

COUNTY OF ROCKLAND
Department of General Services
Purchasing Division

Contract Award Notification

Title: Sewage Grinder Equipment-Refurbish or Furnish New & Deliver
Contract Period: July 22, 2022 through July 21, 2023 with 3 one-year options
Original Date of Issue: 04/28/2022
Date of Revision: 03/22/23
BID No: RFB-RC-2022-050
Catalog: Wastewater Treatment
Authorized Users: County Agencies, All Political Subdivisions

Address Inquiries To:

Name: Raheela Akhter
Title: Assistant Buyer
Phone: 845-364-3813
Fax: 845-364-3809
E-mail: akhterr@co.rockland.ny.us

Description

This contract is to rebuild, upgrade or furnish and deliver new sewage grinder equipment.

Contract #	Vendor Number	Contractor & Address	Telephone No.
Bid 22-050	0000023044	GP Jager Box 50 Boonton, NJ 07005 Contact: Janelle Sanz jsanz@jagerinc.com remmolo@jagerinc.com	973-750-1180 FAX: 973-750-1181

COUNTY OF ROCKLAND
DGS – PURCHASING DEPARTMENT
BLDG. A, 6TH FLOOR, 50 SANATORIUM ROAD
POMONA, NY 10970
TELEPHONE NO.: 845-364-3820
FAX NO.: 845-364-3809

LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	MANUFACTURER AND MODEL NUMBER	VENDOR
	SECTION A - PRICING TO INCLUDE LABOR AND MATERIAL FOR THE SPECIFIED UPGRADES						
1	30002-60 to 30005-0060-DI-Wipes Ready Upgrade	93691100001	14	Each	\$19,369.92	JWC / 30002-60 TO 30005-0060-DI	GP JAGER, INC.
2	30002-40 to 30005-0040-DI-Wipes Ready Upgrade	93691100002	8	Each	\$16,704.00	JWC/ 30002-40 TO 30005-0040-DI	GP JAGER, INC.
3	30002-18 to 30005-0018-DI-Wipes Ready Upgrade	93691100003	8	Each	\$12,386.88	JWC / 30002-18 TO 30005-0018-DI	GP JAGER, INC.
4	30001-12-06 to 30004T-1206-DI-Wipes Ready Upgrade	93691100004	7	Each	\$10,507.44	JWC / 30001-1206 TO 30004T-1206-DI	GP JAGER, INC.
5	30002-24 to 30005-0024-DI-Wipes Ready Upgrade	93691100005	5	Each	\$14,045.76	JWC / 30002-24 TO 30005-0024-DI	GP JAGER, INC.
6	Total of Item #'s 1 - 5 for SECTION A			TOTAL	\$73,014.00		GP JAGER, INC.
7	Days to complete work after receipt of purchase order			DAYS	56		GP JAGER, INC.
8	WARRANTY						

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LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	MANUFACTURER AND MODEL NUMBER	VENDOR
	SECTION B - PRICING TO INCLUDE LABOR AND MATERIAL TO REFUBISH THE SPECIFIED UNITS						
9	30005-0060-DI-Wipes Ready Refurbish 14 EACH	93691100011	14	Each	\$19,369.92	JWC / 30005-0060-DI	GP JAGER, INC.
10	30005-0040-DI-Wipes Ready Refurbish 8 EACH	93691100012	8	Each	\$16,704.00	JWC / 30005-0040-DI	GP JAGER, INC.
11	30005-0018-DI-Wipes Ready Refurbish 8 EACH	93691100013	8	Each	\$12,386.88	JWC / 30005-0018-DI	GP JAGER, INC.
12	30004T-1206-DI-Wipes Ready Refurbish 7 EACH	93691100014	7	Each	\$10,507.44	JWC / 30004T-1206-DI	GP JAGER, INC.
13	30005-0024-DI-Wipes Ready Refurbish 5 EACH	93691100015	5	Each	\$14,045.76	JWC / 30005-0024-DI	GP JAGER, INC.
14	Total of Item #'s 9-13 for SECTION B			TOTAL	\$73,014.00		GP JAGER, INC.
15	Total for SECTION A & B - to be awarded as a group			TOTAL	\$146,028.00		GP JAGER, INC.
16	Days to complete work after receipt of purchase order			DAYS	56		GP JAGER, INC.
17	Guarantees / Warrantees						

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LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	MANUFACTURER AND MODEL NUMBER	VENDOR
	SECTION C - FURNISH AND DELIVER NEW UNITS CAPABLE OF SHREDDING WIPES						
18	Muffin Monster JWC Model # 30005-60 or approved equal	93691100006	1	Each	\$37,029.12	JWC / 30005-60	GP JAGER, INC.
19	Muffin Monster JWC Model # 30005-40 or approved equal	93691100007	1	Each	\$30,073.92	JWC / 30005-40	GP JAGER, INC.
20	Muffin Monster JWC Model # 30000-18 or approved equal	93691100008	1	Each	\$21,586.56	JWC / 3000-18	GP JAGER, INC.
21	Muffin Monster JWC Model # 30004T-1206 or approved equal	93691100009	1	Each	\$18,072.00	JWC / 30004T-1206	GP JAGER, INC.
22	Muffin Monster JWC Model # 30005-24 or approved equal	93691100010	1	Each	\$24,775.68	JWC / 30005-24	GP JAGER, INC.
23	Total of Item #'s 18-22 for SECTION C			TOTAL	\$131,537.28		GP JAGER, INC.
24	Lead time after receipt of purchase order			DAYS	56		GP JAGER, INC.
25	Guarantees / Warrantees						

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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. SCOPE

- 1.1. Provide labor equipment and material to rebuild, upgrade or furnish and deliver new sewage grinder units for the Rockland County Sewer District #1 (RCSD #1) as per the specifications. Units are Muffin Monster Sewage Grinders manufactured by JWC Environmental/Disposable Waste Systems or Franklin Miller. Work will be on an as needed basis.
- 1.2. The County of Rockland shall determine to refurbish the specified units on an as needed basis or replace specific units on an as needed basis.

2. SITE VISIT

- 2.1. All bidders are encouraged to visit the site. Bidder will be responsible to deliver item specified whether or not he/she visits the site. Contact Josh Thomas on (845) 365-6495 to arrange a site visit.

3. REQUIREMENTS – SECTION A – UPGRADE

3.1. GENERAL REQUIREMENT

- 3.1.1. It is the intent of RCSD#1 that when an existing JWC Muffin Monster 30002 Series grinder is sent to be refurbished, the contractor shall upgrade each unit to the WIPE READY DESIGN 30005 SERIES GRINDERS as specified. Upgraded grinders shall be able to capture and shred wipes. Each upgraded unit shall have a new nameplate and new part number denoting the WIPE READY DESIGN.
- 3.1.2. Unit pricing shall be provided per upgrade and include all labor, equipment, and material to complete the upgrade. Unit pricing shall include FOB Destination, Orangeburg, NY 10962.

3.2. EQUIPMENT DESCRIPTION

- 3.2.1. Type: Two-shaft design with two parallel shafts alternately stacked with intermeshing cutters and spacers positioned on the shaft to form a helical pattern. The two shafts shall counter-rotate with the driven shaft operating at approximately (2/3) the speed of the drive shaft.
- 3.2.2. Required Torque per Horsepower.
 - 3.2.2.1. Continuously: 1000 in-lbs. minimum.
 - 3.2.2.2. At Momentary Load Peaks: 3200 in-lbs.
- 3.2.3. Side Rails: the inside profile of the side rail shall be concave so as to closely follow the radial arc of the cutters. The side rails shall be affixed to the grinder so as to maintain a clearance not to exceed 5/16 inch between the major diameter of the cutter and the concave arc of the side rail thus assuring that particles larger than that clearance are directed toward the cutters to assure fineness of grind.
- 3.2.4. Bearings and Seals: The radial and axial loads of the shafts shall be borne by four sealed oversize Conrad-type ball bearings, which shall be rated by the bearing manufacturer with a minimum basic

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dynamic load rating of 7,050 lbs. The bearings shall be protected by a combination of a tortuous path device and end face-mechanical seals. Face materials must be a minimum of tungsten carbide to tungsten carbide, not requiring an external flush. The mechanical seal shall be rated at 60 PSI continuous duty by the seal manufacturer. The bearings and seals shall be housed in replaceable wear sleeves that support and align the bearings and seals.

3.3. MATERIALS

3.3.1. All grinder parts shall be manufactured by JWC Environmental or approved equal.

3.3.1.1. Grinder: Corrosion resistant materials compatible so as to resist pitting due to cavitation or corrosion due to galvanic action.

3.3.1.2. Shafts of the cutting cartridge: 4140 Heat Treated Hexagon Steel with a tensile strength rating of not less than 183,000 PSI.

3.3.1.3. End Housing, Transition flanges, and Covers: Cast of Class 30 Grey Iron.

3.3.1.4. Side Rails: Cast of ASTM A536-77 Ductile Iron.

3.3.1.5. Cutters and Spacers: 4130 Heat Treated Alloy Steel, surface ground for uniformity and through-hardened a minimum 43-48 Rockwell "C." Cutters will have a minimum of 17 teeth and spacers shall be knurled.

3.4. WORK COVERED

3.4.1. Bidder shall list all work covered by his bid. This shall include, but is not limited to the following:

3.4.2. Unit Evaluation.

3.4.3. Housing Refurbishment.

3.4.4. Replacement with new interior parts to meet the Wipe Ready requirements.

3.4.5. Unit Measurement.

3.4.6. Shaft Replacement.

3.5. Interior working components shall include, but is not limited to, the following:

3.5.1. Cutters Wipe Ready Grinders.

3.5.2. Hex Shafts.

3.5.3. All bearing/seal cartridges.

3.5.4. Gears.

3.5.5. Coupling.

3.5.6. Gaskets, lubrication, etc.

3.6. Work shall not include motor, Gear reducer, reducer coupling, control, drive, extensions, hydraulics, and screens.

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3.6.1. INVENTORY OF JWC UNITS THAT MAY BE UPGRADED

3.6.1.1. Muffin Monster Model 30002-60 – 14 each.

3.6.1.2. Muffin Monster Model 30002-40 – 8 each.

3.6.1.3. Muffin Monster Model 30002-18 – 8 each.

3.6.1.4. Muffin Monster Model 30001-12-06 – 7 each.

3.6.1.5. Muffin Monster Model 30002-24 – 5 each.

4. REQUIREMENTS – SECTION B – REFURBISH GRINDER UNITS

- 4.1. Provide pricing to furnish and deliver refurbished grinder units on an as needed basis. Upgraded Muffin Monster Model 30005 Wipe Ready Upgrade grinders that fail after the warranty period may be sent out to JWC repair shop to be refurbished. Refurbished grinders shall meet or exceed the requirements for Upgraded grinders as specified in section A.
- 4.2. Unit pricing shall include all labor, equipment and material to refurbish units as specified. Pricing offered shall include FOB Destination Orangeburg, NY 10962.

4.2.1. INVENTORY OF JWC UNITS THAT MAY BE REFURBISHED

4.2.1.1. Muffin Monster Model 30005-60-DI-Wipe Ready Upgrade – 14 each.

4.2.1.2. Muffin Monster Model 30005-40-Wipe Ready Upgrade – 8 each.

4.2.1.3. Muffin Monster Model 30005-18-Wipe Ready Upgrade – 8 each.

4.2.1.4. Muffin Monster Model 30004T-1206-Wipe Ready Upgrade – 7 each.

4.2.1.5. Muffin Monster Model 30005-24-Wipe Ready Upgrade – 5 each.

5. REQUIREMENTS – SECTION C – FURNISH AND DELIVER NEW GRINDER UNITS

- 5.1. Provide pricing to furnish and deliver new grinder units capable of shredding wipes on an as needed basis. Units offered shall be MFG. JWC Environmental, models referenced above, or approved equal.
- 5.2. Pricing offered shall include FOB Destination Orangeburg, NY 10962.

6. EQUIVALENT OR APPROVED EQUAL MATERIAL

- 6.1. Bidder must submit with their proposal, all specifications, testing data, etc. that demonstrate the substitute products meet all requirements.
- 6.2. Bidder must guarantee products are inter-connectable with existing equipment. Any required adaptations and/or adjustments required must be listed with the bid and must be approved by the authorized County of Rockland representative.

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6.3. Bidder must submit with bid 5 (five) locations where he has done this work on Muffin Monster Equipment. Include Model number, location, contact, telephone number, equipment and work completed.

7. EXPERIENCE

7.1. Bidder must have been doing this type of work for a period of 3 (three) years or more. Bidder shall complete the Certification of Experience.

8. GUARANTEES

8.1. Bidder must submit all guarantees, warranties, etc. with bid.

9. AWARD

9.1. SECTIONS A AND B – UPGRADE AND REFURBISH UNITS

9.1.1. Sections A and B shall be awarded as a group to the lowest responsible responsive bidder. Quantities on the proposal pages are estimates. The amount of grinders that may be refurbished during the term of this bid will be based on the requirements of the Sewer District # 1.

9.1.2. To be considered for award of this section, bidder must submit pricing on ALL line items within Sections A & B.

9.2. SECTION C – FURNISH AND DELIVER NEW UNITS

9.2.1. Section C shall be awarded to the lowest responsible responsive bidder. The quantities on the proposal pages are estimates. Units may be purchased on an as needed basis.