

RESOLUTION 17-104

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA AUTHORIZING DELIVERY TO BAY COUNTY AN AMOUNT NOT TO EXCEED \$30,000 FOR SURVEYING SERVICES FROM SOUTHEASTERN SURVEYING RELATED TO THE RELOCATION OF THE CITY'S WATER AND SEWER UTILITIES ON THOMAS DRIVE.

BE IT RESOLVED that the appropriate officers of the City are authorized to deliver to Bay County on behalf of the City an amount not to exceed Thirty Thousand Dollars (\$30,000), for surveying services related to the relocation of the City's water and sewer utilities on Thomas Drive, as such services are contemplated in that certain Task Order and Scope of Services between the County and Southeastern Surveying, in substantially the form attached and presented to the Council today, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED in regular session this 13th day of July, 2017.

CITY OF PANAMA CITY BEACH

By: 
Mike Thomas, Mayor

ATTEST:


Diane Floyd, City Clerk



CITY OF PANAMA CITY BEACH AGENDA ITEM SUMMARY

1. DEPARTMENT MAKING REQUEST/NAME:

Utilities Department - Al Shortt, Utilities Director

2. MEETING DATE:

July 13, 2017

3. REQUESTED MOTION/ACTION:

Approve the payment of a not to exceed \$30,000 to Bay County for surveying services as part of the expected City water and sewer system relocation/improvements that will be required on Thomas Drive.

4. AGENDA

PRESENTATION
PUBLIC HEARING
CONSENT
REGULAR

5. IS THIS ITEM BUDGETED (IF APPLICABLE)? YES NO N/A
BUDGET AMENDMENT OR N/A

DETAILED BUDGET AMENDMENT ATTACHED YES NO N/A

6. BACKGROUND: (WHY IS THE ACTION NECESSARY, WHAT GOAL WILL BE ACHIEVED)

Bay County has notified the City that it plans to make improvements to an approximately 3.1 mile section of Thomas Drive. Portions of the City water and sewer utilities that interfere with the planned County roadway improvements will need to be relocated. The exact scope and cost of those relocations is not defined yet, but could exceed \$1,000,000 given the size of the project. The City typically would have detailed professional surveys performed to accurately locate its utilities in order to perform the necessary design and produce plans for bidding and construction. Bay County is currently having a survey performed for its needs and approached the City to consider partnering on the effort. The County survey will also gather the data needed related to the water and sewer system. Having a single survey performed provides economy of scale and a shared database for both entities to use for design. The total County expenditure will be \$99,904 and Bay County has asked the City to contribute a not-to-exceed \$30,000 towards the effort. Staff has reviewed the attached Bay County Task Order No. PS-6-20 and finds the amount requested for the water/sewer utility survey effort to be fair and reasonable based on the size and scope of the survey. Staff recommends Council approval of the payment.

WHY - To allow the City Manager to deliver the payment of not-to-exceed \$30,000 to Bay County for surveying services on a 3.1 mile segment of Thomas Drive.

WHAT - The acquisition of needed survey information to allow for the design of and plan preparation of required utility relocations.



PUBLIC WORKS DEPARTMENT
Engineering Division
840 W. 11th Street
Panama City, Florida 32401
(850) 248-8301

TASK ORDER NO.: PS 16-20

Thomas Drive Pedestrian Facilities Phase VI

Notice to Proceed

You are hereby notified to commence WORK in accordance with this NOTICE TO PROCEED dated June 15, 2017 and you are to complete the work within 60 consecutive calendar days thereafter. The date of completion of all WORK is therefore, on or before August 14, 2017.

Section I. BACKGROUND

Location --Thomas Drive from Joan Avenue to Bristol Street (approx. 3.13 miles) Sections 6,7,8,9 and 16, Township 4 South, Range 15 West, Bay County, Florida

Section II. SCOPE OF SERVICES

Provide a Utility location and Control Survey in accordance with Chapter 5J-17 F.A.C. to include the following:

1. Establish the Horizontal Control in Florida State Plane Coordinates (Florida North Zone) adjusted to 2011 standards. This will be done using GPS Static, RTK, and/or Conventional Methods.
2. Establish the Vertical Control in NAVD 88 Datum. This will be done using a closed level Network and based on a minimum of 3 Existing Control Stations.
3. Control stations established will be a 4"X4" concrete monument and Disk stamped with the point naming and designated as Bay County Control with a carsonite post for easy identification.
4. Each established control station will be set at no greater than 1000 foot intervals outside the existing Right of Way and will be intervisible. Control will be shown on final drawings.
5. Establish the centerline alignment based on the existing maps provided and authored by Baskerville Donovan, Inc. project number 401084 dated 12/31/1990. Alignment will be shown on final drawings and staked in the field at all primary control points and at 100 foot stations. References to this alignment will be at primary positions only.
6. Using the same existing maps, data research from FDOT, and found existing Right of way control Corners establish the existing Right of way to be shown on final drawings.
7. Find or set monumented Right of way at intersecting street block corner once final position has been determined.
8. Provide Level "A" Utility Location to consist of the following task.
9. Call in Utility SSOCOF design ticket to identify existing utility owners within the project corridor and coordinate with each to obtain records and support in identifying all existing facilities.
10. Provide GPR and Electromagnetic Utility designation (Paint and Flag) of all existing utilities within the Right of way corridor to support mapping and SUE test hole matrix (anticipated 165,264 Linear Feet of Utilities).

PUBLIC WORKS DEPARTMENT
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11. Estimated at 160 SUE Test Hole perform soft and hard surface exploration to determine horizontal and vertical location of each facility. Included will be size, type and owner where verification can be done by visible or provided verification.
12. Locate and detail all closed circuit structures for storm and sewer to include size, type, invert, and condition.
13. Provide hard surface repair and replace for each SUE Test Hole Performed (estimated at 30).
14. Provide advanced M.O.T. for traffic diversions/temporary lane closure as needed (estimated at 10).
15. Provide constant coordination on project work flow with Bay County personnel for the duration of the project.
16. Provide supervision of all activities by SSMC Management and Supervisors for the duration of the project.

Section III DELIVERABLES

The final product will be Auto Cad electronic files in the version of choice along with hard copies signed and sealed.

Section IV. SCHEDULE

Survey shall be delivered to the County Surveyor (Robert Zierden) by 8/14/17.

Section V. METHOD OF COMPENSATION

Per proposal in accordance with 16-18 Civil Engineering Services – Continuing Service Agreement in the amount of \$99,904.00

Bay County Contact
Josee Cyr, P.E., Engineering Division Manager
(850)248-8308
jcyr@baycountyfl.gov

Attachment (1)

1. Southeastern Surveying proposal submitted May 19, 2017

Southeastern Surveying

Bay County Board of Commissioners


Authorized Representative


Josee Cyr, P.E., Engineering Division Manager

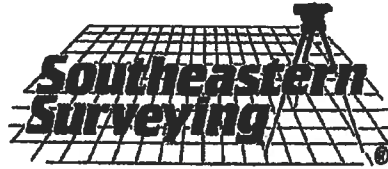
Date

JUNE 15, 2017

Date

JUNE 15, 2017

Steven L. Anderson, Jr., PSM, PLS
 Charles M. Arnett, PSM
 Michael D. Brown, PSM
 Michael L. Dougherty, PSM
 James M. Dunn, II, PSM
 Thomas F. Ferguson, PSM
 Ronnie A. Figueroa, PSM, GISP
 Tate B. Flowers, PLS
 Robert W. Gardner, PSM
 Brian R. Garvey, PE, GISP
 Daniel J. Henry, PSM, PLS
 Gary B. Krick, PSM
 Brad J. Lashley, PSM, PLS
 Myron F. Lucas, PSM
 James E. Mazurak, PSM
 Thomas K. Mead, PSM, PLS
 Timothy O. Mosby, PSM
 James L. Petarsen, PSM



Southeastern Surveying and Mapping Corporation
Serving the Southeast Since 1972
www.southeasternsurveying.com
info@southeasternsurveying.com

William C. Rowe, PSM
 Tony G. Syfrett, PSM, PLS
 John S. Thomas, PSM
 Edward W. Wackerman, PSM
 Thomas P. Young, Jr., PSM, GISP
 Kirk R. Hall, EI, GISP
 Brad A. Stoppel, EI, GISP
 Cheryl A. Isenberg, GISP
 Brian E. Latchaw, GISP
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 David M. Rantrow, CST IV
 Steve D. Smith, CST IV
 Celeste B. van Gelder, CST IV

Land Surveying & Mapping Services • Sub-Surface Utility Designation & Location Services • Geographic Information Systems • GPS Asset Inventories

May 19, 2017

VIA EMAIL: rzierden@baycountyfl.gov

Mr. Robert Zierden, PLS
 County Surveyor
 Bay County BOCC\Engineering
 840 W.11th Street
 Panama City, FL 32401

RE: Thomas Drive Utility location and Control Survey
Thomas Drive from Joan Ave to Bristol Street (Approx. 3.13 Miles)
Sections 6, 7, 8, 9, & 16, Township 4 South, Range 15 West, Bay County, Florida

Dear Mr. Zierden,

We are pleased to submit our proposal for Surveying Services on the above referenced project.

SCOPE OF WORK:

Provide a Utility location and Control Survey in accordance with Chapter 5J-17 F.A.C. to include the following:

1. Establish the Horizontal Control in Florida State Plane Coordinates (Florida North Zone) adjusted to 2011 standards. This will be done using GPS Static, RTK, and/or Conventional Methods.
2. Establish the Vertical Control in NAVD 88 Datum. This will be done using a closed level Network and based on a minimum of 3 Existing Control Stations.
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8600 All American Blvd Orlando, FL 32010 407.292.8580 407.292.0141 Fax	1130 Highway 90 Chipley, FL 32428 850.638.0790 850.638.8089 Fax	Lakeside Executive Center 8641 Bayline Road Suite 6 Jacksonville, FL 32256 904.737.8890 904.737.8895 Fax	119 West Main Street Tavares, FL 32778 352.343.4880 352.343.4814 Fax	10 East Lake Street Kissimmee, FL 34744 407.844.4880 407.844.0424 Fax	University Corporate Park 10770 North 46th Street Suite C-300 Tampa, FL 33617 813.888.2711 813.888.2712 Fax
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Licenses: PSM: Florida Professional Surveyor & Mapper • PLS: Alabama Professional Land Surveyor • PE: Professional Engineer
 Certifications: EI: Engineering Intern • GISP: Geographic Information Systems Professional • CST: Certified Survey Technician

Mr. Mr. Robert Zierden, PLS
Thomas Drive Utility location and Control Survey
May 19, 2017

6. Using the same existing maps, data research from FDOT, and Found existing Right of way control Corners establish the existing Right of way to be shown on final drawings.
7. Find or set monumented Right of way at intersecting street block corner once final position has been determined.
8. Provide Level "A" Utility Location to consist of the following task.
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10. Provide GPR and Electromagnetic Utility designation (Paint and Flag) of all existing utilities within the Right of way corridor to support mapping and SUE test hole matrix (anticipated 165,264 Linear Feet of Utilities).
11. Estimated at 160 SUE Test Holes perform soft and hard surface explorations to determine horizontal and vertical location of each facility. Included will be size, type, and owner where verification can be done by visible or provided verification.
12. Locate and detail all closed circuit structures for storm and sewer to include size, type, invert, & condition.
13. Provide hard surface repair and replace for each SUE Test Hole Performed (estimated at 30).
14. Provide advanced M.O.T for traffic diversions\temporary lane closure as needed (estimated at 10).
15. Provide constant coordination on project work flow with Bay County personnel for the duration of the project.
16. Provide supervision of all activities by SSMC Management and Supervisors for the duration of the project.

The final product will be Auto Cad electronic files in the version of choice along with hard copies signed and sealed.

Our fee for the above referenced work will be:

Establish Control Line items 1-4 (Estimated at 17 Total)

2 man Field Team:	51 Hours	@	\$126.00	\$6,426.00
Senior Technician	8 Hours	@	\$94.00	\$ 752.00
Surveyor and Mapper	4 Hours	@	\$126.00	\$ 504.00
Total:				\$7,682.00



Mr. Mr. Robert Zierden, PLS
Thomas Drive Utility location and Control Survey
May 19, 2017

Establish Alignment and Right of way line Items 5-7 Approx. 3.13 miles of Roadway

3 Man Field Team	56 Hours	@	\$159.00	\$ 8,904.00
2 Man Field Team	120 Hours	@	\$126.00	\$15,120.00
Senior Technician	16 Hours	@	\$ 94.00	\$ 1,504.00
Surveyor and Mapper	8 Hours	@	\$126.00	\$ 1,008.00
Total:				\$25,536.00

Utility Designation: to support SUE Test Hole Explorations (Tasks 9 & 10) based on 165,264 Linear Feet
Designation at 5,000 feet daily 330 Hours @ \$83.00/hr. \$27,390.00
Task performed with 1 man field team

SUE/Test Holes: Estimate 160 Holes (Tasks 11-14)

Soft Surface (Dirt) Estimate 130 at 10 per day at 130 hours @ \$126.00/hr.	\$16,380.00
Task Performed with 2 man field team	
Hard Surface (Asphalt or Concrete) Estimated at 30 total at 5 per day 60 hours @ \$126.00/hr.	\$ 7,560.00
Repair and Replace the Hard Surface at 2 hour each at 30 Sites	
Detail Closed Circuit Structures Storm and Sewer Estimate 100	\$ 7,056.00
Based on 15 per day @ \$126.00/hr. = 2 Man Field Team 56 Hours @ \$126.00	
Provide M.O.T. Estimated at 10	
Total:	\$30,996.00

Drafting, Processing, Prepare Final Deliverable 100 Hours at \$83.00/per hour \$ 8,300.00

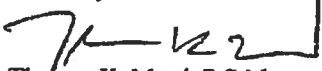
Grand Total (less options below): \$99,904.00

We anticipate completion of the above described work within eight (8) weeks after receipt of a written notice to proceed.

Payment is expected within thirty (30) days from date of invoice. We accept VISA and MasterCard for your payment convenience.

We look forward to the opportunity to work with you on this project.

Sincerely,



Thomas K. Mead, P.S.M.
Vice President/Project Manager

If the above scope, period of service and method of compensation meets with your approval, please execute below and email/fax to SSMC as notice to proceed along with the notice of commencement.

If your firm prefers using your own standard PROFESSIONAL SERVICES AGREEMENT in lieu of this proposal letter, this document MUST BE furnished to SSMC, negotiated, and executed prior to the commencement of any service.



Page 4

Mr. Mr. Robert Zierden, PLS
Thomas Drive Utility location and Control Survey
May 19, 2017

Send all Agreements to:

Orlando Corporate Office
6500 All American Boulevard
Orlando, FL 32810.
Fax: 407-292-0141
Email: info@southeasternsurveying.com

Your firm agrees that by (1) signing and returning this Proposal, or (2) partial or complete performance under this Proposal and SSMC has not received, negotiated and/or executed a PROFESSIONAL SERVICES AGREEMENT, then it is agreed that THE TERMS AND CONDITIONS IN THIS PROPOSAL SHALL GOVERN THE SERVICES RENDERED.

Furthermore, if requested, your firm acknowledges that by accepting this Proposal, SSMC will provide your firm with an insurance certificate that (1) contains the project name and (2) lists your firm as the certificate holder.

The person executing this document must indicate that he/she is a Principal and/or Corporate Officer.

If the signatory is not a Principal and/or Corporate Officer, a Letter of Authorization on company letterhead signed by a Principal and/or Corporate Officer, MUST be provided that specifically states that signatory has the authority to bind the parties by entering into this agreement.

ACCEPTED BY:

Principal / or Corporate Officer	TITLE	Printed Name	Date
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