

RESOLUTION 2020-75

**AUTHORIZING THE AWARD OF A CONTRACT
WITH AN ESTIMATED COST BETWEEN \$6,600.00 AND \$44,000.00
WITHOUT PUBLIC ADVERTISING FOR BIDS**

WHEREAS, the "Local Public Contracts Law" provides that except for contracts which require the performance of professional services, all contracts or agreements that are less than the bid threshold but are fifteen percent (15%) or more of that amount, two competitive quotations, whenever practicable, shall be solicited by the contracting agent, and the contract shall be awarded to the vendor whose response is the most advantageous, price and other factors considered; and

WHEREAS, the Bordentown Sewerage Authority has solicited the following professional service quotation:

<u>BIDDER</u>	<u>PRICE</u>
Remington & Vernick Engineers	\$23,800.00

for the goods or services set forth below:

Engineering design, advertisement/bid and contract generation phase services to upgrade 8 of the Authority's 24 Oxidation Tank Aerator Shafts.

which the Authority has determined are directly related to the performance, completion or undertaking of the project for the following reasons:

To remove, inspect, and replace/refurbish four aerator shafts per tank, and have the bearings replaced and gearboxes either replaced or rebuilt.

WHEREAS, a certificate of availability of funds has been provided by the designated certifying finance officer and is attached hereto.

NOW, THEREFORE, BE IT RESOLVED, this 21st day of September, 2020 that the aforesaid contract for the proprietary services described above be and the same is hereby awarded to: **Remington & Vernick Engineers not to exceed the amount of \$23,800.00.**

THE BORDENTOWN SEWERAGE AUTHORITY

By: _____

James E. Lynch, Jr., Chairman

Attest: _____

Joseph R. Malone, III, Secretary

I have reviewed this resolution and the certificate of availability of funds and am satisfied that an appropriate certificate of availability has been provided.

Thomas J. Coleman, III, Esquire
General Counsel

CERTIFICATE OF AVAILABILITY OF FUNDS

I, Elizabeth J. Kwelty, Administrative Manager and Certifying Finance Officer of The Bordentown Sewerage Authority, do hereby certify, pursuant to the rules of the Department of Community Affairs, Division of Local Government Services (N.J.A.C. 5:34-5.1 et seq.), that there are available adequate funds for the following proposed contract:

CONTRACT:	Engineering design, advertisement/bid, and contract generation phase services for Oxidation Tank Aerator Shaft Upgrades. Remove, inspect, and replace/refurbish 8 aerator shafts and have the bearings replaced and their gearboxes replaced or rebuilt.
CONTRACTOR:	Remington & Vernick Engineers
CONTRACT AMOUNT:	\$23,800.00
BUDGETARY LINE ITEM:	01-001-610D

I certify that the same funds have not been certified as available for more than one pending contract.

9/21/2020

Date



Elizabeth J. Kwelty
Certifying Finance Officer

September 18, 2020

Mr. Richard D. Eustace
Executive Director
Bordentown Sewerage Authority (BSA)
954 Farnsworth Avenue, P.O. Box 396
Bordentown, NJ 08505

**RE: Bordentown Sewerage Authority
Oxidation Tank Aerator Shaft Upgrades
Proposal for Design/Advertisement/Bid/Contract Generation Phase Services**

Dear Mr. Eustace:

REMINGTON & VERNICK & ARANGO ENGINEERS is pleased to present this proposal to provide engineering design, advertisement, bid, and contract endorsement phase services for continuing with the Oxidation Tank aerator shaft maintenance/replacement work. In 2008, the following six aerator shafts were inspected, and the following actions taken on each:

Shaft Number	Disposition Status	Location
11	Replace with new shaft	North side of oxidation tank
12	Replace with new shaft	North side of oxidation tank
24	Replace with new shaft	South side of oxidation tank
10	Spray Metal and Milling Repair	North side of oxidation tank
15	No Shaft Repair or Replacement	South side of oxidation tank
20	No Shaft Repair or Replacement	South side of oxidation tank

Based on the above please note the following:

- There are 12 aerators per tank. With two tanks the total number of aerators is 24.
- All 24 aerators were provided with high efficiency motors in 2013.
- In 2008, as listed above, three aerators per tank were inspected and some were replaced or refurbished. Each of these six aerators were provided with new bearings but no action was taken on their gearboxes.

We understand the Authority wishes RVE to provide a biddable document for the following contractor actions:

- Remove, inspect, and replace/refurbish four additional aerator shafts per tank. After this contract is completed 7 aerators out of 12 in each tank will have been addressed.
- Each of the additional eight aerator shafts will have the bearings replaced and their gearboxes either replaced or rebuilt.

An outline of the design phases is provided in the following sections:

Phase I: Conceptual Design

- Develop separate proposed construction costs for the replacement of six shafts and eight shafts. As the most expensive option assume complete shaft replacement. Determine if the gearboxes should be replaced or rebuilt. Include replacement of all bearings for each shaft.
- Establish with BSA the number of shafts to be included under this contract (6 or 8).
- Review with BSA the placement of the aerators previously inspected under the 2008 contract.
- Establish with BSA the minimum number of aerators that must remain operational per tank at any one time.
- Establish with BSA a criteria for the number of consecutive shafts that can be out of service.
- Based on the above discussions finalize the targeted aerator shaft locations to be included under this proposed work.

Phase II: Preliminary Design

- Combine RVE's preliminary design and constructability phases by reviewing at the site each targeted aerator shaft location to determine if any other minor work must be addressed for that aerator location such as replacement of the flexible motor conduit.

Phase III: Final Plans and Bid Documents

- Provide direction to the Contractor in the advertised documents to ensure uninterrupted conveyance of the wastewater and identify the removed shaft storage area.
- Provide final drawings and specifications for final Authority review and bid advertisement.
- Update construction cost estimate.

Phase IV: Advertisement/Bid/Contract Generation Phase Services

- Advertise project for bids.
- Provide engineering support during the advertising period to address all questions provided by contractors.
- No prebid meeting is planned, if contractors wish to visit the site an appointment would be made with the Authority.
- Open, review and summarize bids.
- Prepare and obtain endorsed contracts.

Fee Proposal

Work under this proposal ends once the contract documents are fully endorsed by both the awarded contractor and the Authority. A separate construction administration phase proposal will be provided for subsequent work. This proposal is based on a 2020 authorization. Remington & Vernick Engineers' overall proposed fee is as follows:

Phases I-II Concept, Preliminary, and Final Design Engineering Services	\$ 21,200.00
Phase III: Advertisement, Bidding, & Contract Generation Services	\$ 2,600.00
<hr/>	
Total RVE Requested Not to Exceed Fee	\$ 23,800.00

The fee request does not include the following:

- Permit fees.
- Newspaper advertising fees.
- Any work beyond contractor contract finalization.
- Any survey work.
- Project re-bidding.

We trust the information provided meets your requirements. Should you have any questions or require additional information, please do not hesitate to contact Richard B. Czekanski in our Haddonfield office.

Sincerely,
REMINGTON & VERNICK ENGINEERS



By
Edward Vernick, P.E., C.M.E.
Chairman