

**RESOLUTION APPROVING BUDGET MODIFICATION #02 TO HAZEN FOR SERVICES DURING CONSTRUCTION FOR THE H6 H7 CSO LTCP PROJECT**

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**MOTIONED BY:** Gardiner

**SECONDED BY:** Guzman

**WHEREAS**, the North Hudson Sewerage Authority (hereinafter "Authority") is a public body, duly formed under the Sewerage Authorities law, constituting Chapter 138 of the Laws of New Jersey of 1946, as amended (Chapter 14A of Title 40 of the New Jersey Statutes Annotated) and possesses the powers set forth therein; and

**WHEREAS**, HAZEN has been selected under resolution 19-066 to provide engineering services during construction for the H6/H7 CSO LTCP Project; and

**WHEREAS**, HAZEN has submitted a request (Exhibit "A") for additional compensation in the amount of \$218,617.00 related to additional engineering services performed for out of scope items related to the H6/H7 CSO LTCP Project; and

**WHEREAS**, the Authority has determined to undertake, and hereby amend the scope of, the H6/H7 CSO LTCP Project as described in Appendix A hereto (the "Project") pursuant to Resolution No. 19-066 adopted on August 15, 2019;

**WHEREAS**, the Authority has determined that the total estimated cost of the Project will be an amount not to exceed \$2,068,423.00; and

**WHEREAS**, the Chief Financial Officer has certified that funding is available through the Authority's Capital Improvement Program; and

**WHEREAS**, the capital budget of the Authority is hereby amended to conform with the provisions of this resolution to the extent of any inconsistency herewith; and

**WHEREAS**, the Facilities Review Board has reviewed the proposal and recommends the approval of the request.

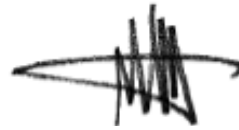
**NOW THEREFORE, BE IT RESOLVED** that the Authority, as recommended by the Facilities Review Board, approves of HAZEN provision of additional professional engineering and construction services as outlined in Exhibit "A" and shall be compensated in an amount not to exceed an additional \$218,617.00.

**DATED: OCTOBER 20, 2022**

**RECORD OF COMMISSIONERS' VOTE**

	<b>YES</b>	<b>NO</b>	<b>ABSTAIN</b>
Commissioner Kappock	x		
Commissioner Marotta	x		
Commissioner Gardiner	x		
Commissioner Friedrich	x		
Commissioner Guzman	x		
Commissioner Velazquez	x		
Commissioner Barrera	x		
Commissioner Zucconi	x		
Commissioner Assadourian	x		

**THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON OCTOBER 20, 2022.**



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**SECRETARY**



October 4, 2022

Fredric Pocci, PE  
 Authority Engineer  
 North Hudson Sewerage Authority  
 1600 Adams Street  
 Hoboken, NJ 07030

**Re: H6/H7 CSO LTCP Phase 1 – Request for Budget Amendment No. 2**

Dear Mr. Pocci:

Hazen and Sawyer (Hazen) has prepared this amendment for additional engineering services required to complete the construction of the H6/H7 CSO LTCP Phase 1 project by September 30, 2022, and project closeout by the end of October 2022. Amendment No. 2 addresses additional engineering services costs due to the extended field oversight time for Resident Engineer/Inspection (Item No. 1), and additional time required for special inspections by subconsultant French & Parrello (Item No. 2). The total cost of the completed additional project work and the proposed additional work required through project closeout is \$218,617.00

In the spirit of cooperation, please note that we have not increased our hourly rates for this proposed additional work from our original proposal as a good faith measure to NHSA.

The descriptions of each item of additional work performed by Hazen can be found below along with the associated engineering services costs for that item. This letter also provides descriptions and proposed costs for additional services that Hazen has been requested to perform prior to completion of the Project.

**1. Extended Field Oversight Time for Resident Engineering/Inspection**

Construction Service	Original Proposed Estimate	Actual/Current Estimate
Bid Phase Services	September 2019 – December 2019 (4 months)	November 2019 – June 2020 (7 months)
Resident Engineer/Inspection	March 2020 – April 2021 (15 months)	December 2020 – September 2022 (21 months)
Construction Substantial Completion	August 2021	September 2022
Construction Final Completion – Project Closeout	October 2021	October 2022

90370-000

Hazen already incurred 5 additional months for Resident Engineering/Inspections due to contract and contractor delays and will incur an additional month (6 months total) provided the on-site work is completed by September 31, 2022. The cost of this additional Resident Engineering/Inspection is \$154,896.

## 2. Additional Time Required for Special Inspections

Construction Service	Original Proposed Estimate	Actual/Current Estimate
Special Inspections	\$61,180	\$124,901

Hazen incurred \$63,721 of additional special inspection costs from our subconsultant French and Parrello as a result of the following field changes:

- Conducting of a second test micropile and witness of a second micropile load test.
- Observation of micropiles installation and grouting that took considerably longer by the Contractor than anticipated and that were ultimately abandoned in favor of H-piles.
- Observation of the installation of H-piles and ballast foundations for the Control Building, Pump Station and Pretreatment area.
- Installation of additional helical piles in the roadways, as well as for the pump station manifold

For reference, French and Parrello's invoices for special inspections are summarized in Attachment A.

Based upon the above enumerated items, Hazen requests an amendment to its professional services agreement with the NHTSA for the H6/H7 Phase 1 project. Should you have any questions or comments, or require any additional information, please contact me.

Very truly yours,



Kevin D. Haney, PE, BCEE  
Senior Associate

cc: D. Conger - NHTSA  
W. Gettings, E. Kelly - Hazen

## ATTACHMENT A

### Summary of French and Parrello Invoices for Special Inspections

Invoice No.	Date	Invoice Amount
125608	4/14/2021	\$ 8,247.50
126113	5/12/2021	\$ 6,306.25
126724	6/11/2021	\$ 8,268.75
127152	7/8/2021	\$ 19,672.50
127574	8/5/2021	\$ 19,005.00
128084	9/9/2021	\$ 878.75
128798	10/20/2021	\$ 7,982.50
129435	11/23/2021	\$ 12,402.50
130030	12/23/2021	\$ 15,557.50
130390	1/19/2022	\$ 1,575.00
131131	2/24/2022	\$ 7,205.00
131643	3/23/2022	\$ 5,052.50
132184	4/22/2022	\$ 2,217.50
132742	5/20/2022	\$ 2,302.50
133415	6/16/2022	\$ 1,142.50
134030 <sup>(1)</sup>	7/22/2022	\$ 2,085.00
	Subtotal	\$ 119,901.25
	Estimate through Completion of Construction	\$ 5,000.00
	<b>Total</b>	<b>\$ 124,901.25</b>

<sup>(1)</sup> Invoice has not yet been submitted to NHSA for Payment