



Bid Waiver Form

Revised 04/2021

Short Description of Goods/Services	RNG Motor Alignments and Repairs	Total Cost	\$215,000+ during a 5 year period.		
Vendor Name	EMS INDUSTRIAL INC	MUNIS #	2443	Req #	
Purchasing Officer	Pete Patten	Date	1/5/2022		
Department	Waste & Renewables	Email	Wienkes.Roxanne@countyofdane.com		
Name	Roxanne Wienkes	Phone	608.509.6681		

A VENDOR QUOTE MUST BE ATTACHED TO THE WAIVER FOR APPROVAL

Provide a detailed description of the goods/services intended to be purchased:

The Department of Waste & Renewables (W&R) is requesting a multi-year waiver for 5 years to purchase services for preventive and reactive maintenance (as needed) from EMS INDUSTRIAL INC needed to operate the Renewable Natural Gas (RNG) Plant. The total amount of spending over this period depends on the needs that will arise but could exceed \$215,000.

Vendor will provide support and on-call service work for the various motors on the RNG plant. The attached quote includes pricing for rewinding and alignment of a 500hp, 350hp, and 50hp motor, but motor issues will be addressed on an as needed bases.

As needed, the vendor will inspect all parts, check bearing fits and tolerances, strip and clean up stator, rewind stator, vpi and bake rewind stator, nickel plate bearing surfaces to repair worn surfaces into correct tolerance, balance rotor, replace bearings, assemble, test, and paint each motor.

The requested bid waiver amount of \$215,000 is believed to be a conservative estimate for service needed, which assumes the following services annually: The rewinding of 3 motors (500, 350, 50 hp) and up to 10 motor alignments (\$8,000). These services are required annually and after a major repair. Additionally, a 3% estimated inflation rate was applied to each year after.

Service contract, as necessary, will be routed internally as required for review and approval.

Send to a Purchasing Officer Once Completed



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Procurement Exception List

- Emergency Procurement
- Unique and specific technical qualifications are required
- A special adaptation for a special purpose is required
- A unique or opportune buying condition exists
- Only one vendor possesses the unique and singularly available ability to meet the Department's requirements

Provide a detailed explanation as to why the competitive bidding (RFB/RFP) process cannot be used. Also provide a detailed justification in relation to the Procurement Exception(s) chosen:

EMS has experience with the current layout and operating conditions of the RNG Plant. They are the manufacturer (Cobey) preferred service provider for the compressors and have exclusive technical experience with the equipment currently on-site at the RNG Plant. They also provide timely technical support and are locally based (Madison, Wisconsin) which allows for quick reaction in the event of a motor failure or emergency to minimize downtime.

Bid Waiver Approval (For Purchasing Use Only)

Under \$37,000 (Controller)

\$37,000+ (Personnel & Finance Committee)

Date Approved:

Send to a Purchasing Officer Once Completed



EMS Industrial, Inc.

ELECTRICAL, MECHANICAL, ENGINEERING AND FIELD SERVICE CAPABILITIES

Prepared for: Dane County Landfill

2022 Budgetary quotes for repair of the following motors:

1 – 500hp 3600rpm

1 – 350hp 1800rpm

1 – 50hp 1200rpm

Motor repairs quoted will include the following:

Disassemble, inspect all parts, check bearing fits / tolerances, strip and cleanup stator, rewind stator, vpi and bake rewind stator, nickel plate bearing surfaces to repair worn surfaces into correct tolerance, balance rotor, replace bearings, assemble, test, paint

Additional work may be needed to repair severely worn surfaces in our machine shop which can't be predicted. Potential for \$500-\$2000+ of additional work

Repair pricing estimates:

500hp: \$16,750

350hp: \$11,500

50hp: \$3,900

Sum= \$32,150

Total estimated spending for Service for 5 years:

2022= ~\$32,000 (est. motor repairs) + \$8000 (est. 10 alignments/year)= \$40,000

2023= 2022 * 3% (estimated inflation)= \$40,000 + \$1,200 ~\$41,200

2024= 2023 * 3% (estimated inflation)= \$41,200 + \$1236= ~\$42,500

2025= 2024 * 3% (estimated inflation)= \$42,500 + \$1,275= ~\$43,775

2026= 2025 * 3% (estimated inflation)= \$43,775 + \$1,313.25= ~\$45,000

Total estimate for 2022+2023+2024+2025+2026= ~\$215,000

Alignment pricing estimate:

All motors: \$800 per motor