

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, 2018 through November 30, 2020 with 3 one-year options,
**Extend through November 30, 2021 with 2 one-year options,
Extend through November 30, 2022 with 1 one-year option**

Original Date of Issue: December 1, 2018

Date of Revision: **October 19, 2021**

BID No: **RFB-RC-2018-048**

Catalog: **Wastewater Treatment**

Authorized Users: Sewer District

Address Inquiries To:

Name: Ann Marie Curley, CPPB
Title: Assistant Director of Purchasing
Phone: 845-364-3698
Fax: 845-364-3809
E-mail: curleya@co.rockland.ny.us

Description

This contract is to install and operate an odor control system

Contract #	Vendor Number	Contractor & Address	Telephone No.
Bid 18-048	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

Chemicals – Install and Operate Odor Control System, Furnish Non-Hazardous, Non-Corrosive Chemicals

REVISED/ADDENDUM # 2

COUNTY OF ROCKLAND
DGS – PURCHASING DEPARTMENT
BLDG. A, 2ND FLOOR, 50 SANATORIUM ROAD
POMONA, NY 10970
TELEPHONE NO.: 845-364-3820
FAX NO.: 845-364-3809

LINE NO.	DESCRIPTION	ITEM NUMBER	ESTMATED QUANTITY	UNIT	UNIT PRICE	VENDOR
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	NRP GROUP, INC.
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	NRP GROUP, INC.
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	NRP GROUP, INC.

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**Chemicals – Install and Operate Odor Control System,
Furnish Non-Hazardous, Non-Corrosive Chemicals**

RFB-RC-2018-048

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. THIS SOLICITATION IS A MULTI-STEP BIDDING PROCESS

1.1. SCOPE OF WORK

- 1.1.1. The scope of this bid is to provide a complete odor control program to the Rockland County Sewer District No. 1. (RCSD) Provide all labor, material and equipment to install and maintain the odor control program.
- 1.1.2. The purpose of the program is to reduce Hydrogen Sulfide (H₂S) levels to sufficiently control odors and corrosion at established control points within the RCSD. The odor control system shall provide H₂S control within the following established guidelines.
- 1.1.3. 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.

- 1.2. **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 in accordance with §5.0. The bidder must conduct the entire test and coordinate with the RCSD. The bidder 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 without charge for the field test. 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. The cost of these items shall be considered as included in the price bid for this contract. Therefore, they are furnished at no cost to the RCSD.**

- 1.2.1. 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.

1.2.2. NO PRICING SHALL BE SUBMITTED AT THIS TIME.

- 1.2.2.1. **UNIT PRICING SHALL BE RECEIVED UNTIL 3:00PM ON: September 13, 2018** at the Rockland County Purchasing Department at the above address by those bidders who have completed a Performance Test and can successfully meet the requirements of these bid specifications.

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

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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-2012-025, for the RCSD Odor Control Program expires on November 30, 2018. This contract was awarded on 12/01/2013 for a period of one (1) year with four (4) one (1) year options. All contract option years are exercised by mutual agreement between the County of Rockland and the Contractor. Total contract expenditures to date as of 04/02/2018 is estimated at \$621,513.75.**

2.3. The total estimated annual expenditures against the current contract is \$122,265.00.

3. SITE VISIT

3.1. A pre-bid meeting is scheduled on **May 9, 2018, 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 Ms. Joan Roth 845-365-6111 at the RCSD. Bidder must perform as specified whether or not he visits the site.

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 request form on page 13 and email to purchasing@co.rockland.ny.us or fax to 845-364-3809, Attn: Ann Marie Curley, CPPB.

4.1.2.1. All requests to conduct a performance test shall be made no later than May 18th, 2018, 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 30 day (approximately) test which includes a maximum of 30 day 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

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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.
- 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

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- 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

Upstream Pump Station

- | | |
|---|---|
| <ul style="list-style-type: none"> • North Centenary • Union Hill • Twin Lakes • Tallman • Saddle River • Pascack | <ul style="list-style-type: none"> Conklin Mahwah Saddle River Union Hill Pinebrook, and Cherry Lane None |
|---|---|

- 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 Bidder shall make appropriate storage considerations in order to meet this requirement.

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.
- 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 at 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 Certificate of Experience Form).
- 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

11. PRICING

- 11.1. The price per month for a complete odor control program shall be indicated on the proposal page.

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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 proposed rate shall remain firm through the first contract period with no price adjustments allowed.

12.1.1. If the RCSD exercises any of the option years of the contract, Contractors may submit a request for adjustment on the yearly anniversary date of the contract.

12.1.1.1. Any and all price adjustments shall be made on the basis of the Producer Price Index (PPI) for chemicals and allied products WPU06 for the preceding 12 months as published by the U.S. Department of Labor, Bureau of Labor Statistics.

12.1.1.2. Detailed documentation, to include a comparison list of the contract items and proposed price increases, must be submitted to support the requested increase.

12.1.2. Any request for price adjustment(s) shall be submitted thirty (30) days in advance of the anniversary date in writing to the Director of Purchasing. The Director of Purchasing reserves the right to reject any request for price increase deemed excessive.

13. AWARD

13.1. This bid shall be awarded to the lowest responsible, responsive bidder based on the total extended cost submitted for Item #1 of the proposal page.

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.

DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION

Dr. Robert L. Yeager Health Center
50 Sanatorium Rd, Building A
Pomona, New York 10970
Phone: (845) 364-3820 Fax: (845) 364-3809
Email: purchasing@co.rockland.ny.us

Paul Brennan, CPPO
Director of Purchasing

ADDENDUM # 1

RFB-RC-2018-048
Odor Control Equipment and Chemical

The information in this addendum supersedes any contradictory information set forth in the contract documents. Acknowledge receipt of this addendum in the space provided on the signature page of the bid proposal. Failure to do so, may subject the bidder to disqualification. This addendum forms a part of the contract documents.

- **The current product usage report has been uploaded as a separate attachment.**
 - **Usage information was provided by the current contractor NRP.**
- **The deadline to request a Performance Test has been extended until June 6, 2018 5:00PM – see attached request form.**

SIGNED:

Paul J. Brennan

PAUL J. BRENNAN, CPPO
DIRECTOR OF PURCHASING

ADDENDUM

5/25/18

DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION

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Director of Purchasing

ADDENDUM # 2

**RFB-RC-2018-048/
Odor Control Equipment and Chemical**

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Please see the following additions/revisions/clarifications regarding the above referenced project:

• **Please add the following section to the specifications on page 9:**

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.

• **Please utilize the attached, revised proposal pages, which include additional items, when submitting your bid.**

SIGNED:

Paul J. Brennan

**PAUL J. BRENNAN, CPPO
DIRECTOR OF PURCHASING**

ADDENDUM
8/2/18

Chemicals – Install and Operate Odor Control System, Furnish Non-Hazardous, Non-Corrosive Chemicals

VENDOR: _____

REVISED/ADDENDUM # 2

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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		
4	TOTAL EXTENDED PRICE			TOTAL		
5	TOTAL EXTENDED PRICE WRITEN OUT IN WORDS	_____				

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

Print Name: _____
 Name of person responsible for this solicitation

By signing this solicitation, I acknowledge that I have downloaded, read, and accept Appendix A - General Terms and Conditions for this solicitation

I acknowledge the receipt of _____ addendums

Signature: _____

Email Address: _____

Direct Phone Number: _____

Fax Number: _____

Date: _____