

**RESOLUTION APPROVING CONTRACT MODIFICATION #02 TO JACOBS FOR
SERVICES DURING CONSTRUCTION FOR THE H6/H7 LTCP PROJECT**

MOTIONED BY: Friedrich

SECONDED BY: Gardiner

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, JACOBS has been selected under resolution 16-142 to plan and design a complex system to resolve CSO Long Term Control Plan issues for the H6/H7 drainage basin in Hoboken; and

WHEREAS, the purpose of this request for a contract modification is to compensate the Engineer (Jacobs) for extra work to complete design of Phase 3 of the H6/H7 LTCP project. Additional services include: Revising the storm sewer design to account for revised street grading plans, expediting final design and obtaining I-Bank approval and funding, Bidding Services, and Soil Erosion and Sediment Control permitting. The total cost of the additional work is \$122,000.00; and

WHEREAS, a previous contract modification was approved increasing the total contract in the amount not to exceed \$3,300,000.00; and

WHEREAS, the Authority has determined that the total estimated cost of the Project will be an amount not to exceed \$3,422,000.00; 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 JACOBS 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 \$122,000.

DATED: OCTOBER 19, 2023

RECORD OF COMMISSIONERS' VOTE

	YES	NO	ABSENT
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 19, 2023.



SECRETARY

October 9, 2023

Mr. Donald R. Conger III, P.E.
Authority Engineer
North Hudson Sewerage Authority
1600 Adams Street
Hoboken, New Jersey 07030

Subject: Budget Increase
H8 Stormwater System Design for the Long-Term Control Plan and the H6/H7 Study to
Resolve CSO LTCP issues for the H6/H7 Drainage Basin

Dear Mr. Conger:

CH2M (now Jacobs) and Mott-MacDonald prepared and submitted a proposal on January 4, 2017 for the H8 Stormwater and Long-Term Control Plan design. We were authorized by the Authority to provide final design services, under resolution 16-134, for a total fee in the amount of \$2,653,249, for the H8 Stormwater System Design for the Long-Term Control Plan and the H6/H7 Study to Resolve CSO LTCP issues for the H6/H7 Drainage Basin. Design work on this project continues as the project has evolved since the original proposal, and our subcontractor Mott MacDonald has exceeded their authorized budget and will require additional funds to complete the design.

Primary reasons for the budget changes are as follows (and further described in the attached Appendix A):

- North End Roadway Reconstruction and Preliminary Grading Plans.
- Expedite Final Design and Obtain I-Bank Funding.
- Bid Services.
- Phase 3 SESC Permit Application.

In the aggregate, the out of scope work has a total fee of \$122,000.

If you have any questions or require additional information regarding this proposal, please contact me at 213.841.5890.

Sincerely,
CH2M



Shivani Patel, P.E.
Client Service Manager



Ms. Shivani Patel, PE
Jacobs Engineering
1 Penn Plaza Suite 2400
New York, New York 10119

Our Reference
507379325

**North Hudson Sewerage Authority
Request for Contract Modification
H6/H7 CSO Long Term Control Plan Project, Phase 3**

September 25, 2023

Dear Ms. Patel:

Mott MacDonald is pleased to submit this Request for a Contract Modification to our Professional Engineering Services Contract with Jacobs Engineering as it pertains to the above referenced project.

We are requesting this modification as a result of additional work requested by the North Hudson Sewerage Authority (NHSA) beyond the original scope of the Contract. We have been able to complete much of the required work within the original Project Budget but need additional funds to complete the project. Specific items are detailed below.

PROJECT DESCRIPTION

Original Scope

As you are aware Mott MacDonald has been coordinating with the Authority to prepare final bid documents that included the construction of the high-level stormwater collection system, and roadway reconstruction throughout northwest Hoboken. The following is a summary of the additional work that we have performed

A description of this additional scope items is listed below:

1. North End Roadway Reconstruction and Preliminary Grading Plans

Mott MacDonald adjusted the final elevations of the high-level stormwater system by 3 to 4 feet during the construction of Phase 1 of the project. This revision was carried forward to the subsequent phases, which saved the Authority significant costs related to excavation and soil disposal. The pipe grades for phases 2 and 3 had to be redesigned. This work included the design of three depressed sewer segments under the 15th street trunk sewer.



At the Authority's request Mott Macdonald performed roadway reconstruction design of 13th Street between Adams Street and Madison Street. This design work was completed during construction of Phase 1. This work was done to tie-in the park-site grading with the north side of 13th street which was excluded from the E&LP design drawings. The design was coordinated extensively with the park-site engineers. Mott MacDonald also coordinated with Hazen and Sawyer and performed several site meetings and spot inspections throughout the reconstruction process.

At the Authority's request, Mott MacDonald designed the regrading of the intersection of Adams from 14th to 15th, which included roadway profiles, grading plans and additional construction details.

At the Authority's request, Mott MacDonald designed the regrading of 16th street, which included centerline roadway profiles and typical cross-sections. This work required coordination with PSEGs recent site work.

Mott MacDonald also performed an overall North End Elevation Study. The purpose of this work was to determine preliminary road grades that would be required in order to provide adequate depth of cover over the proposed high level storm system.

2. Expedite Final Design and Obtain I-Bank Funding

The Authority had an opportunity to obtain 80 percent principal forgiveness from the Infrastructure Bank, Mott MacDonald was directed to expedite the completion of the final plans and specifications. Therefore, we assigned additional resources to complete the project before the funding deadline.

Mott MacDonald performed Engineering Services to obtain funding from the NJ Infrastructure Bank for Phase 3 of this project. Mott MacDonald was also involved in extensive negotiations and commentary from the State Comptroller to comply with the Authority's funding deadline. As a result of the recent Build Back Better legislation, the I-Bank and the NJ I-Bank had some disagreements regarding interpretation and applicability of certain requirements for the Phase 3 Project.

3. Bid Services

MacDonald is performing bid services for the Phase 3 project in order to expedite the project schedule to ensure funding availability for the Authority.

This task includes the following items:

- Holding two pre-bid meetings,
- Responding to questions and issuing clarifications,
- Produce and distribute Addenda and submit to the State for approval,
- Attend Bid Opening
- Produce Bid Canvass and draft letter of recommendation of award to the lowest responsive/responsible bidder.
- Compiling the Authorization to Award Package for the NJ I-Bank to secure project funding and to get the project started.



4. Phase 3 SESC Permit Application

The phased approach of the Project necessitated separate Soil Erosion & Sediment Control Permit Applications for each phase of the project. This item is for separating out the phase three work and for paying for the permit application fee and printing costs. This permit was a vital step in obtaining funding for the project.

REQUESTED BUDGET FOR ADDITIONAL WORK

Mott MacDonald proposes to complete the services outlined above on a time & materials basis in accordance with Mott MacDonald’s Rate Schedule with the NHSA in effect at the time that services are provided, not to exceed the fee shown without written authorization from the Authority.

All work would be completed in accordance with the terms and conditions of the current General Consulting Engineering Services Agreement between Authority and Mott MacDonald.

1. North End Roadway Reconstruction & Grading Plans	\$ 55,000.00
2. Expedite Final Design and Obtain I-Bank Funding	\$ 35,000.00
3. Bid Services	\$ 30,000.00
4. Phase 3 SESC Permit Application	<u>\$ 2,000.00</u>
Total:	<u>\$ 122,000.00</u>

Note that Items No. 3 and No. 4 include the cost of reproducing the plans and specifications for these bid packages.

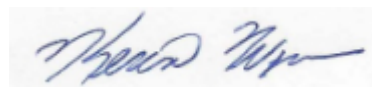
CONCLUSION

Mott MacDonald will provide the Engineering Services in accordance with our original subconsultant agreement.

We look forward to working with you on this project and are available to discuss the details of the above at your convenience. Should you have any questions regarding the above, please do not hesitate to contact us.

Very truly yours,

Mott MacDonald



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