

**RESOLUTION 20-11 – AUTHORIZING THE EXECUTION OF A CONTRACT FOR THE ULTRA HIGH PERFORMANCE CONCRETE PILOT PROJECT ON THE NORTHBOUND SPAN OF THE DELAWARE MEMORIAL BRIDGE.**

WHEREAS, The Delaware River and Bay Authority (the “Authority”) is a bi-state Authority of the State of Delaware and the State of New Jersey, created by Compact, that owns, operates and controls the Delaware Memorial Bridge, Cape May-Lewes Ferry, Forts Ferry Crossing and five (5) regional airports; and

WHEREAS, the Authority has previously determined that the deck of the northbound span of the Delaware Memorial Bridge is in need of repair; and

WHEREAS, the Authority’s 2020 Capital Improvement Program includes a four-phase program of said repair over the years 2020, 2021, and 2022; and

WHEREAS, the first phase of said repair is an Ultra High Performance Concrete (“UHPC”) Pilot Project, currently scheduled for September of 2020; and

WHEREAS, the Authority desires to enter into a contract (“Contract”) with a general contractor to perform the work involved with the UHPC Pilot Project; and

WHEREAS, the Authority will publicly advertise the UHPC Pilot in compliance with Resolution 98-31, as amended, which governs the procedure for bidding such contracts; and

WHEREAS, the Authority will receive such bids on or about May 29, 2020; and

WHEREAS, the Authority will require approximately one month to evaluate the aforementioned bids received, identify the lowest responsible bidder, and execute the Contract; and

WHEREAS, due to the eight- to ten-week lead time on construction material required for the UHPIC Pilot Project, the Authority will need to award the contract within 30 days after bid opening in order to begin construction in September, 2020; and

WHEREAS, September is the optimal month to construct the UHPC Pilot Project, due to its combination of low traffic and warm weather; and

WHEREAS, time is of the essence, inasmuch as failure to have the construction material delivered prior to September may result in the postponement of the UHPC Pilot Project for up to a year; and

WHEREAS, the Projects Committee has reviewed the recommendation and concurs with the evaluation; and

THEREFORE BE IT RESOLVED, that the Commission hereby authorizes the Chairman, Vice Chairman, and Executive Director, with the advice of counsel, to finalize the terms and conditions of the Contract for the Ultra High Performance Concrete Pilot Project, provided that the Contract is awarded to the lowest responsible bidder, and provided that the cost of the Contract does not exceed the engineering estimate plus 15%.

## **Resolution 20-11 Executive Summary Sheet**

**Resolution:** Authorizing the execution of a contract for the Ultra High Performance Concrete Pilot Project on the northbound span of the Delaware Memorial Bridge.

**Committee:** Projects Committee

**Committee/**

**Board Date:** April 21, 2020

### **Purpose of Resolution:**

To authorize the execution of a contract for the Ultra High Performance Concrete Pilot Project on the northbound span of the Delaware Memorial Bridge.

### **Background for Resolution:**

The Authority's 2020 Capital Improvement Program includes funding for a four-phase deck repair of the northbound span of the Delaware Memorial Bridge over the years 2020, 2021, and 2022. The first of the four phases is the Ultra High Performance Concrete Pilot Project, currently scheduled for September, 2020.

September is the optimal month to construct this project, inasmuch as it offers the best combination of lower traffic volume and warmer temperature.

In accordance with the provisions of Resolution 98-31, as amended, the Authority will be publicly advertising this project, with bids due on or about May 29, 2020. Because there is an eight- to ten-week lead time to procure construction material, the Authority will need to execute the construction contract as soon as possible (approximately one month) after the receipt of bids. If the construction material does not arrive in time, the project is subject to delay of up to a year.

The proposed Resolution allows the Board Chairman, Vice Chairman, and Executive Director, with the advice of counsel, to execute a Contract for this project with the lowest responsible bidder, provided that the cost does not exceed the engineering estimate plus 15%.