

The Narragansett Bay Commission
One Service Road
Providence, RI 02905

(401) 461-8848
(401) 461-6540 FAX

Vincent J. Mesolella
Chairman

Raymond J. Marshall, P.E.
Executive Director



OFFICIAL MINUTES OF:

Meeting of:	CEO Committee Meeting
Date:	April 10, 2012
Time:	9:30 a.m.

MEMBERS PRESENT:

Michael Salvadore, CEO Chairman
Jonathan Farnum
John MacQueen
Vincent J. Mesolella
Al Montanari
Richard Worrell

MEMBERS ABSENT:

Robert Andrade
Angelo Rotella
Leo Thompson

STAFF AND GUESTS PRESENT:

Raymond J. Marshall, Executive Director
Tom Uva, NBC
Joe Pratt, Louis Berger Group
Rich Bernier, NBC
Karen Musumeci, NBC
Linda George, RI Senate Policy Office
Jennifer Harrington, NBC
Deborah Samson, NBC

Terry Cote, NBC
Tom Brueckner, NBC
Lori Vernon, NBC
Meg Goulet, NBC

1. Call to Order

Recognizing a quorum, CEO Chairman Salvadore called the April 10, 2012 Construction/Engineering/Operations (CEO) Committee Meeting to order at 9:42 a.m.

2. Approval of Minutes – March 6, 2012 CEO Committee

Chairman Salvadore asked for a motion to approve the March 6, 2012 CEO Committee Meeting minutes as written.

Commissioner MacQueen moved to approve the minutes of the March 6, 2012 CEO Committee..
Commissioner Farnum seconded the motion. The vote taken by the CEO Committee was unanimous.
The motion carries.

3. Items for Action

A. **Review and Approval of Resolution 2012:08;** Authorization to Enter into an Agreement for Engineering Design Services for Contract 304.44D Relocation/ Repair of the Central Falls Branch of the Moshassuck Valley Interceptor

Mr. Marshall advised that the Central Falls Branch of the Moshassuck Valley Interceptor (MVI) was constructed in the mid-1950's by the Blackstone Valley Sewer District Commission and collects combined storm water and wastewater from Central Falls, Lincoln and Pawtucket. The 24 inch interceptor begins at Lonsdale Avenue at Emmett Street and continues under the railroad tracks and the Moshassuck River to the Pawtucket Branch of the MVI, a distance of 2600 feet.

Video surveys of the interceptor indicate circumferential and longitudinal cracks in sections of vitrified clay pipe sections and sags in several locations along its length. Sags in the line are presumably due to poor soils and overburden. Measurements taken of the invert of the manhole in Crow Point Road indicate that it has sunk 2.13 feet below the original invert elevation.

Flows within the pipe have been observed to back up with occasional surcharging occurring during high flows. The NBC interceptor maintenance section must monitor and clean this line regularly to limit the frequency of surcharging.

On January 12, 2012, the NBC issued a Request for Qualifications/Proposals (RFQ/P) for Design Services for relocation or repair of the existing sewer. The RFQ/P states that NBC may choose to continue to contract engineering services during construction with the selected engineer if services during the design phase are satisfactory.

Five firms submitted qualification statements and cost proposals on March 2, 2012. The cost proposals were enclosed in separate sealed envelope to be opened after review and rating of the "qualifications/proposal statements". The firms responding were:

1. Beta Group, Inc.
2. Kleinfelder/SEA
3. Louis Berger Group, Inc.
4. Stantec Consulting Services, Inc.
5. Wright Pierce

A Review Committee, consisting of Thomas Brueckner, Engineering Manager, Theresa Cote, Principal Environmental Engineer and Meg Goulet, IM Manager reviewed the submittals. The "qualifications/proposal statements" were evaluated on each firm's approach to the project, staffing and organization, qualifications, and schedule. The Wright-Pierce submittal was determined to be non-responsive. The average of the three committee member's rating for the four other firms were:

Qualification

<u>Firm</u>	<u>Scores</u>
Kleinfelder/SEA	72
Beta Group, Inc.	70
Louis Berger Group	69
Stantec	58

Based on the evaluation, Beta Group, Kleinfelder/SEA and Louis Berger Group were short-listed for further consideration. The cost proposals of these three firms were evaluated and rated as follows:

<u>Firm</u>	<u>Project Budget</u>	<u>Project Cost</u>	<u>Overall Score</u>
Kleinfelder/SEA	\$234,450	11	83
Beta Group, Inc.	\$183,185	14	84
Louis Berger Group	\$129,848	20	89

The Louis Berger cost proposal includes hazardous material testing but the Kleinfelder and Beta cost proposals list this work as an additional cost beyond the base cost proposal. If this work is added to their base proposal, the adjusted cost would be \$188,621 for Beta and \$245,128 for Kleinfelder.

The ratings of the “qualifications/proposal statements” for the three short listed firms were essentially equal (72, 70 and 69). When the cost proposal scores were added to the “qualifications/proposal statements” ratings, the Louis Berger Group had the highest overall score because their cost proposal was substantially less than the other two firms. The Committee believes that the Louis Berger Group can complete the design work for their proposed cost, has the qualifications necessary to do the work and that their proposal is complete. For this reason, the Committee recommends that the Louis Berger Group be selected to perform this work.

We request that the Board approve a budget for the project which will include a 10% contingency to cover any unforeseen costs that may occur during the design of the project. With the 10% contingency, the total allocation for the project would be \$143,000. This project will be funded with Capital Financing.

In addition to the costs associated with the design contract for Louis Berger Group, we are also requesting authorization to incur for additional costs associated with this project for NBC staff time, acquisition of easements and other miscellaneous costs.

It is requested that the Board approve Resolution 2012:08 authorizing staff to enter into an agreement with Louis Berger Group, Inc. for Engineering Design Services for Contract 304.44D Relocation/Repair of the Central Falls Branch of the Moshassuck Valley Interceptor and for an amount not to exceed \$143,000.

Commissioner Montanari made a motion to approve Resolution 2012:08; Authorization to Enter into an Agreement for Engineering Design Services for Contract 304.44D Relocation/Repair of the Central Falls Branch of the Moshassuck Valley Interceptor. Commissioners MacQueen and Farnum seconded the motion and the vote taken by the CEO Committee was unanimous. The motion carries.

\$12,168,511 to Gilbane Building Company (Gilbane). The Contract was signed and a Notice to Proceed was issued to Gilbane on April 19, 2011.

Per the NBC's approved COR procedures, the Chairman and Executive Director are authorized to approve CORs up to an aggregate amount of 5% of the Contract amount or \$608,426 for this Contract. To date \$420,687 in CO's have been approved within this authorization.

There are two major, unanticipated issues which have arisen on this project. Both of these issues relate to third parties, and were beyond the control of both the NBC and Gilbane. The first major issue is that the NBC was unexpectedly required to go before the City of Providence Zoning Board to obtain a waiver to be allowed to build the turbines. Historically, the NBC has received all its' Fields Point permits and approvals from the State Building Committee and the State Fire Marshall's office. The City zoning process was not completed until April of 2011 causing a delay of 6 months to the contract. As a direct result of this delay Gilbane incurred extra costs (see CORs 1, 9 and 12 in the attached COR log). COR 1 is an escalation costs for the price of steel for the towers. COR 9 are extra costs incurred by Gilbane to assist us in obtaining the zoning variance matter. COR 12 are extra costs for the concrete subcontractor for their subcontract being started 6 months later than planned. The costs associated with the zoning issue are \$226,976.

The second issue relates to the requirements that National Grid is imposing on the NBC. The project includes the NBC tying into the National Grid (NG) electrical distribution system allowing us to net meter electricity by being able to export surplus electricity. NG has to conduct an Impact Study to determine what impacts we may have on their system and require protection equipment on both "our side" and "their side" of the meter connection. NG is scheduled to complete the impact study by April 20, 2012. Gilbane's design team has been working closely with NG and as a result some of the major changes that NG will require are already known.

As a direct result of the NG issue we have or will incur extra costs (see CORs 10 and 20 in the attached COR log). COR 10 are extra design costs incurred by the Gilbane's design team responding to NG inquiries and making changes requested by NG. COR 20 are construction changes to switchgear, transformers, transmission lines, etc. and extended overhead costs for Gilbane's field personnel as a direct result of changes required by NG. The costs associated with the NG requirements on "our side" of the meter connection are estimated to be \$1,211,886.

Please be advised that the amount noted above (\$1.2m) only covers the Gilbane and NBC equipment costs related to the NG issue. Upon completion of the Impact Study, NG will identify any NG infrastructure modifications required to accommodate our exported power. We will bring this cost increase to a future board meeting and if approved, we will deal directly with NG.

In summary the cost associated with the City of Providence zoning issue is \$226,976 and the NG issue is estimated at \$1,211,886 for a total cost of \$1,438,862.

Based upon the above, it is recommended that the Chairman and Executive Director be authorized to approve CORs for Contract 121.00C – Fields Point Wastewater Treatment Facility Wind Turbines for an aggregate amount not to exceed \$1,438,862 over the 5% authorized limit and recommend approval of Resolution 2012:10 .

Commissioner Montanari made a motion to approve Resolution 2012:10; Contract 121.00C-Fields Point Wastewater Treatment Facility Wind Turbines Recommendation to Increase the Limit for Change Order

Requests. Commissioner Worrell seconded the motion and the vote taken by the CEO Committee was unanimous. The motion carries.

4. Other Business

None.

5. Adjournment

A motion to adjourn was made by Chairman MacQueen , seconded by Commissioner Worrell and the CEO Committee meeting adjourned at 10:17 a.m.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Raymond J. Marshall".

Raymond J. Marshall, P.E.

Executive Director/Secretary