

**NORTH CHARLESTON FINANCE COMMITTEE
AGENDA ITEM**

For Meeting of March 15, 2018

DATE: March 12, 2018

ITEM TITLE: Request to Approve Riverfront Park Mitigation and Storm Damage Repairs
With Davis & Floyd Engineers in an amount not to exceed \$181,925.00

SUBMITTED BY: Denise Badillo, Purchasing Director

CONTACT: John Trinkl Facilities Supervisor, 843-740-1602

SUMMARY EXPLANATION:

As Council is aware Riverfront Park sustained severe damage during Hurricane Matthew and Hurricane Irma. Davis & Floyd prepared a damage assessment of the park after Matthew. Staff was working with FEMA and Davis & Floyd regarding those damages/repairs when the park was hit by Irma, causing additional damage to the pier, and shoreline. Staff is currently working with FEMA on how to proceed. Staff has requested Davis & Floyd to provide a proposal for Park Mitigation and storm damage repairs which will include documenting site conditions and applying for FEMA Grant(s), coordinating with the City and FEMA, providing Mitigation Options with FEMA/and other agencies, applying for shoreline repairs and stabilization permits, preparing drawings, preparing a shoreline stabilization design, providing bidding documents and assistance for entire project. Repairs are estimated to cost roughly 2 million dollars and involve the shoreline, boardwalk/pier, and lighting. It is anticipated that FEMA will reimburse the City \$678,000 with the remaining \$513,000 coming from the City. The project will be funded out of the disaster fund with FEMA reimbursing the City.

STAFF RECOMMENDATION:

Staff recommends approval to hire Davis & Floyd in an amount not to exceed \$181,925.00 for the Riverfront Park Mitigation and Storm Damage Repairs.

Account Number: 105-860-570777, Disaster Fund

Current Balance: \$200,000

Amount needed for this Project: \$181,925

BOARD/COMMISSION RECOMMENDATION:

COUNCIL COMMITTEE RECOMMENDATION:

COUNCIL ACTION:

EXHIBITS

Resolutions _____ Contract _____ Minutes _____ Plan/Map _____ Transfer of Funds _____ Other Proposal

ENGINEERING CONTRACT

BETWEEN

** * * * **

CITY OF NORTH CHARLESTON

NORTH CHARLESTON, SOUTH CAROLINA

AND

DAVIS & FLOYD, INC.

NORTH CHARLESTON, SOUTH CAROLINA

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FOR

RIVERFRONT PARK STORM MITIGATION AND STORM DAMAGE REPAIRS

February 2018

D&F JOB NO. 031780.02

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STATE OF SOUTH CAROLINA
CONTRACT
COUNTY OF CHARLESTON

THE CONTRACT entered into on the date hereinafter specified by and between the City of North Charleston, South Carolina, hereinafter called Client, and Davis & Floyd, Inc., North Charleston, South Carolina, hereinafter called D&F.

WITNESSETH:

WHEREAS, Client is desirous of repairing damages caused by Hurricane Matthew and Tropical Storm Irma by which to better serve the needs of its citizens; and

WHEREAS, the services of an engineering firm will be required to assist the Client in this undertaking,
THEREFORE,

KNOW ALL MEN BY THESE PRESENTS, that the aforesaid Client and D&F, for and in consideration of these promises and of the mutual covenants herein set forth, agree as follows:

1.0 – EMPLOYMENT OF ENGINEERS

The Client hereby employs D&F, and D&F accepts employment and agrees to perform such of the professional services hereinafter set forth in Section II of this Contract as shall be requested by the Client in accordance with the Davis & Floyd, Inc. Standard Terms and Conditions for work with City of North Charleston attached to this Contract.

2.0 – CHARACTER AND EXTENT OF SERVICES

D&F agrees to perform services requested by the Client in conjunction with providing final design, bid documents, permitting, bidding assistance, and construction administration for the repair of storm damage to Riverfront Park resulting from Hurricane Matthew and Tropical Storm Irma.

A detailed list of services to be provided is as follows:

Riverfront Park Mitigation and Storm Damage Repairs

Task 01- Document Shoreline Damage and Recommend Stabilization

- a) Document Site Conditions / FEMA Grant Application
- b) Coordinate with City and FEMA on Project Review
- c) Coordinate Mitigation Options with FEMA / Applicable Agencies
- d) Prepare Project Documentation to Support FEMA Review

Task 02 – Permit Shoreline Repairs and Stabilization

- a) Review of Field Conditions
- b) Coordinate Critical Line Survey with OCRM
- c) Coordinate Stabilization Design with Agencies

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- d) Prepare Permit Drawings
 - e) Coordination Meeting with USACE
 - f) Prepare Permit Applications

Task 03 – Shoreline Stabilization Design

- a) Kick-off Meeting / Review
- b) Coordinate Conceptual Design with City
- c) Stabilization Design Plans
- d) Bid Documents
- e) Cost Estimate

Task 04 – Bidding Assistance

- a) Pre-Bid Meeting
 - i. Prepare Agenda
 - ii. Conduct Meeting
 - iii. Prepare Meeting Minutes
- b) Respond to Bidder Questions
- c) Prepare Addendum
- d) Attend Bid Opening
- e) Review Bids, Prepare Tabulation, and Make Recommendation for Award

Task 05 – Construction Contract Administration and CEI Services

- a) Construction Contract Administration
 - i. Pre-Con Meeting
 - ii. Review Submittals
 - iii. Construction Observation Site Visits
 - iv. Requests for Information (RFIs)
 - v. Review and Approval of Contractor Pay Requests
 - vi. Punch List Inspection
 - vii. Final Inspection
 - viii. Project Close-out
- b) Construction Engineering and Inspection (4 months part-time)

3.0– COMPENSATION

The Client will pay to D&F by way of compensation for the performance of services requested in Section 2, Tasks 1, 3, and 4 in the Lump Sum Amount of \$109,730.00.

The Client will pay to D&F by way of compensation for the performance of services requested in Section 2, Tasks 2 and 5 in accordance with the attached D&F Standard Rate and Reimbursable Expense Schedule in an amount not to exceed \$72,195.00.

4.0 – TERMS

This Contract shall terminate upon completion of work specified in Section 2.

5.0 – ATTACHMENTS

D&F Standard Personnel Rate and Reimbursable Expense Schedule

D&F Standard Terms and Conditions – North Charleston

IN WITNESS WHEREOF, the City of North Charleston, South Carolina, and Davis & Floyd, Inc., North Charleston, South Carolina, have hereunto set their hands and seals this _____ day of _____, 2018, thereby binding themselves, their successors and assigns to a strict performance of the terms hereof.

IN THE PRESENCE OF:

CITY OF NORTH CHARLESTON

By: _____


R. Keith Summey

Title: Mayor, City of North Charleston

IN THE PRESENCE OF:

DAVIS & FLOYD, INC.



By:  _____

Michael V. Horton, PE, CFM, LEED AP

Title: Chief Engineering Officer