

RESOLUTION 2025-089

**AUTHORIZING THE AWARD OF A CONTRACT
WITH A COST IN EXCESS OF \$53,000.00
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	\$136,300.00

for the goods or services set forth below:

Engineering design, permitting, advertisement, bid, and contract endorsement phase services for the Wellington Woods Pump Station.

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

Wellington Woods Pump Station Modifications to convert from a self-priming type pump station to a submersible type pump station.

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 July 2025 that the aforesaid contract for the professional services described above be and the same is hereby awarded to: **Remington & Vernick Engineers not to exceed the amount of \$136,300.00.**

THE BORDENTOWN SEWERAGE AUTHORITY

By: M. Ellen Gulbinsky
M. Ellen Gulbinsky, Chairwoman

Attest:

Aneka Miller
Aneka Miller, 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.

Anthony T. Drollas, Jr.
Anthony T. Drollas, Jr., 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, permitting, advertisement, bid, and contract endorsement phase services for the Wellington Woods Pump Station.
CONTRACTOR:	Remington & Vernick Engineers
CONTRACT AMOUNT:	\$136,300.00
BUDGETARY LINE ITEM:	02-004-7642

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

07/21/2025
Date



Elizabeth J. Kwelty
Certifying Finance Officer

Special situations (check all that apply):

 A.) The Authority is operating under a temporary budget and:

- 1. the full cost of the contract is certified against the temporary budget; or
- 2. only the pro rata amount of the contract is charged against the temporary budget and the contract contains a clause making its continuation past the date subject to a further appropriation of sufficient funds.

 B.) This contract is an open-ended contract for goods at a unit price up to a maximum amount and:

- 1. the full maximum amount permitted by the contract is being certified; or
- 2. the amount of the purchase shall be certified at the time that such goods are ordered by attaching the certificate of availability to the file copy of the purchase order.

 C.) This 12-month contract does not coincide with the fiscal year and:

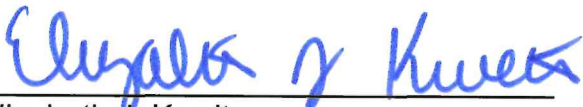
- 1. the full cost of the contract is hereby certified against the budget of the year in which the contract is awarded; or
- 2. the amounts for which liability is to be incurred is hereby certified against the two respective budgets at this time.

 X D.) This is a multi-year contract and:

- X 1. this contract is for construction and related services and the full amount of the contract is hereby certified to the current budget; or
- 2. this is not a construction contract, and the availability of funds will be certified to the respective budgets at the time that the goods or services are ordered.

07/21/2025

Date


Elizabeth J. Kwelty
Certifying Finance Officer



**REMINGTON
& VERNICK
ENGINEERS**

RVE HQ:
2059 Springdale Road
Cherry Hill, NJ 08003
O: (856) 795-9595
F: (856) 795-1882

July 15, 2025

Mr. Charles Bluhm, Jr., Executive Director
Bordentown Sewerage Authority (BSA)
954 Farnsworth Avenue, P.O. Box 396
Bordentown, NJ 08505

**RE: Bordentown Sewerage Authority
Wellington Woods Pump Station Modifications
Conversion of Self – Priming Type Pump Station to a Submersible Type
Proposal for Design/Permitting/Advertisement/Bid/Contract Endorsement Phase Services
Klein Drive, Bordentown Township Site**

Dear Mr. Bluhm:

REMINGTON & VERNICK ENGINEERS (RVE) is pleased to present this proposal for providing engineering design, permitting, advertisement, bid, and contract endorsement phase services for the Wellington Woods Pump Station Modifications. A subsequent proposal will be provided for the construction administration/inspection work.

The existing pump station is a 28' deep underground structure with the lower 20' being a 6 feet diameter precast reinforced concrete wet well with a 9' high, 6'10" diameter steel dry well mounted on top of the wet well. The top 12 to 15 inches of the dry well extend above grade. The dry well contains the pump station control panel and two self-priming pumps that discharge into a 6 inch diameter force main that extends into Klein Drive. The existing pump station site possesses an emergency generator. The current site is relatively level with Klein Drive as several feet of fill was provided when the pump station was constructed in the early 1990's to raise the site above the surrounding ground that slopes towards a branch of the Crosswicks Creek. Photos of the existing facility are attached.

The proposed modification is to remove the steel dry well containing the pumps and controls and replace this section with additional sections of precast reinforced concrete wet well sections. Within the extended wet well will be two submersible pumps. The discharge piping for each pump will extend into an adjacent new valve chamber containing a check valve and plug valve for each pump. The location for a permanent bypass connection will be determined during design as the site has dimensional limitations. Also on the site will be both a new generator and new pump controls each located on an above grade concrete pad. A second double swing gate will be incorporated into the design for access to the generator/control panel portion of the site where these items currently exist.

To accomplish the site modifications, directly in front of the pump station site, Klein Drive will have to be closed for approximately a 60 consecutive calendar day duration in order to collect and pump the incoming pump station flow while the site modifications are ongoing. BSA representatives have already informed the Township police department regarding this condition.

From past projects contractors were not permitted to park their equipment within the Township right of way. A material/storage area needs to be established.

To accomplish the pump station modifications RVE is presenting the following scope of work:

SCOPE OF WORK

Survey

- From an initial study of the site a topographic survey has already been generated. To supplement this drawing, for tasks such as additional elevation information, one day of field survey work is included.
- For entire site access prepare a legal description for a proposed construction easement along with an exhibit plan for the surrounding Township property.

Design Development

- Provide a site plan and any pertinent section views to the BSA for review and comment at the 30 % and 60 % design development milestones.
- Develop a temporary force main bypass connection which will be utilized until the new pump station is operational. The Township is planning to surface pave Klein Drive in 2025. RVE had recommended to Turek Consulting (Township Engineer) to leave a 200' gap in front of the pump station to accommodate the force main bypass. RVE will follow-up with Turek Consulting on the Klein Drive resurfacing schedule.
- Develop demolition plans to show the removal of all items from the wet well interior and the underground dry well. Include removal of the electrical panel board and the emergency generator.
- Coordinate with the electric utility for a new service, if needed.
- Design a vertically extended wet well with associated valve chamber. Wet well will contain two submersible pumps. Typically, submersible pump motors are continually submerged during a pumping cycle. However, due to limited vertical wet well space between the influent pipe invert and the wet well bottom the submersible pumps will possess the feature that allows the motor to be exposed during a pumping cycle thereby providing additional vertical wet well pumping volume. If dimensions allow an influent grinder will be provided within the wet well. If a grinder is not feasible a narrow screening basket will be provided. Upon the force main exiting the valve chamber a permanent connection to the existing force main will be provided.
- Design either within the valve chamber or buried outside the valve chamber due to space restrictions a permanent wet well bypass connection for pumping from the Klein Drive manhole. No new manhole will be provided behind the curb due to the extreme depth of the influent sanitary sewer main and the presence of electrical transformers just in front of the pump station fence.
- Design a new precast reinforced concrete top slab for the wet well which will be 6 to 18 inches above the existing grade with suitably sized access doors for removal of the pumps and grinder/screening device. Provide pump/grinder/screen lifting devices.
- Design a new diesel fueled generator with fuel tank below on an above grade concrete pad. The existing generator can be sold by the BSA. Due to the wet well depth the inclusion of an above grade standby pump is not feasible since the wet well depth is beyond the standard suction lift capabilities of this type of pump.
- Provide a wet well vent.

- Provide a new chain link fence system with attached screening. Provide two vehicle swing gates and one pedestrian gate. Provide new driveway starting from behind the curb for the swing gates to the north.
- Provide submersible pump (i.e. over temperature; wet motor) alarms and generator alarms to be transmitted to the BSA via a cell phone device located within the control panel.
- Provide one pole mounted site light that operates on a photocell.
- Provide a stainless steel control panel with an attached air conditioning unit. If permitted by the electric utility, the submersible pumps will be operated by across the line starters. The level within the wet well will be identified by a Gorman Rupp bubbler system.
- Potable Water Source: As decided for the Bywater Pump Station no potable water source is proposed for the site.

Permitting

- Wetlands Buffer: A pump station site footprint wetlands submission is currently under review by the NJDEP. It has been established by the NJDEP that the wetlands buffer is 50 feet thereby not having any effect on the pump station site which is beyond 50' from the wetlands line. Minor NJDEP coordination time is included.
- Flood Hazard Elevation Verification: Based on the Task 1 work performed under RVE's January 14, 2025 proposal RVE established the flood hazard elevation plus 2' buffer is below the pump station site elevation. RVE's findings must be approved by the NJDEP. To obtain NJDEP's Flood Elevation Verification Permit RVE will submit a permit application as identified as Task 4 in RVE's January 14, 2025 proposal which require the following tasks:
 - Application Form
 - Property Owner Certification
 - Public Notice Form
 - Public Notices by Certified Mail: Notices to the municipal clerk, government entities, and property owners
 - Topographic and project plans with the delineated flood hazard area with a metes/bounds description of the flood hazard line in the immediate vicinity of the pump station site. .
 - Photographs of site and stream.
 - Engineering report documenting calculations.

NJDEP Flood Verification Application Fee for Flood Hazard Task 1 Work Transmittal: \$1,000
(to be provided by BSA)

- TWA: Prepare and submit a NJDEP Treatment Works Application. Treatment Works Permit Application Fee payable by the BSA is based on the proposed construction cost which will be determined by RVE at a later date.
- Planning Board Reviews: RVE will provide a courtesy copy to the Bordentown Township planning board. For Burlington County since there is no County frontage and the lot is less than an acre a courtesy submittal will be made with an exempt request included.

- Burlington County Soil Erosion: RVE will apply for the permit which is triggered at 5,000 square feet of land disturbance due to construction vehicle disturbance around the site. However, RVE is not including in this proposal the calculation of storm water runoff due to the small area of the project.

Final Plans and Bid Documents

- Complete wastewater, electrical and structural design for proposed facilities including specifications.
- Provide direction to the Contractor in the advertised documents to ensure uninterrupted conveyance of the wastewater and identify possible Contractor storage area.
- Provide final drawings and specifications for final BSA review prior to bid advertisement.
- Include in final documents the Authority's comments.

Advertisement/Bid/Contract Endorsement 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.

COST OF SERVICES

Work under this proposal ends once the contract documents are fully endorsed by both the awarded contractor and the BSA. A separate construction administration phase proposal will be provided for subsequent work. Remington & Vernick Engineers' overall proposed fee is as follows. Fees are presented as lump sum to be billed monthly based upon percent complete.

• Survey, Design Development, TWA/County/Local Permitting, Final Plans & Bid Document Preparation.	\$ 120,500.00
• Wetlands Buffer NJDEP Coordination and NJDEP Flood Elevation Verification Permit Application Work.	\$ 10,000.00
• Advertisement, Bidding, & Contract Endorsement Services.	\$ 5,800.00

Total Lump Sum Fee	\$ 136,300.00
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Requested fees from one above category may be required to be transferred to another category in order to complete the project.

EXCLUSIONS

The fees requested do not include the following:

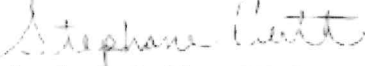
- Permit/planning board fees and escrows.
- Construction stakeout, title reports, dedications, or subdivision work.
- Newspaper advertising fees.

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Bordentown Sewerage Authority
Wellington Woods Pump Station Modifications

- Any work beyond contractor contract finalization.
- Project re-bidding.
- Any work related to NJDEP environmental compensation.
- Any additional permitting work not included within this proposal.
- Any geotechnical work.
- Various exclusions listed previously in this proposal under the Work topic.

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 Cherry Hill office.

Sincerely,
REMINGTON & VERNICK ENGINEERS



Stephanie Cuthbert, PE, CME
Principal & Executive Vice President of the Water/Wastewater Division