



**OFFICIAL MINUTES OF:**

Meeting of:	CEO Committee Meeting
Date:	June 23, 2015
Time:	8:30 a.m.

**MEMBERS PRESENT:**

John MacQueen, Chairman  
Jonathan Farnum  
Vincent Mesoella  
Al Montanari  
Angelo Rotella  
Richard Worrell

**MEMBERS ABSENT:**

Robert Andrade

**STAFF AND GUESTS PRESENT**

Raymond J. Marshall, Executive Director  
Jennifer Harrington, NBC  
Karen Musumeci, NBC  
Tom Uva, NBC  
Paul Nordstrom, NBC  
Diane Buerger, NBC  
Meg Goulet, NBC

Tom Brueckner, NBC  
Joe Pratt, Louis Berger  
Deborah Samson, NBC  
Kathryn Kelly, NBC  
Rich Bernier, NBC

**1. Call to Order**

CEO Chairman MacQueen recognizing a quorum called the June 23, 2015 Construction/Engineering/Operations (CEO) Committee Meeting to order at 8:45 a.m.

**2. Approval of Minutes – May 27, 2015 CEO Committee**

Chairman MacQueen asked for a motion to approve the May 27, 2015 CEO Committee meeting minutes as written. Commissioner Farnum moved to approve the minutes of the May 27, 2015 CEO Committee. Commissioner Worrell seconded the motion. The vote taken by the CEO Committee was unanimous. The motion carried.

### **3. Items for Action**

#### **A. Review and Approval of Resolution 2015:15; Authority to Award Contract 116.02C-Fields Pint Tunnel Pump Station Roof Replacement**

Mr. Marshall advised that one bid for construction Contract 116.02C – Fields Point Tunnel Pump Station Roof Replacement was received by the Commission’s Procurement Section on June 4, 2015. The contractor and their bid is:

Hart Engineering Corp.	\$802,000.00
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This contract was identified by our Operations Section as in need of repair. The Tunnel Pump Station Cavern Roof has been leaking for some time. The Louis Berger Group hired World International Testing, Inc. to inspect the roof. The following is a summary of their findings:

The roof structure and appurtenant gutter system were installed approximately ten years ago for the purpose of protecting the pump station from ground water and to divert water run-off to a gutter and drain system. As reported, isolated leaks had developed after a short service life. The field inspection was initiated on November 4<sup>th</sup> and concluded on November 6<sup>th</sup> 2013. The test results were separated to include deficiencies associated with the upper deck/top-side and also lower deck/bottom side.

The results show that the isolated leaks visible from the bottom-side (which prompted the inspection) represent only a small portion of the total number of deficiencies documented during the field investigation. The report will show that widespread failure of the zinc protective coating on the top-side has resulted in corrosion attack throughout galvanized steel components. Based on the amount of corrosion and section loss noted, the leaks initially reported will increase significantly in the near future.

The integrity of the roof support structure is sound and in good condition and will require only minor PM work. However, the galvanized steel deck panels protecting the pump station (including the gutter system) are in need of immediate repair or replacement.

The galvanized steel components will be replaced with fiberglass panels. The chlorosulfonated polyethylene gutter material will be replaced with pvc pipe.

Hart Engineering Corporation (HEC) submitted the only bid of \$802,000. Due to the fact we only received one bid we asked the Louis Berger Group for their opinion as to the reasonableness of the bid. They reported that once we factor in the changes that were made after the original estimate was made, HEC’s bid is considered fair and reasonable. Also due to the fact that the leaking roof could cause damage to mechanical and electrical equipment, we feel it is necessary to complete this project.

HEC has completed many construction contracts with the NBC over the years and has performed well. The Contractor must adhere to the Contract requirements for MBE/WBE compliance, including state approval of his MBE/WBE Plan.

As with all projects of this size and complexity there will be ancillary costs associated with the project including but not limited to: advertising, printing, specialty engineering consultants (maximum contract ceiling of \$20,000), material/soil testing firm and staff time associated with contract inspection and administration.

Staff has evaluated the qualifications and the bid proposal of the bidder and has checked references for the purpose of establishing the firm's capability to successfully complete this construction project. Staff recommends that the Commission award the Contract for the construction of Contract 116.02C – Fields Point Tunnel Pump Station Roof Replacement to Hart Engineering Corporation of Cumberland, RI because staff has determined that Hart Engineering Corporation is the lowest, responsive, responsible bidder.

We respectfully request your approval of the attached Resolution 2015:15 Authority to Award Contract 116.02C – Fields Point Tunnel Pump Station Roof Replacement to Hart Engineering Corporation for a cost not to exceed \$802,000 subject to the approval of the Contractor's MBE/WBE plan and EEO requirements by the Rhode Island Department of Administration.

Commissioner Montanari made a motion to approve Resolution 2015:15, Authority to Award Contract 116.02C-Fields Point Tunnel Pump Station Roof Replacement. Commissioner Farnum seconded the motion and the vote taken by the CEO Committee was unanimous. The motion carried.

**B. Review and Approval of Resolution 2015:16; Authorization to Enter into a Contract for Engineering Services Contract 2014:304.57D-Final Design of the 78-inch Interceptor Replacement**

Mr. Marshall stated that the Providence River Siphon (siphon) is a 48-inch brick sewer constructed in 1895 that extends for approximately 800 feet under the Providence River. The siphon conveys flow from the east side of Providence through a 78-inch interceptor immediately downstream of the siphon to the Allens Avenue interceptor where it is then conveyed to the Field's Point Wastewater Treatment Facility.

NBC issued a Request for Qualifications and Proposals (RFQ/P) in April 2013 to perform an evaluation of both the 78-inch interceptor and the 48 inch siphon and provide recommendations for rehabilitation/replacement of the facilities. The RFQ/P stated that the NBC may extend the contract to include design services if the evaluation was completed satisfactorily. The selected respondent was Stantec Consulting Services (Stantec) and Resolution 2013:22 approved the selection.

Stantec inspected the siphon in October 2013. The results of the inspection indicated that the siphon was in good overall condition and not in need of rehabilitation or replacement. However, given the age and critical nature of the siphon, Stantec stated that NBC may wish to consider (1) lining the existing siphon and (2) constructing a second siphon barrel to provide redundancy and ensure long-term availability for sewer service on the east side of Providence. Neither of those options has been pursued at this point in time.

Stantec attempted to perform an inspection of the 78-inch interceptor in October 2013 to determine its condition but was unable to advance the CCTV camera through the pipe due to the

presence of rags and grit. NBC then entered into a cleaning contract with Pipe and Plant Solutions (Resolution 2014:13) and the cleaning operation commenced during the summer of 2014. Pipe and Plant Solutions was unable to completely clean the pipe and presented evidence that soils might be entering the pipe from the surrounding ground during the cleaning operation. This inspection did show the pipe to be significantly deteriorated with extensive cracking and the presence of a sag in the pipe. Stantec has recommended that 500 feet of the 78 inch interceptor be replaced.

Now that Stantec has satisfactorily completed all the evaluations and they have submitted a proposed cost of \$201,225 to prepare the final design for replacement of the 500 foot section of 78" pipe. Staff would like to add a 20% contingency to this amount to cover unanticipated design costs that may arise during the project for a total cost of \$240,000. In addition to the cost for this design contract, this project will also include administrative costs for NBC labor and other costs.

We request that the Board approve Resolution 2015:16 authorizing staff to enter into a contract with Stantec Consulting Services to provide engineering services for final design of the 78-inch interceptor replacement for an amount not to exceed \$240,000.

Commissioner Montanari made a motion to approve Resolution 2015:16, Authorization to Enter into a Contract for Engineering Services for Contract 2014:304.57D-Final Design of the 78-inch Interceptor Replacement. Commissioner Farnum seconded the motion and the vote taken by the CEO Committee was unanimous. The motion carried.

#### **4. Other Business**

None.

#### **5. Adjournment**

A motion to adjourn was made by Commissioner Farnum seconded by Commissioner Montanari and the CEO Committee meeting adjourned at 9:05 a.m.

Respectfully submitted,



Raymond J. Marshall, P.E.  
*Executive Director/Secretary*