



DATE: June 06, 2017

TO: Brenda J. Billingsley, Director, Purchasing Division

THRU: Alan W. Garcia, Director, Water & Wastewater Services

FROM: Mark Darmanin, Director, Water & Wastewater Operations Division

PROJECT TITLE: Purchase a Ruhrpumpen Vertical Turbine Pump and GE 800 HP Motor

REQUISITION NO.

### SOLE SOURCE/SOLE BRAND REQUEST

I. REQUEST: Provide a description of the features of the product/service or Scope of Work.

Water and Wastewater Services Operations Division (WWOD) requests approval to procure a Ruhrpumpen, 36E-2500 2-Stage Vertical Turbine Pump and General Electric (GE) 800 Horsepower Motor, from the most reasonable source provider Environmental Equipment Services, LLC (EES) in the estimated amount of \$350,000.

Per the Florida State issued disposal permit, Broward County's North Regional Wastewater Treatment Plant (NRWWTP) disposes of approximately 60% of its daily treated wastewater through the deep well injection process. There are a total of six deep wells powered by a total of five Ruhrpumpen Vertical Turbine Pumps. The requested Ruhrpumpen 36E-2500 2 Stage Vertical Turbine Pump and GE 800 HP Motor are a mated set which is used to move industrial process liquids and is a vital part of the wastewater treatment process. The requested equipment will be a direct replacement for the existing equipment which has reached the end of its useful life. Failure to procure the requested pump and motor in a timely manner, could result in compliance violations with the regulatory agencies and compromise the NRWWTP disposal capabilities.

II. JUSTIFICATION: Please check all boxes that describe your reason(s) for determining that only one source or brand is reasonably available.

#### Only Sole Source/ Uniqueness

- Proprietary Item - this vendor/source has the only rights to provide this service or commodity. A letter from the manufacturer or authorizing entity is included in this request.
- Technology Improvements - updates or upgrades to an existing system, software, software as a service (SaaS), hardware purchases.
- Engineering Direction - engineering drawing or specification identifies product; "no substitutes or equivalents will be acceptable."
- Only qualified supplier - reliability and maintainability of the product or service would be degraded unless specified supplier is used; may void warranty. This request includes a copy of the current warranty information.
- Other/or Additional information - the County requires this sole source, sole brand purchase for the following reasons:

**Business Case (One/Most Reasonable Source or One/Most Reasonable Brand)**

- Operational Compatibility - replacement parts from alternate suppliers are not interchangeable with original part and causes equipment incompatibility. Previous findings and/or documentation is included with this request.
- Ease of Maintenance - maintenance or retooling prohibits competition. Section III, Comparative Market Research includes estimated costs associated with changing current source and/or brand.
- Follow-On - potential for continued development or enhancement with same supplier and eliminates costs incurred by using different supplier. Section III, Comparative Market Research includes estimated costs for replacing current or existing system.
- Complies with existing community and safety standards, and/or laws, rules, and regulations.
- Exempted from the Procurement Code - per Section 21.18 of Broward County Administrative Code.
- Other/or additional information - using this sole source, sole brand purchase benefits the County for the following reasons:

Due to the complexity and criticality of this equipment, it is necessary that Broward County purchase a new direct replacement Ruhrpumpen Vertical Turbine Pump and GE 800 HP Motor from an authorized Ruhrpumpen agent to maintain Broward County's deep injection well pumping station. In order to provide a direct replacement it is necessary to have access to Ruhrpumpen proprietary drawings.

As per the attached letter provided by Ruhrpumpen, Environmental Equipment Services, LLC (EES) is the sole municipal Ruhrpumpen agent for new equipment and parts in Florida and has the rights to all Ruhrpumpen proprietary factory drawings and clearances. Procuring the Ruhrpumpen Vertical Turbine Pump and GE 800 HP Motor from EES ensures that Broward County will receive a new pump and motor closest to the original factory tolerances and provides the same operational life before a pump rebuild is necessary. Additionally, only EES can provide factory testing reports with Operation and Maintenance Manuals, as-builts and a field service engineer for on-site supervision when the pump is installed and brought on-line for operation.

III. COMPARATIVE MARKET RESEARCH: Provide a detailed source or market analysis for justification of sole source/brand or most reasonable source (attach extra sheets as needed).

Estimated project value: 350,000                      Contract length (if applicable):

Expenses to date:

Has this commodity or service been previously provided to the County?  Yes              No

If yes, when and by whom?

How was item/service procured?              The existing pump was purchased and installed as part of a capital improvement project (plant expansion) in 1990.

What is the current contract (MA) or purchase order number?

If this is a sole brand, is there an "authorized" dealers list?  Yes       No

Cost/Benefit Analysis: What would the cost be to utilize an alternate vendor or source? This explanation should include the savings and/or additional costs to the County by not using the preferred vendor or source. Attach additional sheets if needed.

There is only one authorized Ruhrpumpen agent and factory certified repair center in Florida. The cost of an exact replacement motor is estimated at \$200,000.00 and the replacement pump is estimated at \$150,000. The deep well disposal process and equipment are a result of a custom engineer design. This process was designed for this particular application in this particular location during a Capital Improvement Project in 1990. Replacing the existing equipment with another brand would require extensive research and engineering design, the replacement of all 5 pump and motor sets, result in delays in operations and expenses estimated at over\$2.15 million.



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CERTIFICATION: I have thoroughly researched the sole source or sole brand justification and fully understand the implications of Section 838.22 of the Florida Statutes:

(2) "It is unlawful for a public servant, with corrupt intent to obtain a benefit for any person or to cause unlawful harm to another, to circumvent a competitive bidding process required by law or rule by using a sole source contract for commodities or services."

(5) "Any person who violates this section commits a felony of the second degree, punishable as provided in s. 775.082, s. 775.083, or s. 775.084"

<i>OSCAR ASGAR</i> REQUESTOR/EVALUATOR (PRINT)	<i>[Signature]</i> REQUESTOR/EVALUATOR (SIGN)	6/7/2017 DATE
<i>[Signature]</i> DEPT/DIV DIRECTOR OR DESIGNEE (PRINT)	<i>Mark Darmasari</i> DEPT/DIV DIRECTOR OR DESIGNEE (SIGN)	6/7/17 DATE

The Purchasing Agent has reviewed the request and has completed the required due diligence per the Procurement Code Section(s) 21.34 and 21.35. The Purchasing Agent recommends the following:

- Sole Source   
 Sole Brand   
 Reasonable Source   
 RFI attached   
 Rejected  
 Request Authorization to Negotiate

Additional Information:

A Request for Information (RFI) was posted from June 29, 2017 thru July 6, 2017 with no responses received.

There is no recent purchase for this equipment. The using agency estimates the value of the fixed purchase to be \$350,000. Additional information provided by WWS:

The 'complexity and criticality' is owing to the design for simultaneous operation of all five pumps and motor sets. The 'five pump and motor sets' that are in place were all installed in 1990 in the CIP project

One set is being replaced. Each of the remaining four will be decommissioned, rehabilitated, and recommissioned

The life expectancy has expired for each of the remaining four sets; the rehabilitation and repair will provide opportunity for continuity of operation.

Purchasing Agent Signature: **AMY ALMANZAR**    Date: 7/7/17

Digitally signed by AMY ALMANZAR  
DN: dc=city, dc=broward, dc=bc,  
ou=Organization, ou=BCC, ou=PL,  
o=Users, cn=AMY ALMANZAR  
Date: 2017.07.07 11:29:00 -0400

**CHRISTINE CALHOUN**

Digitally signed by CHRISTINE CALHOUN  
DN: cn=Christine Calhoun, ou=PL,  
ou=Users, ou=CHRISTINE CALHOUN  
Date: 2017.08.08 09:28:06 -0400

**APPROVAL AUTHORITY**  
REASON/SUGGESTED ACTION (IF DISAPPROVED):

Signature: *Brenda J. Billingsley*    Date: *10/10/17*



31 May 2017

To Whom It May Concern

The sole municipal Ruhrpumpen agent for new equipment and parts in Florida is Environmental Equipment Services, LLC, located at 3616 Harden Boulevard, #337, Lakeland, FL 33811. The contact person there is Mr. Cory Peavy who can be reached by phone at their offices at 863-640-0201

The Ruhrpumpen sole agent for repair, service and startup in Florida is Environmental Equipment Services, LLC. through Southeast Equipment Services, LLC, located at 4763 Drane Field Road, Lakeland, FL 33811. The contact person is also Cory Peavy who can be reached by phone at their offices at 863-450-3595 or by cell phone at 863-640-0201.

We appreciate your consideration of Ruhrpumpen products and your continued business. If I can be of any service to you, please do not hesitate to call.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Debra J Ingram".

Debra J Ingram  
Regional Sales Manager  
Ruhrpumpen, Inc.  
Tampa, FL  
770-366-9204

**RUHRPUMPEN, INC.**

4501 South 86<sup>th</sup> East Avenue  
Tulsa, OK 74145 USA  
Main 918-627-8400  
Fax 918-624-2471

[www.ruhrpumpen.com](http://www.ruhrpumpen.com)



**Bid Tabulation Packet  
for  
Solicitation Y2114959F1**

**Request for Information: Ruhrpumpen Vertical Turbine  
Pump w/ GE 800 HP Motor**

**Bid Designation: Public**



**Broward County Board of County Commissioners**

**Bid #Y2114959F1 - Request for Information: Ruhrpumpen Vertical Turbine Pump w/ GE 800 HP Motor**

Creation Date **Jun 28, 2017** End Date **Jul 6, 2017 5:00:00 PM EDT**  
 Start Date **Jun 29, 2017 1:09:41 PM EDT** Awarded Date **Not Yet Awarded**

Y2114959F1--01-01 Ruhrpumpen, 36E-2500 2-Stage Vertical Turbine Pump w/ GE 800 HP Motor					
Supplier	Unit Price	Qty/Unit	Total Price	Attch.	Docs
			No Bids		
Agency Product Code:		Supplier Notes:			
Agency Notes:					

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## **Solicitation Y2114959F1**

### **Request for Information: Ruhrpumpen Vertical Turbine Pump w/ GE 800 HP Motor**

### **Bid Designation: Public**



**Broward County Board of County Commissioners**



## Bid Y2114959F1

### Request for Information: Ruhrpumpen Vertical Turbine Pump w/ GE 800 HP Motor

Bid Number Y2114959F1  
Bid Title Request for Information: Ruhrpumpen Vertical Turbine Pump w/ GE 800 HP Motor  
Bid Start Date Jun 29, 2017 1:09:41 PM EDT  
Bid End Date Jul 6, 2017 5:00:00 PM EDT  
Question & Answer End Date Jul 5, 2017 5:00:00 PM EDT

Bid Contact Amy Almanzar  
Purchasing  
aalmanzar@broward.org

Contract Duration **Not Applicable**  
Contract Renewal Not Applicable  
Prices Good for **Not Applicable**

Bid Comments **This Request for Information (RFI) is intended to ascertain whether the commodity or service specified below is currently available from multiple providers. This is not a request for pricing or a commitment to purchase.**

The following products are thought to be available from only a single source. This RFI will remain posted until the due at the date and time indicated. Vendors should submit response electronically through BidSync. Vendor should upload any supporting information in BidSync to assist in determining if product or service is comparable.

**Commodities Required**

Replacement Ruhrpumpen, 36E-2500 2-Stage Vertical Turbine Pump with General Electric (GE) 800 Horsepower Motor

**Quantity or Term**

Fixed Contract

**Using Agency Requester**

Broward County Water and Wastewater Services  
Oscar Asgar

**Known Reasonable Source/Brand**

Manufacturer sole municipal agent in Florida for new Ruhrpumpen equipment and parts, Environmental Equipment Services, LLC

**Justification for Reasonable Source/Brand Acquisition**

Water and Wastewater Services (WWS) Operations Division requests approval to procure a Ruhrpumpen, 36E-2500 2-Stage Vertical Turbine Pump with GE 800 HP Motor.

Broward County's North Regional Wastewater Treatment Plant disposes of approximately 60% of its daily treated wastewater through the deep well injection process. There are a total of six deep wells powered by a total of five Ruhrpumpen Vertical Turbine Pumps. The requested Ruhrpumpen 36E-2500 2 Stage Vertical Turbine Pump and GE 800 HP Motor are a paired set which is used to move industrial process liquids and is a vital part of the wastewater treatment process. The requested equipment will be a direct replacement for the existing equipment which has reached the end of its useful life.

WWS believes that a direct replacement is necessary because replacing the existing equipment with another brand would require an engineering re-design and would require the replacement of the remaining operating Ruhrpumpen pumps. It is also believed that the for full functionality, the Ruhrpumpen pump must be paired with a GE 800 HP motor.

It is also believed that these products can only be purchased by the manufacturer sole municipal agent in Florida for new equipment and parts, Environmental Equipment Services, LLC.

If you can bid on this product or equal, respond to this Request for Information through BidSync. Broward County will be the sole determinate of what is comparable.

Prospective Vendors are requested to provide information regarding their ability to supply the commodities or contractual services described. All Vendor responses will be evaluated by the Using Agency which will be the sole determinate power in establishing the approved equal status of the commodity or service offered by the vendor. If it is determined in writing by the agency, after reviewing any information received from prospective Vendors, that the commodities or contractual services are available only from a sole source, a Request for Quotation will be issued to the sole source Vendor for processing and approval by the appropriate award authority.

Provide product literature for any product to assist in determining if product is comparable.

### Item Response Form

Item	<b>Y2114959F1--01-01 - Ruhrpumpen, 36E-2500 2-Stage Vertical Turbine Pump w/ GE 800 HP Motor</b>
Quantity	<b>1 each</b>
Prices are not requested for this item.	
Delivery Location	<b>Broward County Board of County Commissioners</b> <u>No Location Specified</u>
	<b>Qty 1</b>
<b>Description</b>	Ruhrpumpen, 36E-2500 2-Stage Vertical Turbine Pump with GE 800 HP Motor

**Question and Answers for Bid #Y2114959F1 - Request for Information:  
Ruhrpumpen Vertical Turbine Pump w/ GE 800 HP Motor**

**Overall Bid Questions**

There are no questions associated with this bid.