

COUNTY OF ROCKLAND
Department of General Services
Purchasing Division

Contract Award Notification

Title: **Chemicals-Install & Operate Odor Control System, Furnish Non-Hazardous, Non-Corrosive Chemicals**

Contract Period: **December 1, 2024, through December 31, 2026, w/ (3) 1-year options**

Original Date of Issue: **October 10, 2024**

Date of Revision:

BID No: **RFB-RC-2024-072**

Catalog: **Wastewater Treatment**

Authorized Users: **Sewer District**

Address Inquiries To:

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Title: Purchaser I
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Description

This contract is to install and operate an odor control system

Contract #	Vendor Number	Contractor & Address	Telephone No.
Bid 24-072	0000012449	NRP Group, Inc. 9131 E 37 th St North Wichita, KS 67226 Contact: Gary Morgan gmorgan@nrpgroupinc.com	316-303-0505 CELL: 316-308-0828 FAX: 316-303-0515

COUNTY OF ROCKLAND
DGS – PURCHASING DEPARTMENT
BLDG. A, 6TH FLOOR, 50 SANATORIUM ROAD
POMONA, NY 10970
TELEPHONE NO.: 845-364-3820

VENDOR: NRP Group Inc.

LINE NO.	DESCRIPTION	ITEM NUMBER	ESTIMATED QTY	UNIT	UNIT PRICE	Product Code	EXTENDED PRICE
1	Cost per month to maintain the specified H ₂ S levels. This includes required field service, 24 hour response, monitoring, equipment, installation, and chemicals.	88576300002	12	MONTH	\$ 12,389.00	NRP10-1000 (Bio-Kat)	\$ 148,668.00
2	Cost per month to maintain additional sites as specified by the District at the specified H ₂ S levels. This includes required field service, 24 hour response, monitoring, equipment, installation, and chemicals	885763	6	MONTH	INCLUDED IN ITEM NUMBER 1		
3	Cost per month for miscellaneous additional equipment, including but not limited to carbon adsorber cannisters/carbon vent filters, as may be required to enhance Odor control treatment at additional sites as specified by the District. This includes required field service, 24 hour response, monitoring, equipment, installation and chemicals	885763	6	MONTH	INCLUDED IN ITEM NUMBER 1		

Upon receipt of all required approvals a Contract shall be deemed executed and created with the successful Bidder(s) upon the Commissioner's mailing or electronic communication to the address on the bid of: (i) a Letter of Acceptance; or (ii) a fully executed contract; or (iii) a Purchase Order authorized by the Commissioner

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PURCHASES BY OTHER

LOCAL GOVERNMENTS, SCHOOL DISTRICTS, AND NON PROFIT AGENCIES

As per the New York State General Municipal Law, all political subdivisions of New York State are allowed to make purchases through the resulting contract(s). As per Rockland County Procurement Policy, Non Profit Agencies approved to participate in New York State's Contract Extension Program are authorized to make purchases through the resulting contract(s).

1. The County of Rockland shall make all contract award information available to other political subdivisions and non profit agencies through our website: **www.rcpurchasing.com**
2. Any other political subdivision or Rockland County non profit agency will issue purchase orders directly to vendors within the specified contract period referencing the County's contract and shall be liable for any payments due on such purchase orders; and shall accept sole responsibility for any payment due.
3. All purchases shall be subject to audit and inspection by the other political subdivisions and Rockland County non profit agencies for which the purchase was made.
4. No officer, board or agency of a county, town, village, or school district shall make any purchase through the County when bids have been received for such purchase by such officer, board or agency, unless such purchase may be made upon the same terms, conditions and specifications at a lower price through the County.
5. All Bidders shall be on notice that as a condition of the award of a County contract, the successful bidder shall accept the award of a similar contract with any other political subdivision in New York State and Rockland County non profit agencies authorized to use New York State's contracts, if called upon to do so. A listing of approved Rockland County non profit agencies is available on the Purchasing Division's website at www.rcpurchasing.com. The County, however, will not be responsible for any debts incurred by the participants pursuant to this or any other agreement.
6. Necessary deviations from the County's specifications in the award of a participant contract, whether such deviations relate to quantities, or delivery points shall be resolved between the successful bidder and the other political subdivisions and Rockland County non profit agencies.

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SPECIFICATIONS

1. NO PRICING SHALL BE SUBMITTED AT THIS TIME.

- 1.1. Bids for the above referenced bid number and title will be received until **3:00 PM** on **September 30, 2024** via electronic bid submission through the **BONFIRE Portal** or at the Rockland County Purchasing Department, at the above address and **at that time** all bids will be publicly opened and read. Specifications and bid forms may be downloaded at: <https://rocklandgov/bonfirehub.com/portal> and/or www.bidnetdirect.com. Please make note that the United States Postal Service does not deliver directly to this facility, however, other overnight couriers DO deliver directly to our facility. It is recommended that proposals be submitted in advance, at least one day prior to the specified date and time to allow for a timely receipt. LATE BIDS will NOT be considered

2. BACKGROUND

- 2.1. Historically the RCSD has treated odors at six pump stations, and in a few gravity lines using in-line (in manhole) dispensers for approximately six months (May to October). However over the last year or two the RCSD has kept the odor control system on for the entire year (12 months) and the number of stations/gravity lines have changed only slightly over the years. Since the system is dynamic the time frame, as well as the number of stations, and gravity lines that will be treated and monitored will change and all decisions regarding these changes will be made by the RCSD over the course of the year/s. The RCSD is currently using Biokat to control the H₂S levels at the treated locations. The annual usage is approximately 8,400 gallons. This quantity is estimated and represents the approximate annual usage, bidder hereby waives claim caused by an increase or decrease in actual quantities used.
- 2.2. The current contract award RFB-RC-2018-048, for the RCSD Odor Control Program expires on November 30, 2024. This contract was awarded on 12/01/2018 for a period of two (2) years with three (3) one (1) year options. All contract option years are exercised by mutual agreement between the County of Rockland and the Contractor. Total contract expenditures as of 05/20/2024 is estimated at \$780,507.00.
- 2.3. The total estimated annual expenditures based on the current contract is \$154,068.00.

3. SITE VISIT

- 3.1. A pre-bid meeting is scheduled on **June 4, 2024, 10:00AM** at the RCSD wastewater treatment plant facility, 4 Route 340, Orangeburg, NY 10962.
- 3.1.1. Each bidder shall inform himself fully of the conditions relating to the contract and is encouraged to visit the site. The site visit will be conducted following the scheduled pre-bid meeting.
- 3.1.1.1. This site visit shall be coordinated with Mr. Yuri Hlovatsky, at 845-365-6111 at the RCSD. Bidder must perform as specified whether or not he visits the site.

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4. MANDATORY REQUIREMENTS

4.1. PERFORMANCE TEST

- 4.1.1. All potential bidders shall conduct a performance test (with the exception of those that have already performed a test for the RCSD in the past and the RCSD has approved the use of their product) using the product and system to be provided in their proposal. All testing shall be performed at no cost to the RCSD.
- 4.1.2. All vendors wishing to schedule a performance test shall complete the performance request form (separate attachment) and email to purchasing@co.rockland.ny.us, Attn: Ann Marie Curley, NIGP-CPP, CPPB.
- 4.1.2.1. All requests to conduct a performance test shall be made no later than **June 14, 2024, 5:00 PM**.

4.2. TESTING REQUIREMENTS

- 4.2.1. All potential bidders (with the exception of those that have already performed a test for the RCSD in the past and the RCSD has approved the use of their product) will be scheduled to perform a 21 day (approximately) test which includes a maximum of 28 day (at the discretion of the District) monitoring to be coordinated with RCSD personnel described as follows. Vendors may test (1) “Non-Hazardous Odor Control – Non-Corrosive” product during the full scale test.
- 4.2.1.1. The following chemicals have already been tested and are approved by RCSD to control Hydrogen Sulfide (H₂S), no further testing shall be required for these chemicals:
- 4.2.1.1.1. Biokat
- 4.2.1.1.2. Bioxide
- 4.2.1.1.3. Econox Plus
- 4.2.2. RCSD plant personnel will conduct the field testing with the vendor’s representative. The representative must be knowledgeable and experienced with the product usage with raw sewage because the criteria for the testing, dosage rates, computations, etc. are the responsibility of the vendor’s representative.
- 4.2.3. Generally the testing period will run 24/ 7 for approximately 1 month (flexible time-frame depending on conditions). In general during the first week H₂S monitoring will be done without injection of product. Thereafter, product will be injected and H₂S will be continuously monitored. The testing may be reduced or extended as circumstances and testing dictate.
- 4.2.4. The Non-Hazardous Odor Control – Non-Corrosive product dosage will be computed using the average amount of product dosage over the 1 month testing period. Effectiveness of the product will be determined by the existing odor control monitoring equipment and observations by the RCSD staff.

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4.2.5. The RCSD will be the sole judge of the Non-Hazardous Odor Control – Non-Corrosive product's effectiveness using the data collected from the odor monitors and the dosage rate. The RCSD will also determine the amount of time needed for the field test.

4.2.6. The vendor must conduct the entire test and coordinate with the RCSD. The vendor must supply sufficient Non-Hazardous Odor Control – Non-Corrosive product to the RCSD and any hoses, tanks, pumps, meters, connector controls, appurtenances, etc. they feel necessary to make a complete working system at no cost to the RCSD. All materials the bidder supplies for the test must be removed from the pump station within three days of the test completion unless otherwise instructed by the RCSD.

5. ODOR CONTROL LOCATIONS

5.1. This specification will establish a term contract to control H₂S levels utilizing a non-hazardous non-corrosive odor control chemical to control H₂S at the following pump stations.

- North Centenary
- Union Hill
- Twin Lakes
- Tallman
- Saddle River
- Pascack
- North Centenary
- Conklin
- Mahwah
- Saddle River
- Union Hill
- Pinebrook, and Cherry Lane

5.2. The non-hazardous non-corrosive odor control chemical shall be added on an as needed basis. Depending on the chemical properties the Bidder may choose to inject the chemical at an upstream pump station to control odors at the downstream pump station as follows:

Pump Station with Odors

- North Centenary
- Union Hill
- Twin Lakes
- Tallman
- Saddle River
- Pascack

Upstream Pump Station

Conklin
 Mahwah
 Saddle River
 Union Hill
 Pinebrook, and Cherry Lane
 None

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- 5.3. It is also acceptable to use a non-hazardous non-corrosive odor control chemical that does not require upstream injection.
- 5.4. The RCSD, requires that the chemical system be used during winter months therefore the non-hazardous non-corrosive odor control chemical must not freeze or precipitate from solution as a result of winter temperatures observed in Rockland County, New York. The Contractor shall make appropriate storage considerations in order to meet this requirement. The Contractor must keep accurate monthly usage records of chemical and a report on usage by month must be provided upon request by an authorized representative of RCSD.
- 5.5. In addition to the treatment sites identified in 5.1 and 5.2, the District may add odor control locations, based upon collection system requirements. The Contractor shall provide per location unit pricing for this service, as requested by the District, for collection system treatment beyond those covered by section 6.3.

6. PRODUCT SPECIFICATIONS

- 6.1. Contractor will sell, furnish and supply to the RCSD a non-hazardous non-corrosive odor control product (including chemical delivery system) capable of reducing existing H₂S levels down to near non-detectable levels and maintain these levels consistently while effectively eliminating all odors produced by raw sewage. On a consistent basis the pumping station applications must keep H₂S to an average of 0 ppm with a maximum peak of less than 5 ppm. Product must be non-hazardous and non-corrosive as in accordance with all Local, State and Federal regulations, which are applicable. A Safety Data Sheet (SDS) for the proposed chemical shall be submitted to the RCSD as part of this bid.
- 6.2. The pump station force main information and the flow rates at the pump stations requiring treatment are presented on Table 1 and Table 2 in Appendix B (separate attachment). The information provided in these two tables is for information purposes only. It is expressly understood by the Bidder that the RCSD will not be responsible for interpretations or conclusions drawn from this provided information.
- 6.3. In addition, certain small areas within the collection system may also require treatment such as gravity lines feeding into the pump stations requiring treatment. It is currently estimated that 5 dispensers (small canisters) may be needed to treat gravity lines leading into pump stations. Contactor must be able to install and maintain systems in manholes to treat these additional areas.

7. DELIVERY INFORMATION/SYSTEM MAINTENANCE

- 7.1. All labor and equipment for install (including freight) must be included. This includes continuous H₂S monitoring using either Sensilogers or Odalogs for continuous H₂S monitoring in collection system. Data must be supplied biweekly to RCSD, and within 5 days of conclusion of the performance test period.
- 7.2. All servicing of product and equipment must be included.

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- 7.3. Full service, 24-hour response must be included but not limited to addressing odors and odor complaints.
- 7.4. The product must be deliverable to the pump stations in 55 gallon drums and/or 275 gallon totes for “as needed” delivery to various pump stations throughout the RCSD. In addition, smaller dispenser must also be available as needed to be installed in manholes to treat gravity lines feeding into pump stations.
- 7.5. Vendor shall supply the product, as needed. Product will be delivered to stations where it is being injected. Deliveries are to be made between 8:00AM and 2:00 PM Monday through Friday. Contractor must contact RCSD personnel at least 24 hours prior to any delivery or set up a delivery schedule with RCSD personnel.

8. SITE CONDITIONS

- 8.1. A Site plan of each of the pump stations is provided in Appendix B (separate attachment). The available footprint for the chemical odor control system is shown on each drawing.
- 8.2. A detailed description of the proposed chemical odor control system must be submitted as part of this bid. The system design must be approved by RCSD.
- 8.3. The location of the chemical odor control system must not interfere with RCSD operations. The proposed location for the chemical odor control system must be approved by the RCSD prior to installation.
- 8.4. The RCSD will be responsible for providing water and electricity at the site. The bidder must provide all necessary electrical and water connections that their equipment requires.

9. EXPERIENCE

- 9.1. Bidders shall provide a minimum of one (1) reference where the proposed product and system was used. The referenced facility should be of similar size of RCSD and the product must have achieved the specified requirements during the odor control program season ((see Bidder’s Qualification Statement and Certificate of Experience).
- 9.2. Bidder shall show proof of their ability to supply the labor, material and equipment to sustain the odor control program for the RCSD (see Certificate of Equipment Form).

10. ON-CALL MONITORING SERVICES

- 10.1. The on–call monitoring services includes, but is not limited to:
 - 10.1.1. Dissolved Sulfide (mg/L)
 - 10.1.2. Atmospheric Hydrogen Sulfide (ppm)
 - 10.1.3. Wastewater Temperature and pH value
 - 10.1.4. 24-Hour Atmospheric Hydrogen Sulfide Monitoring

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11. PRICING

- 11.1. The price per month for a complete odor control program shall be indicated on the proposal page.
- 11.1.1. Price shall include all equipment including on-site Hydrogen sulfide meters, full service 24/7 on- call response, and all non-hazardous, non-corrosive chemicals needed to insure that the hydrogen sulfide level in the system does not exceed an average of 0 ppm and a peak of 5 ppm at any time.
- 11.2. All quantities listed on the proposal pages are estimates.
- 11.2.1. RCSD shall authorize payment for actual quantities used.

12. CONTRACT PRICE ADJUSTMENTS UPON RENEWAL

- 12.1. The County recognizes this product or service has a price component that may have a commodity with changing costs. The Contractor/Supplier may request a Price Adjustment no more frequently than once each 12 month term.

A Price Adjustment request must be made in writing and include the reason for the request, documentation supporting the request (ie, commodity increases), the current pricing, and the requested revised pricing.

The County will review the Price Adjustment request. If the Price Adjustment is deemed reasonable the Price Adjustment request will be accepted by written acknowledgement. If the request is not accepted the County may entirely reject the request or may counter with revised pricing. In either case the County will provide a written explanation in support of the decision.

The Director of Purchasing may use available indexes (e.g. CPI or PPI) to determine if the requested Price Adjustment is reasonable. Typically, a Price Adjustment that exceeds 5% will not be approved unless very unusual and significant changes have occurred in the industry.

In the event industry costs decline, the County shall have the right to receive, from the Contractor, a reasonable reduction in prices/pricing that reflect such cost changes in the industry. The County will make a written request to the Contractor for a Price Adjustment in writing with supporting documentation.

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13. AWARD

- 13.1. This bid shall be awarded to the lowest responsible, responsive bidder meeting the stated requirements and a having completed a successful trial of the offered product.
 - 13.1.1. The low bidder accepted, for an award, is contingent on a successful trial to be performed in accordance with these specifications.
- 13.2. The Contractor shall be advised, that at any time their system fails to keep the H₂S to an average of 0 ppm with a maximum peak of less than 5 ppm, they will be notified and required to investigate and rectify the reasons for same within **24 hours**. Failure to maintain the H₂S to an average of 0 ppm with a maximum peak of less than 5 ppm may result in termination of your award of this bid, at which time the RCSD may review and may award the balance of the contract to the 2nd lowest, responsive responsible bidder.