

DECISION MEMORANDUM – MITIGATION SPECIAL CASE PANEL

Decision Date: 14 February 2024

Case #: IP-20-1001-01

Applicant: City of Charleston

Request: Recommend to approve the change order as written.

Panel Members: Phleisha Lewis (Chair), Scott Sharpe, Pam Kendrick, Bea Hightower and Sarah Reynolds; Also attending Billy Singletary, Andrew DeRienzo, Sara Hill, Amy Azarias, Nancy Miramonti, Lisa Falta, Shauna Webb

Decision: Approved

Procedural Status

The Mitigation Special Case Panel heard this request at a review meeting on February 14, 2024. A quorum of panel members were present. Amy Azarias, Infrastructure Construction Manager, submitted the request for case review.

Facts

The construction for the MDTE project, while progressing well, has extended past the original anticipated completion date. Davis | Floyd has been efficient with their hours and were able to stretch the CEI contract to cover much of the extended time period. It appears they will be exhausting the original CEI contract amount sometime in March.

The City of Charleston is requesting a change order for the extended construction period in the amount of \$184,047.21, which is anticipated to take us through Substantial Completion, Final Completion, and project closeout (please see attached). The original CEI contract amount is \$2,482,200.00 and the fee amendment adds only 7.4% to the original contract despite the construction being extended about a year beyond the original anticipated completion date.

Decision

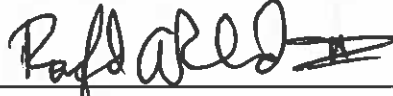
After discussion and consideration of the facts presented, panel member Sharpe moved to APPROVE REQUEST. Panel member Hightower seconded the motion. The panel APPROVED the motion.



Phleisha Lewis
SCOR-DRD, Mitigation Program Director

2/28/2024

Date



Ransford A. Reinhard II
SCOR Director of Operations

28 Feb 2024

Date

DAVIS & FLOYD

PLAN | DESIGN | ENGINEER

January 19, 2024

Matthew Fountain, PE, PG
Director of Stormwater Management
City of Charleston
2 George St, Suite 2100
Charleston, SC 29401

via email - fountainm@charleston-sc.gov

Re: Proposal for Professional Services – (Amendment No. 5)
Ehrhardt Street (Medical District) Flood Mitigation Project Construction Phase Services
D&F Job Number: 31874.00

Dear Mr. Fountain:

Thank you for allowing Davis & Floyd (D|F) the opportunity to submit this Proposal for Professional Services to continue to support the Construction and funding requirements of the Ehrhardt Street (Medical District) Flood Mitigation Project.

The project has been delayed and it is expected that the Substantial Completion will occur in May of 2024 with a Final Completion in July 2024 . The original Substantial Completion and Final Completion date was April 3, 2023 and June 3, 2023 respectively. Due to the delay in the start of the Vortex structure and surface drainage work, D|F was able reduce staffing early in the project and conserve budget for the anticipated impact to the completion date. We have been able to stretch the original contract budget through the delay, but we will not be able to reach the final completion with the remaining budget.

As the deep tunneling has been completed, Black & Veatch's time on the project has been reduced. They will be attending our weekly and monthly progress meetings, attending bi-weekly meetings with the City where requested, providing weekly construction reports, monthly schedule and pay application review, and support for contract management.

To achieve substantial completion, D|F anticipates needing the following staffing levels:

- Resident Construction Manager
 - 26 hrs/wk on average
- Inspector III
 - 45 hrs/wk on average
- Engineer
 - 2 hrs/wk on average

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- Principal
 - 1 hr/wk on average
- Construction Manager
 - 8 hrs/wk
- Construction Management Support
 - 4 hrs/wk
- Project Controls
 - 7 hrs/wk

Once Substantial completion is achieved, a reduced staffing level is projected and is as follows:

- Resident Construction Manager
 - 20 hrs/wk on average
- Inspector III
 - 20 hrs/wk on average
- Engineer
 - 1 hrs/wk on average
- Principal
 - 1 hr/wk on average
- Construction Manager
 - 8 hrs/wk
- Construction Management Support
 - 4 hrs/wk
- Project Controls
 - 7 hrs/wk

Once the project has reached final completion, we anticipate up to two months for final closeout. During that time, we forecast the following staffing levels

- Resident Construction Manager
 - 40 hrs
- Inspector III
 - 20 hrs
- Construction Manager
 - 30 hrs

It is proposed that compensation for the additional CEI services be on a time and expense basis not to exceed **2,482,200.00**. This is an additional \$184,047.21.

We appreciate the opportunity to continue to support the City toward the success of this important project. Upon your request, D|F is prepared to provide three original copies of the City's Form of Agreement for use. Please don't hesitate to call should you have any questions or if we may provide additional information to assist with your consideration.

Yours truly,

DAVIS & FLOYD
PLAN | DESIGN | ENGINEER



J. Mike Simpson Jr., PE, PMP
Associate | Sr. Project Manager

Michael V. Horton, PE, CFM, LEED-AP
Chief Engineering Officer

Enclosures:

- Form of Agreement
- Budget Summary
- Monthly Invoicing Projections

AMENDMENT NO. 05
TO THE
STANDARD FORM OF AGREEMENT
BETWEEN OWNER AND ENGINEER
FOR
PROFESSIONAL SERVICES

Initial:

Owner: _____

Engineer: _____

Project: Medical District Flood Mitigation Project
(a.k.a. Ehrhardt Street Drainage Improvements Project)

This is an Amendment to the Agreement between the City of Charleston (Owner) and Davis & Floyd, Inc. (Engineer) dated September 10, 2019 (hereafter referred to as the Agreement). This said Amendment is effective as of _____.

1. Owner and Engineer agree to amend the Agreement in accordance with Exhibit C, Article 4, C4.01, A.6. of the Agreement to establish a total contract value of \$3,670,987.21 (an increase of \$184,047.21 for this Amendment 05).
 - a) Owner shall pay Engineer for Services provided in accordance with this Amendment 05 for Tasks V. on a time and expenses basis in the amount of \$543,747.21 (an increase of \$184,047.21).

2. In all other respects, the Agreement remains unmodified and in full force and effect.

City of Charleston
OWNER

Davis & Floyd, Inc.
ENGINEER

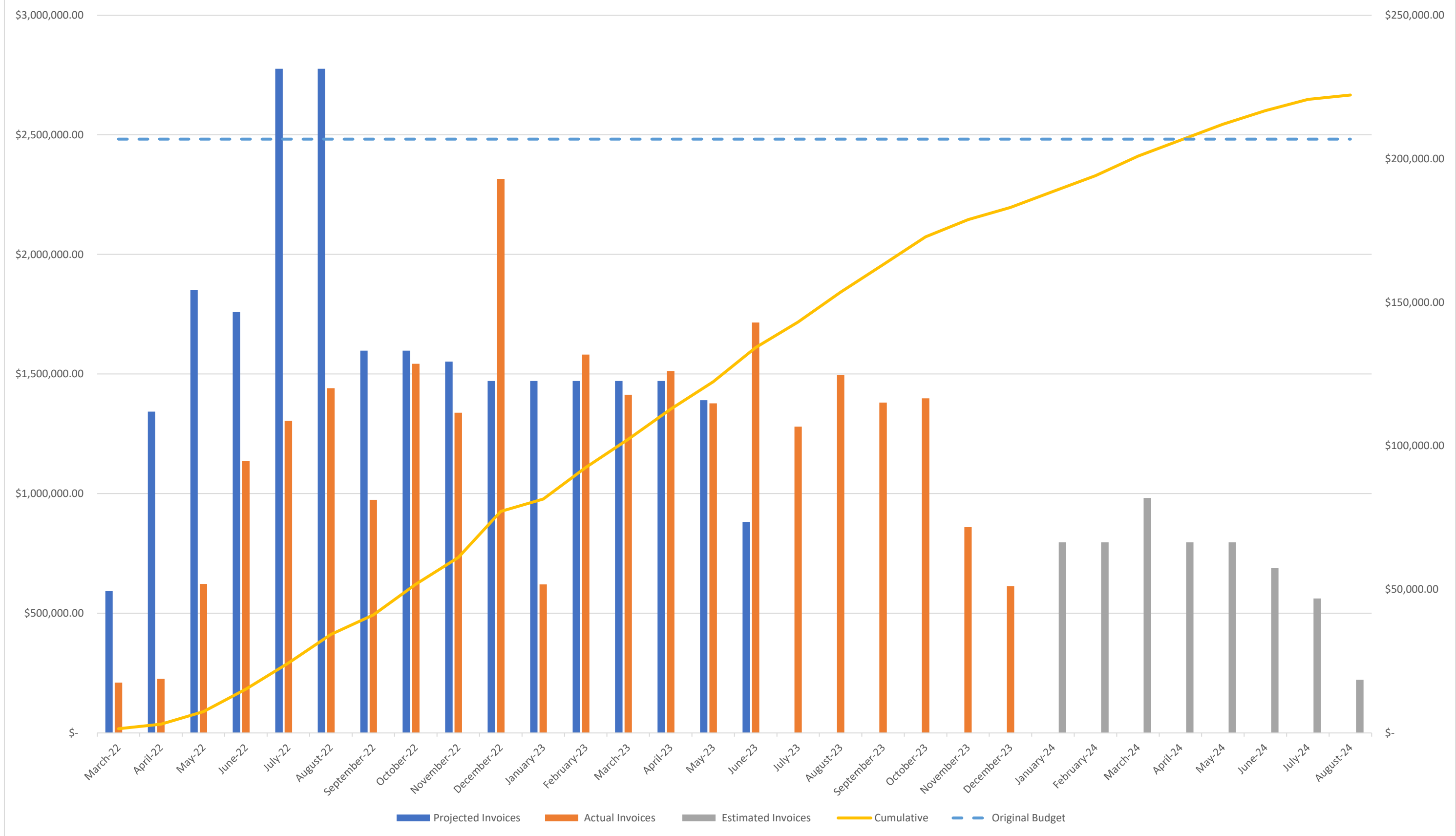
By: _____
Name: William S Cogswell Jr.
Title: Mayor
Address: P.O. Box 652
Charleston, SC 29402

By: _____
Name: Michael V. Horton, PE, CFM, LEED-AP
Title: Chief Engineering Officer
Address: P.O. Box 61599
Charleston, SC 29419

Attachments:

1 – Proposal for Professional Services (Amendment 05) dated January 19, 2024

Budget Summary



Monthly Invoicing Projections

	Projected Invoices	Actual Invoices	Estimated Invoices	Cumulative	Remaining Budget
March-22	\$ 49,343.75	\$ 17,515.96		\$ 17,515.96	\$ 2,464,684.04
April-22	\$ 111,887.50	\$ 18,825.63		\$ 36,341.59	\$ 2,445,858.41
May-22	\$ 154,275.00	\$ 51,851.44		\$ 88,193.03	\$ 2,394,006.97
June-22	\$ 146,575.00	\$ 94,640.53		\$ 182,833.56	\$ 2,299,366.44
July-22	\$ 231,350.00	\$ 108,645.76		\$ 291,479.32	\$ 2,190,720.68
August-22	\$ 231,350.00	\$ 120,067.98		\$ 411,547.30	\$ 2,070,652.70
September-22	\$ 133,137.50	\$ 81,142.13		\$ 492,689.43	\$ 1,989,510.57
October-22	\$ 133,137.50	\$ 128,539.65		\$ 621,229.08	\$ 1,860,970.92
November-22	\$ 129,287.50	\$ 111,508.92		\$ 732,738.00	\$ 1,749,462.00
December-22	\$ 122,568.75	\$ 192,959.79		\$ 925,697.79	\$ 1,556,502.21
January-23	\$ 122,568.75	\$ 51,712.30		\$ 977,410.09	\$ 1,504,789.91
February-23	\$ 122,568.75	\$ 131,780.67		\$ 1,109,190.76	\$ 1,373,009.24
March-23	\$ 122,568.75	\$ 117,770.32		\$ 1,226,961.08	\$ 1,255,238.92
April-23	\$ 122,568.75	\$ 126,034.74		\$ 1,352,995.82	\$ 1,129,204.18
May-23	\$ 115,850.00	\$ 114,773.70		\$ 1,467,769.52	\$ 1,014,430.48
June-23	\$ 73,462.50	\$ 142,910.49		\$ 1,610,680.01	\$ 871,519.99
July-23		\$ 106,671.78		\$ 1,717,351.79	\$ 764,848.21
August-23		\$ 124,659.75		\$ 1,842,011.54	\$ 640,188.46
September-23		\$ 115,039.16		\$ 1,957,050.70	\$ 525,149.30
October-23		\$ 116,527.02		\$ 2,073,577.72	\$ 408,622.28
November-23		\$ 71,615.89		\$ 2,145,193.61	\$ 337,006.39
December-23		\$ 51,116.85		\$ 2,196,310.46	\$ 285,889.54
January-24			\$ 66,363.50	\$ 2,262,673.96	\$ 219,526.04
February-24			\$ 66,363.50	\$ 2,329,037.46	\$ 153,162.54
March-24			\$ 81,829.38	\$ 2,410,866.84	\$ 71,333.17
April-24			\$ 66,363.50	\$ 2,477,230.34	\$ 4,969.67
May-24			\$ 66,363.50	\$ 2,543,593.84	\$ (61,393.84)
June-24			\$ 57,376.88	\$ 2,600,970.71	\$ (118,770.71)
July-24			\$ 46,801.50	\$ 2,647,772.21	\$ (165,572.21)
August-24			\$ 18,475.00	\$ 2,666,247.21	\$ (184,047.21)