of the instruments of service with respect to the project. Such documents and/or specifications constitute a portion of the integral services provided by the firm and, as such, are not intended or represented to be suitable for reuse by you or others or for extensions of the project or in connection with any other project. The firm specifically disclaims any responsibility and/or liability for or in connection with the reuse of such documents and/or specifications or any use thereof beyond the scope of the Project as set forth herein. By your execution of this proposal, you agree to indemnify and hold the firm harmless from all claims, damages, losses and expenses including, but not limited to, attorney's fees arising out of or resulting from the reuse or extended use of such documents or specifications.

Assignment

It should be expressly understood that this proposal is for the use of the executing Client and is not assignable or assumable by any third party.

LIABILITY

PURSUANT TO F.S. 558.0035, AN INDIVIDUAL EMPLOYEE OR AGENT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

Invoicing and Payment

Work will be invoiced at the end of each month based on a proration of work completed to date, with payment expected upon receipt of the invoice by the Client. Client shall notify firm within ten (10) days of receipt of invoice should invoice be found to be unacceptable. Any invoice for which firm is not so notified shall be deemed to be acceptable for purposes of payment by Client.

If payment is not received within 45 days of the invoice date, Consultant may terminate this agreement or suspend work under the agreement without further notice, and a late charge of one and one-half percent (1-1/2%) per month on outstanding balance shall accrue until delinquent balance is paid. Client agrees to pay all costs of collection, including reasonable Attorney fees, should such action be required.

Client's Responsibilities

1. The Client shall provide full information regarding requirements for the project including a program, which shall set forth the design objectives, constraints and expendability, special equipment and systems and site requirements.
2. The Client shall furnish a Legal Description of the property and the appropriate Title Information.

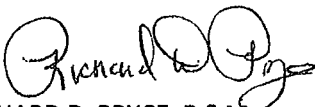
Acceptance

This proposal and fee schedules are based on acceptance within 30 days of the date of preparation. If not accepted by you within that time period, we reserve the right to re-evaluate the terms and conditions contained herein.

If the proposed work and fees contained herein are agreeable with you, please sign the enclosed copy of this letter and return same to our office. Should you have any questions regarding the above, please do not hesitate to call.

Sincerely,

CRAVEN THOMPSON & ASSOCIATES, INC.

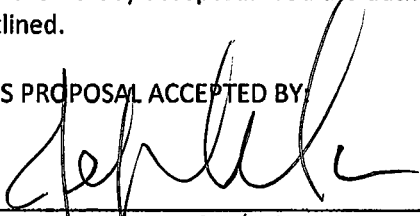


RICHARD D. PRYCE, P.S.M.
Vice President – Surveying & GIS

RDP/wg

ACCEPTANCE OF PROPOSAL: The above fees, terms, conditions, and specifications are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined.

THIS PROPOSAL ACCEPTED BY:



Name & Title Jeff Nelson, Mayor

Town of Southwest Ranches
Firm Name

March 26, 2015
Date

(954) 434-0008
Telephone Number

(954) 434-1490
Facsimile Number