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RESOLUTION NO. 08-40

A RESOLUTION OF THE MAYOR AND VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, RELATING TO DRAINAGE IMPROVEMENT PROJECTS AT SW 92ND COURT FROM 178TH STREET TO 176TH STREET, SW 178TH STREET FROM SW 93RD AVENUE TO SW 92ND AVENUE, SW 180TH STREET FROM SW 94TH AVENUE TO SW 94TH COURT, AND SW 141ST TERRACE FROM SW 80TH AVENUE TO SW 78TH COURT WITHIN THE VILLAGE OF PALMETTO BAY; AUTHORIZING THE VILLAGE MANAGER TO ENTER INTO CONTRACT WITH CORZO CASTELLA CARBALLO THOMPSON SALMAN, P.A. (C3TS) TO PROVIDE ENGINEERING SERVICES FOR DESIGN, PERMITTING, BIDDING, AND CONSTRUCTION MANAGEMENT OF DRAINAGE IMPROVEMENTS, AND TO APPROVE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED \$36,000.00; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the drainage systems at SW 92nd Court from 178th Street to 176th Street, SW 178th Street from SW 93rd Avenue to SW 92nd Avenue, SW 180th Street from SW 94th Avenue to SW 94th Court, and SW 141st Terrace from SW 80th Avenue to SW 78th Court consist of closed systems with small isolated drainage facilities, and several small exfiltration systems at low points in the roadway; and,

WHEREAS, Corzo Castella Carballo Thompson Salman, P.A. (C3TS) evaluated drainage improvements in localized areas with no history of flooding and according to data collection and field evaluations C3TS recommends implementing drainage improvements to reduce localized flooding during severe storm events; and,

WHEREAS, the drainage improvements recommended consist of new drainage exfiltration trenches sized to handle stormwater runoff from a five year storm, interconnected spot drains, and canal outfall upgrade where needed; and,

WHEREAS, the Administration desires to select C3TS to provide planning and consultation services to the Village for the design, permitting, bidding, and construction support for drainage improvements at SW 92nd Court from 178th Street to 176th Street, SW 178th Street from SW 93rd Avenue to SW 92nd Avenue, SW 180th Street from SW 94th Avenue to SW 94th Court, and SW 141st Terrace from SW 80th Avenue to SW 78th Court in accordance with the established guidelines and procedures utilized by Miami- Dade County Public Works Department, Florida Department of Transportation and the Department of Environmental Resource Management; and,

WHEREAS, Corzo Castella Carballo Thompson Salman, P.A. (C3TS) shall provide planning and consultation services to the Village for the design, permitting, bidding, and construction of drainage improvements in several localized areas subject to localized roadway flooding; and,


1 **NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND VILLAGE**
2 **COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, AS FOLLOWS:**
3


4 Section 1: The Village Manager is authorized to contract Corzo Castella Carballo Thompson
5 Salman, P.A. (C3TS) and approve expenditure of funds in an amount not to exceed \$36,000 for the
6 design, permitting, bidding, and construction of drainage improvements in several localized areas
7 subject to localized roadway flooding.
8

9 Section 2: This resolution shall take effect immediately upon approval.
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12 **PASSED and ADOPTED** this 6th day of May, 2008.
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16 ATTEST:

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18 Meighan Rader
19 Village Clerk

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21 Eugene P. Flinn Jr.
22 Mayor

23
24 **READ AND APPROVED AS TO FORM:**
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26 
27 Eve Boutsis
28 Village Attorney
29
30

31 **FINAL VOTE AT ADOPTION:**
32

33 Council Member Ed Feller YES
34
35 Council Member Paul Neidhart YES
36
37 Council Member Shelley Stanczyk YES
38
39 Vice-Mayor Linda Robinson YES
40
41 Mayor Eugene P. Flinn Jr. YES
42



CORZO
CASTELLA
CARBALLO
THOMPSON
SALMAN

Engineers
Architects
Planners

WORK ORDER FOR PROFESSIONAL SERVICES

TO: Village of Palmetto Bay
8950 SW 152nd Street
Palmetto Bay, Florida 33157

Date: 4/22/08
File: 1632-00

ATTENTION: Corrice Patterson
Public Works Director

PROJECTS NAME: **Site #1**
SW 92nd Court Drainage Improvements (from 178th St to 176th St)
SW 178th Street (from SW 93rd Ave to SW 92nd Ave)
Section 33 (T:55 R:40)

Site #2
SW 180th Street & SW 94th Avenue Drainage Improvements
Section 33 (T:55 R:40)

Site #3
SW 141st Terrace Drainage Improvements
(from SW 80th Avenue up to and including SW 78th Court)
Section 22 (T:55 R:40)

EB0005022
AAC002142

SCOPE OF PROJECT:

Site #1
SW 92nd Court (from 178th St to 176th St)
SW 178th Street (from SW 93rd Ave to SW 92nd Ave)

This roadway drainage basin is a closed system with one small isolated drainage facility. The roadway longitudinal profile appears to slope almost entirely to the driveways of house numbers 17710 & 17711. One small catch basin in each driveway is connected with concrete pipe and the catch basin on the west includes a south invert. The roadway reportedly floods during heavy rainfall events and stormwater run-off flows into house number 17710. The roadway is in need of a new drainage exfiltration trench system. This new system should be sized to handle the basin runoff from a 5-yr storm.

Site #2
SW 180th Street & SW 94th Avenue

This roadway drainage basin is a closed system with only small isolated drainage facilities. The roadway longitudinal profile appears to slope almost entirely to the swale in front of house number 9440. One small catch basin exists partially under the sidewalk. The properties on the north side of SW 180th Street all slope sharply to the street and eventually to the south swale. A new home is also under construction, adding impervious area to the basin. The roadway reportedly floods heavily during heavy rainfall events. The roadway is clearly in need of a new drainage exfiltration trench system. This new system should be sized to handle the basin runoff from a 5-yr storm.

Site #3

SW 141st Terrace (from SW 80th Avenue up to and including SW 78th Court)

This roadway drainage basin is served by at least one outfall and minimal existing drainage systems. Flooding has been reported at different locations during heavy rainfall events including the final catch basins prior to the outfall and at an apparent intermediate low point. These systems need to be evaluated for the 5-year storm to determine what upgrades are required.

SCOPE OF SERVICES:

Design & Permitting Phase:

Engineering field review of existing conditions, limited engineering survey of roadway centerline elevations and low points as needed to establish flow patterns and collection points, perform limited utility investigation, engineering analysis and design of new drainage systems or system improvements/modifications, preparation of construction sketches sufficient for construction (similar to sample documents previously enclosed – South Miami Project 1929-16), preparation of construction cost estimate, and assistance in permitting approval through Miami-Dade County DERM (Sites #1, #2 & #3), and South Florida Water Management District (Site #3 only).

Bidding Phase

Preparation of specification, bid documents and project manual, provide bid advertisement documents, respond to bidders' questions and attend pre-bid conference. Prepare addenda to Bid Documents, if required, to clarify the requirements of the Bid Documents. Tabulate and evaluate bids received, check references of the responsible lowest bidder and make recommendation for award. Village will be responsible for placing bid advertisement in publication and for printing and distributing the bid documents.

Construction Phase

Assist in preparation of all documents needed in executing the contract between the Village and the Contractor, attend pre-construction conference and prepare minutes, perform limited Construction Engineering Inspections (approximately 10 hrs/wk) and submit reports, attend biweekly project meetings and prepare minutes, review shop drawings, review the Contractor's Application for Payment and submit recommendation to the Village, perform project closeout with Contractor including final inspection, punch list, final Application for Payment review, and submit Certificate of Completion.

TERMS AND CONDITIONS:

All terms and conditions shall be per our Continuing Services Agreement for Engineering Services. Our fees for the above services shall be as per the following lump sum fee schedule:

Sites #1, 2, 3

Design and Permitting Phase	\$23,000
Bidding Phase	\$3,500
Construction Phase	\$9,500

W.O. for Professional Services
April 22, 2008
Page 3

The Village of Palmetto Bay will be responsible for any permit fees, and these are not included in the above fees. If need be, we can pay those fees and be reimbursed by the village at cost + 10%.

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.

Corzo Castella Carballo Thompson Salman, P.A.



Ramon Castella, P.E.
Vice-President

RC/sc

Village of Palmetto Bay

Approved by:

Date
