

RESOLUTION NO. 2018 - 033

A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF SOUTHWEST RANCHES, FLORIDA, APPROVING A PURCHASE ORDER IN THE AMOUNT OF SIXTY-FOUR THOUSAND SIXTY-FIVE DOLLARS AND ZERO CENTS (\$64,065.00) WITH ERDMAN ANTHONY OF FLORIDA, INC. FOR ENGINEERING SERVICES FOR PHASE FOUR OF THE TRANSPORTATION SURFACE AND DRAINAGE ONGOING REHABILITATION (TSDOR) ROADWAY IMPROVEMENTS; AUTHORIZING THE EXECUTION OF THE PURCHASE ORDER; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Drainage and Infrastructure Advisory Board (DIAB) and Town Council approved the first four (4) years of the TSDOR plan subject to annual review and amendment for those roads scheduled for construction for five (5) fiscal years and beyond; and

WHEREAS, the group of roads scheduled for FY 2019 construction includes SW 188th Avenue, its side-streets, and SW 61st Court; and

WHEREAS, the group of roads scheduled for FY 2019 construction have been reviewed by the Town's legal staff and have been determined to have no encumbered right-of-way issues; and

WHEREAS, engineering design 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, on November 13, 2014, pursuant to Resolution 2015-005, the Town Council approved three (3) Continuing Contracts for Engineering Services; and

WHEREAS, the Town has Continuing Contracts for Engineering Services with Erdman Anthony of Florida, Inc., Craig A. Smith and Associates, Inc., and Keith and Associates, Inc.; and

WHEREAS, the Town received a proposal from Erdman Anthony of Florida, Inc., for surveying Phase Two of the TSDOR Roadway Improvements in the amount of sixty-four thousand sixty-five dollars (\$64,065); and

WHEREAS, the Town Council believes that the Purchase Order 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 a Purchase Order with Erdman Anthony of Florida, Inc. in the amount of \$64,065.00 for engineering service relating to the FY 2019 TSDOR roadway improvements, in substantially the same form as that attached hereto as Exhibit "A".

Section 3: Approval. The Town Council hereby authorizes the Town Administrator to execute the Purchase Order in substantially the same form as that attached hereto as Exhibit "A" 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 8th day of March, 2018 on a motion by C/m Breitkreuz and seconded by C/m Jablonski.

McKay
Fisikelli
Breitkreuz
Jablonski
Schroeder

Eyes
Eyes
Eyes
Eyes
Eyes

Ayes 5
Nays 0
Absent 0
Abstaining 0

Doug McKay
Doug McKay, Mayor

Attest: Russell Muñiz
Russell Muñiz, Assistant Town Administrator/Town Clerk

Approved as to Form and Correctness:
Keith Poliakoff
Keith Poliakoff, Town Attorney

114750060.1

January 23, 2018

Rod Ley, PE, LEED AP, CPESC.
Town Engineer
Town of Southwest Ranches
13400 Griffin Road
Town of Southwest Ranches, FL 33330
Via email to: rley@southwestranches.org

SUBJECT: Work Order Proposal SW 188th Ave TSDOR Roadway Improvements

Dear Mr. Ley:

Erdman Anthony is pleased to submit this proposal for Professional Engineering Services to the Town of Southwest Ranches (Client), in connection with the subject project.

Project Understanding

Erdman Anthony will prepare roadway plans for **SW 188th Ave (and associated side streets) from south of SW 63rd Street to Griffin Road** in support of the TSDOR Program. (see attached exhibits).

Based on our understanding of the project, Erdman Anthony is pleased to present the following proposed scope of services for your consideration.

Scope of Work and Deliverables

Existing Conditions – *These roadway segments are located in a residential section of Southwest Ranches. The existing streets are generally crowned, draining to swales along the roadsides. Most of the swales have filled in are flush with the roadway. The swales drain to intermittent canals/ditches that connect to the drainage system in the area. The pavement condition has an average rating of “4” as established in the “Streets Condition Assessment Pavement Management Plan” Technical Memorandum dated November 5, 2013 prepared for the Town by King Engineering Associates, Inc.*

Design Concept – *Based on our meeting and a subsequent field review we propose to prepare roadway construction plans and project specifications to:*

- *Clean, patch and resurface existing pavement*
- *Re-grade roadside swales to establish wide, shallow swales with a flat grade.*
- *Retain existing driveways*
- *Re-stripe intersections to match current markings*

The depth of pavement resurfacing is anticipated to be 1” and will be established during design. Due to the low traffic volumes in this neighborhood we believe resurfacing the existing roadway will provide adequate pavement service life. For purposes of establishing the pavement structural value, an existing pavement section consisting of 1” asphaltic concrete over 8” base course with the equivalent subgrade of 12” stabilization will be used in lieu of coring the existing pavement.

Plans Package – We propose to develop a limited set of plans consisting of:

- Key sheet
- Summary of Pay Items
- Typical Sections for each roadway
- General Notes
- Roadway Plan Sheets @ 1"=40' Horizontal (NO profiles)
- Cross Sections @ 200' intervals
- Stormwater Pollution Prevention Plan
- Signing & Pavement Marking Plan (detail sheet for Griffin Road intersection)

Specifications and Bid Documents – Erdman Anthony will reference FDOT specifications so they can be appended to the standard specifications prepared by the Town. We will also provide a bid tabulation form listing the anticipated quantities for each pay item.

Permitting – Erdman Anthony will coordinate with Broward County and prepare any necessary County permit applications. No other permits are anticipated.

Opinions of Probable Cost – Erdman Anthony will provide an opinion of probable cost. Any opinions of cost will be based on standard engineering practice. Erdman Anthony has no control over the pricing in the marketplace and cannot guarantee that Client will obtain those costs at the time of bidding.

Review of Subconsultant Submissions – Erdman Anthony will review subconsultant submissions for completeness with respect to the scope of work, and will complete a cross-check to confirm that there are no inconsistencies in design work completed by different consultants.

Erdman Anthony will also review subconsultant submissions for conformance with their project-specific Quality Work Plan and will randomly spot check subconsultant plans and calculations to endeavor to verify that subconsultant's own Quality Control process is delivering an acceptable quality level.

Deliverables

Deliverables for the project will include:

- Roadway and Pavement Marking Plans Package
- Specification Section
- Bid tabulation form
- Engineer's estimate of probable construction cost
- Broward County Plan Review application (if required by the County)

Assumptions/Clarifications

- Erdman Anthony may rely upon the accuracy and completeness of any information, requirements, reports, data, surveys, and instructions (information) provided by Client unless expressly stated otherwise with respect to such information.
- Erdman Anthony shall use that degree of usual and customary professional skill and care ordinarily exercised by members of its profession under similar circumstances practicing in the same or similar locality at a similar time.

- Erdman Anthony will be promptly paid for services performed.

Items to be provided by the Town of Southwest Ranches

The following items are anticipated to be provided by the Town:

- Field survey and Existing right of way
- Standard and general specification sections
- Bid documents
- Underground utility and drainage data (as available)

Schedule

Erdman Anthony will begin work on the project after receipt of a fully executed agreement. Subject to your review and concurrence, we offer the attached schedule for the completion of the project for your consideration.

Compensation

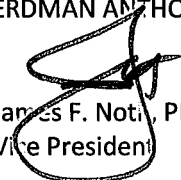
Erdman Anthony proposes to complete the above described scope of services in a combination of fixed fee (lump sum) and hourly tasks per the attached "Estimate of Work Effort and Cost". Hourly rates will be charged in accordance to the rate schedule of our executed agreement for TSDOR design services.

Proposal Acceptance

Thank you for your interest in utilizing Erdman Anthony's services for this project. We would appreciate an opportunity to further discuss any questions you may have with regard to this proposal or our services in general and appreciate your time and consideration in reviewing the proposal.

If you have any questions or require additional information, please contact me at 561.753.9723. We look forward to working with you and continuing our successful relationship.

Sincerely,
ERDMAN ANTHONY


James F. Notis, PE, PSM
Vice President

Attachments: exhibits and fee estimate

K:\Marketing\Wpb\Proposals\SW Ranches\Engineering Svcs Aug 2014\TASK WORK ORDERS\SW188thAVE\scope_SW188thAVE_20180117.docx

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**TRANSPORTATION SURFACE AND DRAINAGE ONGOING REHABILITATION
(TSDOR) CONSTRUCTION PROGRAM SCHEDULE**

East/West of I-75	Street Name		From	To	Full Public R/W (Y/N) (Provided by Town)	Average Rating	Minimum Rating	Maximum Rating	Length (miles)	Resurfacing & Swale Restoration Cost	Fiscal Year	
	Street Name	Street Name										
W	SW 188th Avenue (*2009)	Griffin Road (SR 818)	South dead end.		Y	4	3	5	1.47	\$222,000.00	2018	
W	SW 51st Manor	SW 188th Avenue	E/W Dead ends		Y	4	4	4	0.12	\$16,900.00	2018	
W	SW 54th Place	SW 188th Avenue	E/W Dead ends		Y	4	4	4	0.12	\$17,800.00	2018	
W	SW 57th Court	SW 188th Avenue	E/W Dead ends		Y	4	4	4	0.12	\$18,300.00	2018	
W	Stirling Road	SW 188th Avenue	E/W Dead ends		Y	4	3	4	0.11	\$17,800.00	2018	
W	SW 63rd Street	SW 185th Way	W. of SW 188th Ave		Y	5	4	6	0.25	\$37,700.00	2018	
W	SW 186th Way	SW 61st Court	South Cul-de-sac end.		Y	4	3	5	0.23	\$29,600.00	2018	
W	SW 61st Court	SW 185th Way	SW 186th Way		Y	4	4	4	0.08	\$13,200.00	2018	
TOTALS									2.50	\$373,300.00	2018	
									INFLATION & CONTINGENCY		\$74,700.00	2018
									TOTAL FISCAL YEAR PROJECTS		\$448,000.00	2018

ESTIMATE OF WORK EFFORT AND COST

Name of Project: **TSOR-SW 188th Ave**

from south of SW 63rd Street to Griffin Road

Date: 01/23/2018

James F. Noth, PE, PSM

Staff Classification	Hours From "SH Summary - Firm"	Principal	Expert Witness Testimony	VP/Corp Manager	Senior Project Manager	Project Manager	PE	Senior Project Engineer	Project Engineer	Tech CADD	Admin Assistant	SH By Activity	Salary Cost By Activity	Deliverables	
														Scale	No. of Sheets
Project Meetings	16	8			8							16	\$2,800	n/a	
Roadway Plans	312													n/a	1
Key Sheet					1		4		4	3		4	\$375	n/a	
Summary of Pay Items					2					8		18	\$1,720	n/a	1
Typical Section					4					8		12	\$1,200	n/a	1
General Notes							2		2	8		12	\$1,010	n/a	1
Plan Sheets		12			24		36		48	96		216	\$21,600	1"=40' H	24
Cross Sections @ 200' Intervals							4		4	17		25	\$2,085	n/a	23
Stormwater Pollution Prevention Plan					2		3		3	8		16	\$1,515	n/a	2
Signing & Pavement Marking Plans	16											0	\$0	n/a	
Tabulation of Quantities (Included in Roadway)							2			2		4	\$390	n/a	1
General Notes & Speed Hump Details							2			8		12	\$1,140	1"=40'	1
Plan Sheets (Griffin Road Intersection)					2										
Supervision & QC Review	33	33										33	\$5,600		
TOTAL LUMP SUM FEE DESIGN TASKS												377	\$41,305		
Hourly Based Tasks	160	4			12		16			12		44	\$5,420	n/a	
Permit Submittals		4			12		12					28	\$4,040	n/a	
Utility Coordination		4			8							10	\$1,600	n/a	
Cost Estimates		2			4		12					26	2,880	n/a	
Specifications Package		2			40							52	\$8,400	n/a	
Construction Observation		12										160	\$22,340		
TOTAL HOURLY TASKS	537	77	0	0	120	0	95	0	63	174	8	537	\$63,645.00		56
Total Staff Hours		\$15,400.00	\$0.00	\$0.00	\$18,000.00	\$0.00	\$11,400.00	\$0.00	\$5,355.00	\$13,050.00	\$440.00	\$0.00	\$63,645.00		
Total Staff Cost															

Project Length = 2.5 miles

EXPENSES: Printing \$200
 Permit Fees TBD
 Travel \$220
 Equipment/Supplies \$0
 TOTAL EXPENSES \$420

Subconsultant: \$0.00
 Subconsultant: \$0.00
GRAND TOTAL FEE: \$64,065.00

SALARY RELATED COSTS: (LUMP SUM FEE)
 SALARY RELATED COSTS: (BUDGETED AMOUNT FOR HOURLY TASKS)
 EXPENSES: \$41,305.00
 \$22,340.00
 \$420.00
\$64,065.00

Town of Southwest Ranches
TSDOR Roadway Improvements
Project Schedule - SW 188th Ave

Key Milestones	Start Date	Duration (Calendar	End Date
Kick-off Meeting/NTP	2/12/2018	0	2/12/2018
Prepare Concept Report	2/12/2018	60	4/13/2018
Town Review	4/13/2018	43	5/26/2018
60% Plan & Permit Applications	5/26/2018	45	7/10/2018
Public Outreach & Town Review	7/10/2018	45	8/24/2018
100% Plans and Bid Documents	8/24/2018	21	9/14/2018
Town Review	9/14/2018	14	9/28/2018
Final Plans - Bid Preparation	9/28/2018	7	10/5/2018
Bid Phase	10/5/2018	45	11/19/2018
Bid Evaluation and Award	11/19/2018	60	1/18/2019
Notice to Proceed & Procurement	1/18/2019	30	2/17/2019
Construction Phase	2/17/2019	90	5/18/2019