

RESOLUTION NO. 2020 - 151

A RESOLUTION AUTHORIZING AWARD OF A CONTRACT TO WATER REMEDIATION TECHNOLOGY, LLC (WRT), WESTMINSTER, CO, FOR REMOVAL, DISPOSAL, AND RECHARGE OF RADIUM REMOVAL MEDIA AT WELL #5, IN AN AMOUNT NOT TO EXCEED \$365,710.00.

WHEREAS, there exists a need for Removal, Disposal, and Recharge of Radium Removal Media at Water Utility Well #5; and

WHEREAS, the City of Vineland has a need to acquire such service as a Non-Fair and Open Contract pursuant to N.J.S.A. 19:44A-20.5; and

WHEREAS, the purchasing agent has determined and certified in writing that the value of said services will exceed \$17,500.00; and

WHEREAS, the Director of Municipal Utilities has recommended that a contract be awarded to Water Remediation Technology LLC (WRT), Westminster, CO for said services in an amount not to exceed \$365,710.00; and

WHEREAS, WRT has completed and submitted a Business Entity Disclosure Certification for Non-Fair and Open Contract which certifies that WRT has not made any reportable contributions to a political or candidate committee in the City of Vineland in the previous one year and that the contract will prohibit WRT from making any reportable contributions through the term of the contract to a political or candidate committee in the City of Vineland; and

WHEREAS, the availability of funds for said contract to be awarded herein have been certified by the Chief Financial Officer; and

WHEREAS, the City of Vineland has certified that this meets the statute and regulations governing the award of said contracts.

NOW THEREFORE BE IT RESOLVED, by the Council of the City of Vineland that:

1. The Purchasing Agent be and the same is hereby authorized to issue contract to Water Remediation Technology LLC (WRT), Westminster, CO, for Removal, Disposal, and Recharge of Radium Removal Media at Well #5, in an amount not to exceed \$365,710.00.
2. That the Business Disclosure Entity Certification, the Political Contribution Disclosure Form and the Determination of Value be placed on file with the Resolution.
3. Notice of this action shall be printed once in the Daily Journal.

Adopted:

President of Council

ATTEST:

City Clerk

**REQUEST FOR RESOLUTION FOR CONTRACT AWARDS
UNDER 40A:11-5 EXCEPTIONS
(PROFESSIONAL SERVICES, EUS, SOFTWARE MAINTENANCE, ETC)**

RECEIVED
MAR 05 2020
CITY OF WASHINGTON
1200 1ST ST NW
WASHINGTON DC 20004

3-04-2020

(DATE)

1. Service (detailed description): Remove Spent Media from treatment vessels, remove media from site and replace in treatment vessels new media WRTZ-88-Well #5

2. Amount to be Awarded: \$ 365,710.00

- Encumber Total Award
 Encumber by Supplemental Release

3. Amount Budgeted: \$ 365,710.00

4. Budgeted: By Ordinance No. _____
Or Grant: Title & Year _____

5. **Account Number to be Charged: 0-07-55-512-8002-52000-W315


6. Contract Period: _____

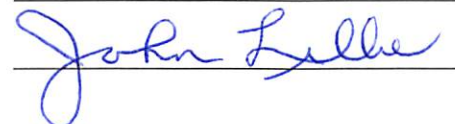
7. Date To Be Awarded: 3-24-2020

8. Recommended Vendor and Address: WRT- LLC- 901 West 116th Ave-Suite 400
Westminster CO 80234

9. Justification for Vendor Recommendation:(attach additional information for Council review)
WRT LLC is the only vendor that can provide Radium Removal Media
WRTZ-88 for the Water Utility Well #5. Other media has been tried, but was
found to be less cost efficient and used more product than the WRTZ-88 Media.


- Non-Fair & Open (Pay-to-Play documents required)
 Fair & Open: How was RFP advertised? _____

10. Evaluation Performed by: Mike Lawler 

11. Approved by: John Lillie


12. Attachments:

- Awarding Proposal
 Other: Scope and Quotation Attached

- Send copies to:
Purchasing Division 
Business Administration

** If more than one account #, provide break down



March 22, 2020

Mr. Michael S. Lawler
The City of Vineland
330 Walnut Avenue
Vineland, NJ 08360

Subject: Well #5 – Proposal for Removal, Disposal, and Recharge of Radium Removal Media

Dear Mike:

First and foremost, thank you for the opportunity to provide this proposal for the removal, disposal, and recharge of radium removal media at the Well #5 site. It is greatly appreciated.

General Discussion

From the total throughputs provided (1,144,992,700 gallons for Vessel #1 and 1,120,635,500 gallons for Vessel #2), and based on a raw water Combined Radium level of 6.5 pCi/L, it is estimated that the current media activity is approximately 4,500 pCi/g. If the media activity level is that high, the spent media must go to a disposal site permitted to accept an activity of greater than 1,500 pCi/g.

From an operational standpoint, the radium removal wave of the media is nearing the bottom of the vessels and could break through at any time. If that is the case and the removal wave does break through, the system will quickly be out of compliance.

This proposal is based on a direct exchange of our Z-88® radium removal media with the current Z-88® media. The system will continue to operate in the current parallel, split flow and in a downflow manner, complete with the prefiltration.

Discussion of WRT Media Exchange Offering

WRT will provide the following materials and services under this proposal:

- Remove approximately 540 cubic feet of existing spent media from the (2) treatment vessels at the Well #5 site. The existing media is WRT Z-88®.

CLEAN WATER. CLEAN EARTH. THAT'S OUR PROMISE®





- Dewater media for transportation.
- Utilize appropriate U.S. DOT - approved packaging (packaging is determined by final media characterization and disposal site) and prepare for shipment to disposal site.
- Arrange for transportation of spent media to disposal site by appropriately permitted carrier.
- Perform a radiation contamination site survey of the immediate area involved in the spent media removal, at the completion of the operation.
- Disposal of the existing spent Z-88® treatment media in this proposal is based on a media loading of greater than 1,500 pCi/g.
- Provide Radiation Safety Officer services for media handling during this exchange.
- Prepare chain of custody shipping documentation for spent media.
- Provide copies of the final media disposition paperwork.
- Install approximately 540 cubic feet of WRT Z-88® radium removal media into existing treatment vessels at the Well #5 site. Customer assumes all responsibility for media performance.
- Disinfection of vessels containing new treatment media upon installation.

The City of Vineland will be responsible for the following:

- Provide access to the site as required for the work specified.
- Make the water treatment system available for the work specified.
- The retrofitted system will continue to operate under Vineland's existing NJ DEP Radioactive Materials License.
- Provide a method or location for release of rinse water during media installation.
- Provide utilities to operate system.
- All drinking water permitting and approvals if required.
- Perform any laboratory testing of the existing spent media required to comply with the media characterization / waste acceptance criteria of the disposal site.
- All taxes and fees that may apply.

Conditions of WRT Proposal

This proposal is based upon the following conditions. Any change in these conditions will result in a price adjustment for the work specified.





- Spent or used treatment media remains the property and liability of the City of Vineland. The City of Vineland will be required to sign as the shipper of record for transportation of the spent media to the disposal site.
- This proposal is based solely upon the radium media loading as stated above. Any change in media handling, packaging, transportation or disposal based upon the media characterization may result in WRT revising this proposal and costing accordingly.
- This proposal is based upon removal of approximately 540 cubic feet of treatment media from the (2) vessels at the Well #5 site. If additional volume or material is removed and/or added to shipment, additional costs will apply.

Payment Terms

WRT shall invoice the City of Vineland as follows:

- 10% upon acceptance of proposal and receipt of exchange procedures / drawings
- 80% upon completion of work
- 10% upon receipt of documentation of disposal site acceptance of material for disposal

Payment of invoices is due in full within 30 days of the date of the invoice. Any amounts not paid when due will be subject to a finance charge of 1½% per month.

Pricing

Total price for the media exchange work at Well #5 specified in this proposal is based on a representative media activity greater than 1,500 pCi/g.

- Total Cost – Media Activity Greater Than 1,500 pCi/g - \$ 365,710.00

This proposal is based upon today's costs and is valid for a period of 60 days. The Utility is required to provide site access, electrical service and power, if needed. Note that taxes are not included.





NSF Certification

WRT Z-88® Radium Removal Media is certified to NSF Standard 61, for use in potable water treatment.

Mike, again thank you again for the opportunity to provide this proposal and to work with you on this project.

If there are any questions, or I can be of service in any way, please do not hesitate to call.

Sincerely,

A handwritten signature in black ink that reads "Rick Zahnow". The signature is written in a cursive, flowing style.

Rick Zahnow
Water Remediation Technology, LLC

