



**CENTRALBIDDING**  
FROM CENTRAL AUCTION HOUSE

**5000139161 Supply one (1) Fairbanks Model 23HH-1 Stage, Vertical  
Turbine Pump**  
Jefferson Parish Government

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)  
15-Sep-2022 11:36:34 AM



**Bid Number 50-00139161**

**Supply One (1) Fairbanks Model 23HH-1 Stage, Vertical Turbine Pump,  
or Approved Equal for the Jefferso Parish Department of Sewerage –  
Harvey Wastewater Treatment Plant**

**BID DUE: October 4, 2022 AT 2:00 PM**

**ATTENTION VENDORS!!!**

**Please review all pages and respond accordingly, complying with all provisions  
in the technical specifications and Jefferson Parish Instructions for Bidders and  
General Terms and Conditions. All bids must be received on the Purchasing  
Department's eProcurement site, [www.jeffparishbids.net](http://www.jeffparishbids.net), by the bid due date  
and time. Late bids will not be accepted.**

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053  
Buyer Name: Ms. Sidney Duffy  
Buyer Email: [sduffy@jeffparish.net](mailto:sduffy@jeffparish.net)  
Buyer Phone: 504-364-2682**

**SPECIFICATIONS**  
**VERTICAL TURBINE PUMP**  
**JEFFERSON PARISH**  
**DEPARTMENT OF SEWERAGE**  
**HARVEY WASTEWATER TREATMENT PLANT**

**PART 1 – GENERAL**

The bidder shall supply one (1) Fairbanks model 23HH 1–Stage, vertical turbine pump, or approved equal. Any bids submitted for alternate pump manufacturers, other than that as specified, must include in their bid all information needed to fully demonstrate complete compliance with the requirements of these specifications, and dimensional duplicity of the existing pump. It is the bidder’s responsibility to provide adequate information necessary for the complete evaluation of their proposed equipment. Jefferson Parish shall be the sole judge as to the equality of any alternate manufacturer’s offering.

**1.01 SCOPE OF WORK**

A. Furnish one (1) vertical turbine pump as specified below.

**1.02 DESCRIPTION OF SYSTEMS**

- A. One pumping unit is required under this bid, which shall be driven by a squirrel cage induction motor as specified.
- B. Pumping unit will take suction from the effluent chamber.
- C. All working parts of the pump, motor, such as bearings, wearing rings, shaft, sleeves, etc., shall be standard dimensions built to limit gauges or formed to templates, such that parts will be interchangeable between like units and such that the Owner may, at any time in the future, obtain replacement and repair parts for those furnished in the original machines.

### 1.03 QUALIFICATIONS

- A. To assure unity of responsibility, the pump, motor, shall be supplied and coordinated by the pump manufacturer.
- B. The equipment covered by these Specifications is intended to be standard units as manufactured by an organization having experience in the production of such equipment. A single manufacturer shall furnish units specified herein. The pump furnished shall be designed, constructed in accordance with the best practice and methods, and shall operate satisfactorily when installed. Pump shall be manufactured in accordance with the Hydraulic Institute Standards, except where otherwise specified herein.
- C. All equipment furnished under this Specification shall be new and unused, and shall be the standard product of manufacturers having a record of manufacturing and servicing the equipment and systems specified herein.
- D. The pump manufacturer shall be fully responsible for the design, arrangement, and operation of all connected rotating components of the assembled pumping unit to ensure that neither harmful nor damaging vibrations occur at any speed within the specified operating range. Design shall include all supporting sole plates and fabricated steel base plate for mounting the units.
- E. The pump manufacturer shall perform both lateral and torsional critical speed analyses to identify and ensure that (a) the first lateral critical speed shall be at least 25 percent above the maximum pump speed, and that (b) no torsional natural frequencies occur within a range extending from 20 percent below to 20 percent above the specified operating speed range, and that (c) any blade excited resonant frequency shall be no closer than plus or minus 20 percent of the natural frequency of any part of the installed assembled pumping unit. Prior to manufacture, a statement must be forwarded to Jefferson Parish indicating that the required analyses have been made and that the specified limitations will be met.
- F. Vibration, when measured in the direction of maximum amplitude at the top motor bearing, shall not exceed 7 mils, peak-to-peak displacement at a maximum peak velocity of 0.4-in per second at any speed within the specified operating speed range.

#### **1.04 OPERATING INSTRUCTIONS**

- A. Operating and maintenance manuals shall be furnished. The manuals shall be prepared specifically for this installation and shall include all required cuts, drawings, equipment lists, descriptions, etc., that are required to instruct operation and maintenance personnel unfamiliar with such equipment.
- B. A factory representative who has complete knowledge of proper operation and maintenance, shall be provided for two (2) days to instruct Jefferson Parish personnel on proper operation and maintenance.

#### **1.05 WARRANTY**

- A. All equipment supplied under this section shall be warranted for a period of one (1) year by the pump manufacturer.
- B. The equipment shall be warranted to be free from defects in workmanship, design, and materials. If any part of the equipment should fail during the warranty period, it shall be replaced in the machine and the unit restored to service at no expense to the Owner. Push-Pull and all labor cost are excluded.

### **PART 2 - PRODUCTS**

#### **2.01 GENERAL**

- A. The pumping unit shall be complete including pumps and motors with proper alignment and balancing of the individual units. All parts shall be so designed and proportioned as to have liberal strength, stability, and stiffness, and to be especially adapted for the service to be performed. Ample room for inspection, repairs, and adjustment shall be provided.
- B. All necessary anchor bolts, nuts, and washers shall be furnished and installed by the Jefferson Parish.
- C. Stainless steel nameplates giving the name of the manufacturer, the rated capacity, head, speed, and all other pertinent data shall be attached to each pump, motor variable frequency drive, and control panel.
- D. Pumping unit and its driving equipment shall be designed and constructed to withstand the maximum turbine run-away speed of the unit due to back flow through the pump with the maximum TDH specified available at the pump discharge flange. The maximum reverse runaway speed shall not exceed 130 percent of the design

pump maximum operating speed. A statement of compliance with this requirement must be furnished with the Shop Drawings submittal.

## **2.02 PUMP**

### **A. General**

1. The pump shall be of the vertical turbine type.
2. The pump shall be built to standard dimensions such that parts will be interchangeable between like units. The same manufacturer shall supply all units.
3. The effluent pump shall be supplied by: Fairbanks Morse, Model 23HH- 1-stage, or approved equal. All products must meet the detailed requirements of this Specification.

### **B. Performance Requirements:**

1. When operating at the maximum output speed of the motor, pump shall have a characteristic performance curve, which meets all the minimum conditions listed in **Table 11214-1A**. The pump and drive motor shall be capable of operating satisfactorily under the full range of conditions as defined by **Table 11214-1A**.
2. Maximum motor speeds shall not exceed those listed in **Table 11214-1A**. to satisfy the specified hydraulic duty requirements. The pump design speed shall be the maximum output speed of the motor furnished, when operating at the pump's design capacity and head at 60 Hertz on utility power (full motor speed).
3. With the pumping unit operating at full motor speed, the maximum brake horsepower required by the pump shall not exceed the maximum horsepower listed in **Table 11214-1A**. If the pumping unit requires more than the maximum horsepower listed in **Table 11214-1A**. at the motor output shaft at any full motor speed operation point between primary and secondary discharge head, it will not be accepted.

### **C. Pump Construction**

1. The connection of the output shaft of the motor to the head shaft shall be made with a steel flanged adjustable coupling to the VSS motor. Impeller adjustments shall be made via this coupling.

2. The pump shall be furnished with a suitable, integral fabricated ASTM A-36 steel-mounting ring of adequate design with registered fit to match the mounting dimensions of the drive motor.
3. The pump's discharge head shall be fabricated steel construction of ASTM A36 of the above base type and shall be not less than diameters listed in the table. The discharge flange shall be a 150 lb. flat faced flanged discharge connection conforming dimensionally to ANSI/AWWA A21.15/C115. The discharge head window access openings shall be of adequate size to allow for mechanical seal adjustment and replacement. It shall be protected by expanded metal screens constructed of 316 stainless steel. The head shall use four 3-inch schedule 80 pipes set at 90 degrees apart, connecting the top motor base ring with the head support base.
4. Incorporated in the fabrication of the discharge head shall be a suitable pump support base not less than 1-inch in thickness of standard ANSI B16 B2 flanged dimensions to support both the pump and the motor. The flange bolting shall be in accordance with the requirements of ANSI B16 B2. Minimum thickness shall be 1.00 inches. A 1-inch thick steel sole plate shall be provided.
5. The discharge head will be fitted with an ASTM A-48 Class 30 box, suitable for use with graphite impregnated packing with and adjustable flanged coupling.
6. The pump head shaft shall be constructed of ASTM A-582 416 stainless steel alloy. ANSI B58.1 Standards for Deep Well Vertical Turbine Pumps, Section A4.3.3, but in no case are less than the diameter shown in Table 11214-1A. shall determine shaft diameter.
7. The pump column shall be constructed of ASTM A-36 steel, Schedule 20, flanged at each end. The column shall mate with the pump bowl assembly and the discharge head with fits to assure correct alignment. Maximum length of column sections shall be 10 feet.
8. The open pump line shaft shall be constructed of ASTM A-582 416 Stainless Steel Alloy and its diameter determined as described in 2.02 C.5 above but in no case shall it be less than the minimum diameter listed in **Table 11214-1A**.
9. The line shaft couplings shall be of the threaded type, constructed of ASTM A-582 416 Stainless Steel Alloy, and of such design that no threaded parts, which could cause "galling", are interconnected. Alternate constructions must be of a design acceptable to Jefferson Parish.
10. The pump impeller shall be of the radial type, constructed of cast stainless steel. The impeller shall be attached to the shaft by means of a collet/key constructed of ASTM A-276 416 Stainless Steel. Impeller shall be supplied with stainless steel wear rings.

11. The pump bowl shall be constructed of ASTM A-48 Class 30 cast iron, having a minimum tensile strength of 30,000 psi. The pump bowl shall be of sufficient thickness to withstand stresses and strains at full operating pressure. The bowl shall be subjected to a hydrostatic test 150 percent of that specified at the design conditions in **Table 11214-1A**. The bowl shall be designed and manufactured with open and smooth water passages to assure efficient, reliable operation. Bowls shall be supplied with stainless wear rings, 300-350 BHN.
12. The suction bowl bearing, and all bowl bearings shall be constructed of bronze.
13. Pump Coating: All portions of the column and pump discharge head not exposed to view, except for the interior of the bowls, shall have an interior and an exterior coating of high build modified epoxy of 7 mils dry thickness, compatible with the pump service. Interior of the bowls shall be coated with Tnemec N140 Epoxy paint. Surface preparation shall be in accordance with the coating manufacturer's recommendations for wastewater application.
14. Pump shall be assembled complete less motor and utilize 316 SS hardware.

### **2.03 MOTOR**

Pump shall be driven by a 200 H.P., 1200 RPM, Vertical Solid Shaft WP-II inverter duty, electric motor, speed as listed in the data tables, 3/60/4160 volt, 1.15 S.F. The motor nameplate horsepower rating shall not be exceeded by the brake horsepower requirements of the specified head and capacity requirements. Motor shall include refined balance, NRR, stainless steel hardware, space heaters, 50 degree Celsius ambient. Motor Horsepower's are listed in **Table 11214-1A**.

Table 11214-1A

**EFFLUENT PUMPING UNIT DESIGN REQUIREMENTS**

Item	Design Conditions
Pump Model	23HH-1 stage
Number of Pumps	1
Maximum Motor Speed (rpm)	1,200
Motor to be Supplied (Hp)	200
Minimum Column Wall thickness (inches)	Sch. 20
Column and Discharge Size (inches)	<b>20 inches/20 inches</b>
Minimum Discharge Head Wall thickness (inches)	.375 inch
Minimum Pump Shaft Diameter (inches)	2.438 inches
Minimum Line shaft Diameter (inches)	1.9375 inches
Pump Shut-Off Head at Design Speed (feet)	95
Secondary Capacity (gpm)	6,000
Minimum Bowl TDH at Secondary Capacity (feet)	65
Minimum Bowl efficiency at Secondary Capacity (%)	<b>75 percent</b>
Design Capacity (gpm)	10,000
Minimum Bowl TDH at Design Capacity (feet)	51
Minimum Bowl Efficiency at Design Capacity (%)	<b>82 percent</b>
Maximum NPSHR at Design Capacity (feet)	19 feet
Minimum Run out Capacity (gpm)	<b>12,000</b>
Minimum Bowl TDH at Run out Condition (feet)	<b>32</b>
Minimum Bowl Efficiency at Run out (%)	<b>70 percent</b>

Minimum eye area (in <sup>2</sup> )	145.60 inches
Minimum Suction Bell Diameter	29.00 inches
Minimum Bowl weight - 1st stage (lbs.)	961
Minimum Bowl pressure rating (psi)	250
Minimum Bowl Hydro Test Pressure (psi)	375

**2.04 SERVICE**

The pump bidder must be listed as a factory authorized service center for the brand they are bidding and be capable of completely servicing the proposed pump within one (1) hour of the project site, once pump is delivered. The pump bidder must have a direct factory service center and stocking facility capable of completely servicing and supplying spare parts for the proposed pump within one (1) hour of the project site. The bidder's factory service center facility shall be available for Jefferson Parish inspection on a twenty-four (24) hour prior notice. The bidder's service center must have full time, factory trained mechanics certified to service the equipment being offered.

**BOESCH SERVICE CENTER: (Located 35 mins from project site)**

**G & M Electric Co., Inc.  
419 N. Claiborne Ave.  
New Orleans, LA 70112**

**Contact: Billy Kirkikis  
E-mail: [wsk@gmelectric.net](mailto:wsk@gmelectric.net)  
Phone: (504) 586-8100**

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00139161

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	EA	<p>Supply one (1) Fairbanks model 23HH-1 Stage, vertical turbine pump, or approved equal.</p> <p>0010 - Fairbanks Model 23HH-1-stage vertical turbine pump. Designed to produce 10,000 GPM at 51 Ft. TDH for the Harvey Wastewater Treatment Plant</p> <p>Pump includes:                      20 inch Flanged Column in Maximum 10 Ft. Sections                      Fabricated discharge head with 150 Lb. flanges and a 20 inch discharge                      The Overall Length as Measured from the Bottom of the Baseplate to the lip of the Bell is Approximately 27 Ft.                      200HP, 1200RPM, VSS, WPII Enclosure, Inverter Duty, 3/60/4160 Motor                      Standard Coatings</p> <p><b>Exceptions/Deviations:</b></p> <p><b>104 ft of shut-off head instead of 95 ft</b></p>	\$ 199,138.00	\$ 199,138.00

DATE: 9/14/2022  
BID NO.: 50-00139161

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 1

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

BUYER: SDUFFY@jeffparish.net

**BIDS WILL BE RECEIVED ONLINE VIA WWW.JEFFPARISHBIDS.NET UNTIL 2:00 PM, 10/04/2022 AND PUBLICLY OPENED THEREAFTER IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053. At no charge, bidders are to submit via Jefferson Parish's electronic procurement page by visiting [www.jeffparishbids.net](http://www.jeffparishbids.net) to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.**

**LATE BIDS WILL NOT BE ACCEPTED**

**NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2620(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE.**

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

**THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS**

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647 as amended.

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

**Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)**

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA – R.S. 38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and local taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

**IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS**

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at [www.jeffparishbids.net](http://www.jeffparishbids.net) to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 as amended. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

**ADDITIONAL REQUIREMENTS FOR THIS BID**

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

**6,10,13,15,**

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, the license number must be entered in the appropriate field in the electronic procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise stated in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. All sureties must be in original format (no copies) When submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which is permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment."). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owed on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish to contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment, and report to Owner the amount of taxes not incurred.

**It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.**

**All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form**

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES \_\_\_\_\_ NO

MAXIMUM ESCALATION PERCENTAGE REQUESTED N/A %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 90 DAYS.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

23 - 25 WEEKS AFTER APPROVED SUBMITTALS

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) N/A

**THIS SECTION MUST BE COMPLETED BY BIDDER:**

FIRM NAME: WASTEWATER SOLUTIONS, LLC

ADDRESS: 102 NE 2ND STREET SUITE 510

CITY, STATE: BOCA RATON, FLORIDA ZIP: 33432

TELEPHONE: ( 954 ) 483-9269 FAX: ( N/A )

EMAIL ADDRESS: matias@wws-llc.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: NO ADDENDA ISSUED

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

TOTAL PRICE OF ALL BID ITEMS: \$ 199,138.00

AUTHORIZED SIGNATURE: 

ARTURO GARCIA

Printed Name

TITLE: PRESIDENT/OWNER

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

**NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.**

## CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
WASTEWATER SOLUTIONS, LLC  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF WASTEWATER SOLUTIONS, LLC  
INCORPORATED, DULY NOTICED AND HELD ON 09/19/2022,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED THAT ARTURO GARCIA, BE AND IS HEREBY  
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES  
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS  
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING  
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-  
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
A TRUE AND CORRECT COPY OF AN  
EXCERPT OF THE MINUTES OF THE ABOVE  
DATED MEETING OF THE BOARD OF  
DIRECTORS OF SAID CORPORATION, AND  
THE SAME HAS NOT BEEN REVOKED OR  
RESCINDED.

MATIAS ROMAN

\_\_\_\_\_  
SECRETARY-TREASURER

09/29/2022

\_\_\_\_\_  
DATE

## STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

---

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

---

### JEFFERSON PARISH REQUIRED STANDARD INSURANCE

#### WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

**Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being**

rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

**COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

**COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.  
Property Damage Liability \$1,000,000.00 each occurrence.

**Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.**

**DEDUCTIBLES** - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

**UMBRELLA LIABILITY COVERAGE**

An umbrella policy or excess may be used to meet minimum requirements.

**FOR CONSTRUCTION AND RENOVATION PROJECTS:** **\*\*\*NOT APPLICABLE\*\*\***

The following are required if selected below. Such insurance is due upon contract execution.

**OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

**BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

## **Non-Public Works Bid Affidavit Instructions**

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

*Instruction sheet may be omitted when submitting the affidavit*

Non-Public Works Bid

AFFIDAVIT

STATE OF FLORIDA

~~PARISH~~/COUNTY OF PALM BEACH

BEFORE ME, the undersigned authority, personally came and appeared: \_\_\_\_\_

ARTURO GARCIA, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized PRESIDENT/OWNER of WASTEWATER SOLUTIONS, LLC (Entity), the party who submitted a bid in response to Bid Number 5000139161, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

Choice A \_\_\_\_\_ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B  there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

Choice A \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B  \_\_\_\_\_ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

*[The remainder of this page is intentionally left blank.]*

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

*Arturo Garcia*

\_\_\_\_\_  
Signature of Affiant

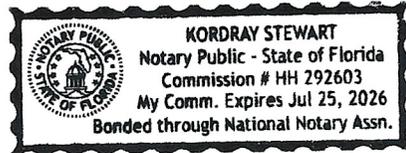
**ARTURO GARCIA**  
\_\_\_\_\_  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME  
ON THE 29 DAY OF September, 2022.

*Kordray Stewart*  
\_\_\_\_\_  
Notary Public

KORDRAY STEWART  
\_\_\_\_\_  
Printed Name of Notary

# HH 292603  
\_\_\_\_\_  
Notary/Bar Roll Number



My commission expires July 25, 2026



**Wastewater Solutions LLC**  
 102 NE 2nd Street Suite 510  
 Boca Raton, FL 33432 US  
 (954) 483-9269  
 arturo@wws-llc.com  
 wws-llc.com

## Quote

**ADDRESS**

Ms. Sidney Duffy  
 Jefferson Parish Purchasing  
 Department  
 200 Derbigny Street  
 General Government Building,  
 Suite 4400  
 Gretna, LA 70053  
 sduffy@jeffparish.net  
 504-364-2682

**QUOTE # 8078**

**DATE 09/28/2022**

**SUPPLY ONE (1) VERTICAL TURBINE PUMP  
 BID NUMBER 50-0013916**

**DELIVERY:**

23 - 25 WEEKS

DESCRIPTION	QTY	RATE	AMOUNT
ITEM NUMBER 1	1	199,138.00	199,138.00
VERTICAL TURBINE PUMP			
BOESCH VERTICAL TURBINE PUMP MODEL 24HH-2C ( 1 STAGE )			
INCLUDES:			
200 HP 3/60/4160V US ELECTRICAL MOTOR VSS WP2 1200 RPM NRR, PREMIUM EFFICIENT, INVERTER DUTY, SPACE HEATERS 20" X 20" X 24.5" FABRICATED STEEL DISCH HEAD / WATER LUB SQUARE BASE PLATE 40" X 40" X 1-1/2" SOLID SHAFT COUPLING VSS NO 14 THEPOWERSEAL HENRY HY MECH SEAL 1-11/16" STUFFING BOX ASSEMBLY BIG W LUB SS-416 SHAFT AND CPLG 1-15/16" - X 5 FT W LUB SS-416 SHAFT AND CPLG 1-15/16" - X 10 FT ( 2 ) FABRICATED SPIDER WITH INSERT 20" X 4" X 1-15/16" ( 2 ) FLANGE COL PIPE 5 FT 20" SCHD20-0.375 FLANGE COL PIPE 10 FT 20" SCHD20-0.375 ( 2 ) 24HH-2C ( 1 STAGE ) BOWL ASSEMBLY / WATER LUB IMPELLER WEAR RING FOR ENC IMP 24 BOWL WEAR RING FOR ENC IMP 24			
ALL INTERIOR AND EXTERIOR SURFACES COATED WITH TNE MEC POTA-POX PLUS N140 SERIES NSF 61 CERTIFIED			

DESCRIPTION	QTY	RATE	AMOUNT
-------------	-----	------	--------

TESTS INCLUDED:  
 BOWL ASSEMBLY FACTORY HYDROSTATIC TEST  
 FACTORY LATERAL ANALYSIS  
 FACTORY VIBRATION TEST  
 FACTORY TORSIONAL ANALYSIS

STARTUP INCLUDED AS PER SPECIFICATIONS.

SEE ATTACHED SCOPE AND SPECIFICATIONS.

A FORMAL SET OF SUBMITTALS WILL BE PROVIDED AFTER INTENT TO AWARD IS RECEIVED.

WARRANTY: 12 MONTHS FROM THE DATE OF STARTUP OR 18 MONTHS FROM THE DATE OF SHIPMENT. WHICHEVER OCCURS FIRST

DELIVERY INCLUDED AS PER SPECIFICATIONS.

---

SUPPLY ONE (1) VERTICAL TURBINE PUMP BID NUMBER 50-0013916	SUBTOTAL	199,138.00
	TOTAL	<b>\$199,138.00</b>

WASTEWATER SOLUTIONS LLC  
 CAGE CODE: 7TWY1  
 DUNS NUMBER: 079918568  
 EIN: 47-1877641

Accepted By

Accepted Date

**Pump:**

Size: 24HH-2C (stages: 1) Dimensions:  
 Type: LINE W\_60 Hz Suction: ---  
 Synch Speed: 1200 rpm Discharge: ---  
 Dia: 16.16 in Vertical Turbine:  
 Curve: ETHBBES-12 Eye Area: 152 in<sup>2</sup>  
 Impeller: 24HH-2C Bowl Size: 21.7 in  
 Specific Speeds: Ns: 4785 Max Lateral: ---  
 Nss: 10248 Thrust K Factor: 57 lb/ft

**Fluid:**

Name: Water  
 SG: 1 Vapor Pressure: 0.256 psi a  
 Density: 62.4 lb/ft<sup>3</sup> Atm Pressure: 14.7 psi a  
 Viscosity: 1.1 cP  
 Temperature: 60 °F Margin Ratio: 1

**Pump Limits:**

Temperature: 167 °F Sphere Size: 1.13 in  
 Wkg Pressure: 195 psi g

**Motor:**

Standard: NEMA Size: 200 hp  
 Enclosure: WPI Speed: 1200 rpm  
 Frame: 447TP  
 Sizing Criteria: Max Power on Design Curve

**Search Criteria:**

Flow: 10000 US gp Near Miss: ---  
 Head: 51 ft Static Head: 0 ft

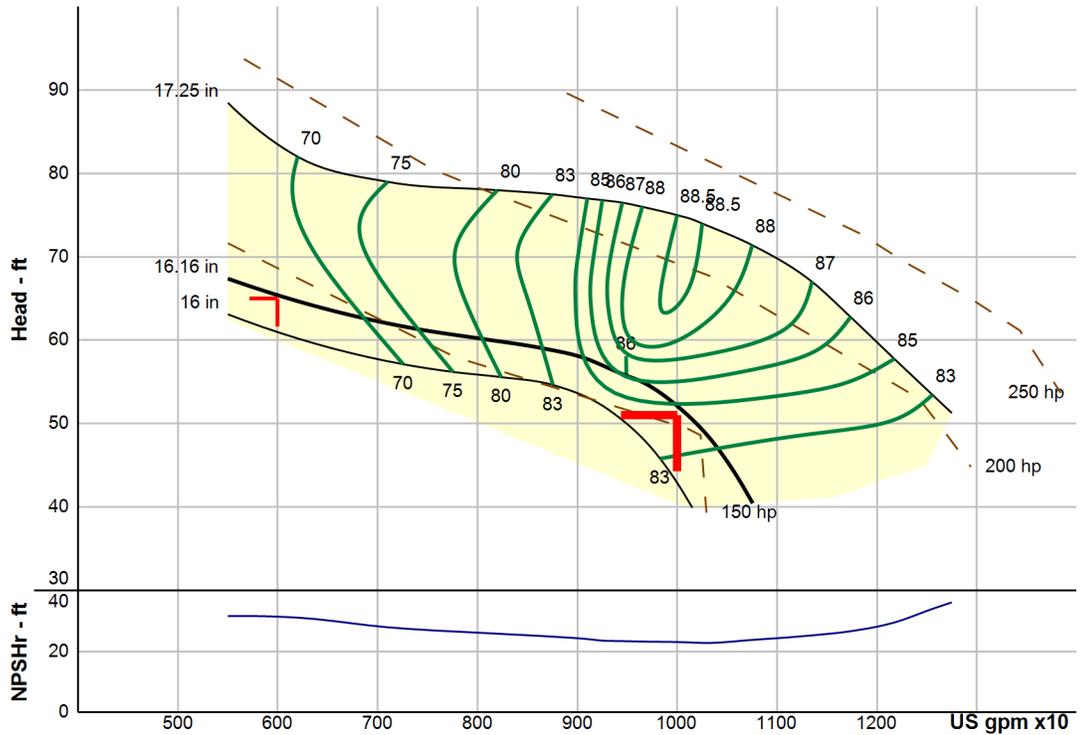
**Pump Selection Warnings:**

**--- Duty Point ---**

Flow: 10047 US gpr  
 Head: 51.5 ft  
 Eff: 84.7%  
 Power: 154 hp  
 NPSHr: ---  
 Speed: 1185 rpm

**--- Design Curve ---**

Shutoff Head: 104 ft  
 Shutoff dP: 45.1 psi  
 Min Flow: 2475 US gpm  
 BEP: 86% @ 9491 US gpm



**Operating Points:**

Data Point	Speed rpm	Flow US gpm	Head ft	NPSHr ft	Efficiency %	Power hp	Min Flow US gpm
Primary	1185	10047	51.5	---	84.7	154	2475
1	1185	6026	65.6	---	67.6	147	2475



**SUPPLY ONE (1) VERTICAL TURBINE PUMP  
BID NUMBER 50-0013916**

**PUMP BRAND: BOESCH PUMPS  
DUTY POINT: 10,000 GPM AT 51 FT TDH  
PUMP MODEL: 24HH-2C ( 1 STAGE )  
EFFICIENCY: 84.70%**

MOTOR SPECIFICATIONS

BRAND	US MOTORS ( NIDEC )
HP RATING	200 HP
SPEED	1200 RPM
TYPE	VSS
ENCLOSURE	WP11
COUPLING TYPE	NRR
INSULATION CLASS	F
SF	1.15
VOLTAGE	3/60/4160V
EFFICIENCY	PREMIUM EFFICIENT
OPERATION	INVERTER DUTY
ANTICONDENSATION DEVICE	120V SPACE HEATERS

DISCHARGE HEAD SPECIFICATIONS

HEAD TYPE	20" X 20" X 24.5" FABRICATED DISCHARGE HEAD / WATER LUB
DISCHARGE FLANGE SIZE	20" #150
GUARD TYPE	OSHA GUARD
DISCHARGE HEAD SOLE PLATE	40" X 40" X 1.5" / ASTM A 36
SEAL TYPE	THEPOWERSEAL HENRY HY MECHANICAL SEAL 1-15/16"
INTERNAL AND EXTERNAL COATING	TNEMEC POTA-POX PLUS N140 SERIES NSF 61 CERTIFIED

COLUMN SPECIFICATIONS

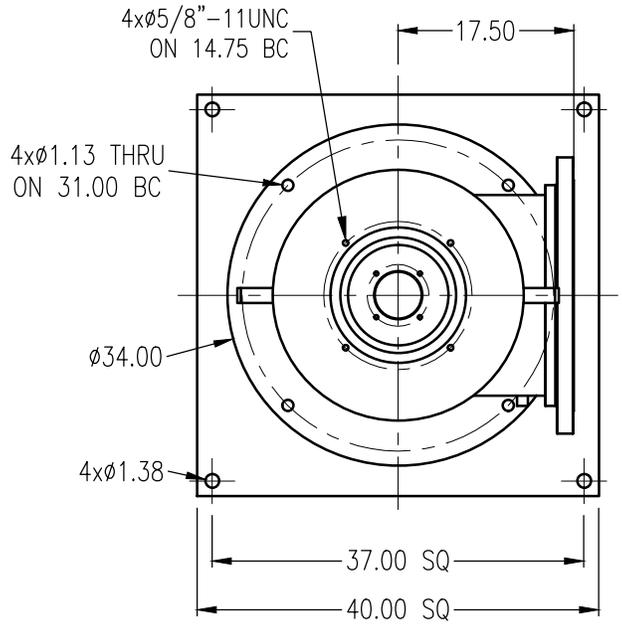
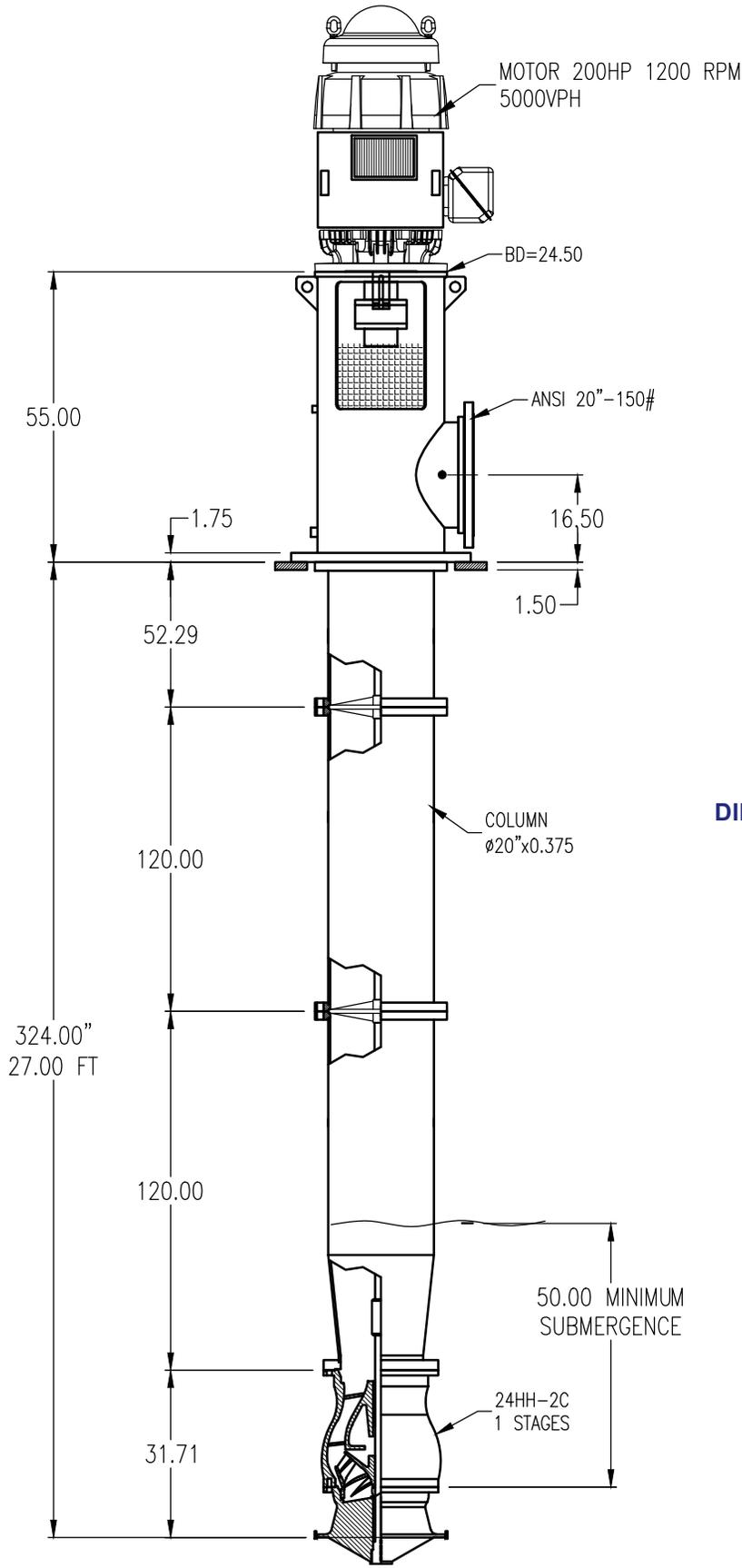
TYPE	FLANGED / ASTM A 53 / WATER LUB
LINESHAFT	416 SS / 1-15/16"
BOLTING	316 SS
MAX FRICTION LOSS	5 FEET / 100 FT
DIAMETER	20"
BEARING SPACING	AT 10 FEET INTERVALS
SPIDERS	FABRICATED / ASTM A 36"
BUSHINGS	Ni Al Bz
TOTAL PUMP LENGTH ( TPL )	27 FT ( CAN BE MODIFIED UPON REQUEST )
INTERNAL AND EXTERNAL COATING	TNEMEC POTA-POX PLUS N140 SERIES NSF 61 CERTIFIED

BOWL ASSEMBLY SPECIFICATIONS

BOWL CASTING	ASTM A 48 CLASS 30
BOWL WEAR RINGS	316 SS
IMPELLERS	316 SS
IMPELLER WEAR RINGS	316 SS
BUSHINGS	Ni Al Bz
BOLTING	316 SS
PUMP SHAFT	416 SS
INTERNAL AND EXTERNAL COATING	TNEMEC POTA-POX PLUS N140 SERIES NSF 61 CERTIFIED

EXTRAS

BOWL ASSEMBLY FACTORY HYDROSTATIC TEST  
FACTORY TORSIONAL ANALYSIS  
FACTORY LATERAL ANALYSIS  
FACTORY VIBRATION TEST



**DIMENSIONS CAN BE MODIFIED UPON REQUEST**

TECHNICAL DATA	
CAPACITY:	10,000.00
T D H:	51.00 FT
No STAGES:	1
LUBRICATION:	WATER
SPEED RPM:	1185
POWER HP:	154.0
EFFICIENCY %:	84.70
COLUMN-TPL:	20.00 FT

<b>BOESCH</b>	
NAME	
DRAW	A. MEDINA
APROB. ING	R. SUAREZ
APROB. COM	G. GONZALEZ

DIMENSIONS ONLY ILLUSTRATIVE, NOT TO MANUFACTURING	CLIENT: WASTEWATER SOLUTIONS		
	QUOTE: 8-32082		
	MODEL: 24HH-2C		
RC-06-PSG-7.2	INCH	DATE: 09/28/2022	REV: 0

EFFECTIVE:  
19-APR-11

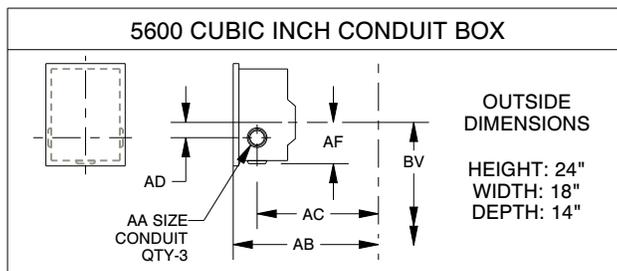
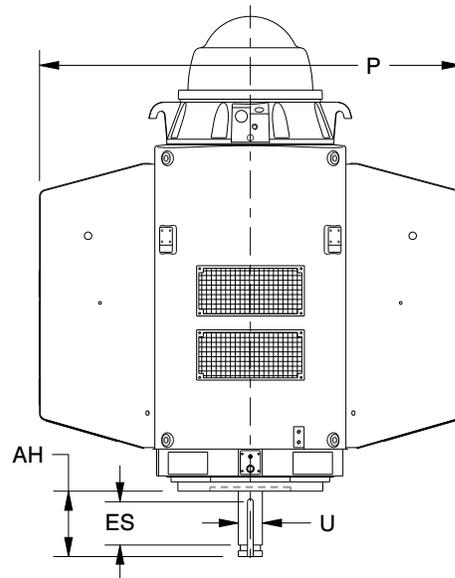
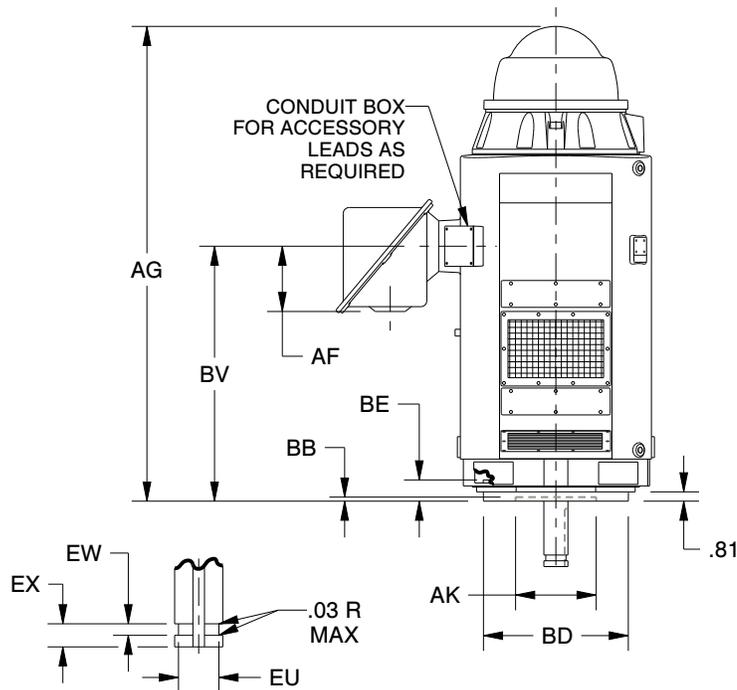
SUPERSEDES:  
03-JUL-06

# VERTICAL MOTORS

WEATHER PROTECTED TYPE II  
FRAME: 5000VPH, VP, VPA  
TYPE: RV4

PRINT:  
09-2660

SHEET:  
1 OF 1

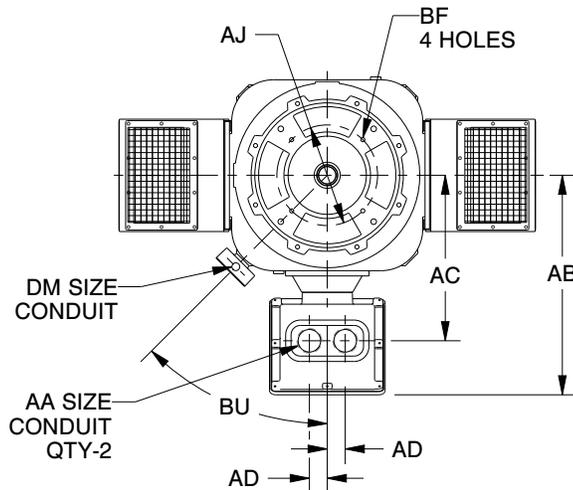


FRAME	P	AG	BV
5008	71.00	63.88	27.00
5012		78.88	42.00

POLE	U	AH	ES	EU	EW	EX	SQ KEY
2	-.001	±.062	MIN	-.005	+.002	-.005	.625
4 & SLOWER	3.125	7.000	5.00	2.625	.500	1.000	.750

VOLTS	C/BOX VOLUME (CU.IN.)	AB	AC	AD	AF	BU
0-4800	3400	36.50	27.88	3.00	10.94	45°
4801-6900	5600	36.13	30.13	4.00	10.81	

FRAME	AJ	AK + .005	BB MIN	BD MAX	BE	BF
5000VPH	14.750	13.500	.25	20.00	2.19	.69
5000VP <sup>3</sup>	14.750	13.500		24.50		.69
	22.000					.94
5000VPA	26.000	22.000		30.50		.81



AA	DM
2 NPT	1/2 NPT
2 1/2 NPT	3/4 NPT
3 NPT	1 NPT
3 1/2 NPT	1 1/4 NPT
4 NPT	1 1/2 NPT

TOLERANCES	
FACE RUNOUT	.007 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.007 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.003 T.I.R.
MAXIMUM SHAFT END PLAY	.010

1. DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. DIMENSIONS AND TOLERANCES ARE SHOWN IN INCHES.
3. 5000VP HAS TWO BOLT CIRCLES.

09-2660/A

**Nidec Motor Corporation**  
St. Louis, Missouri

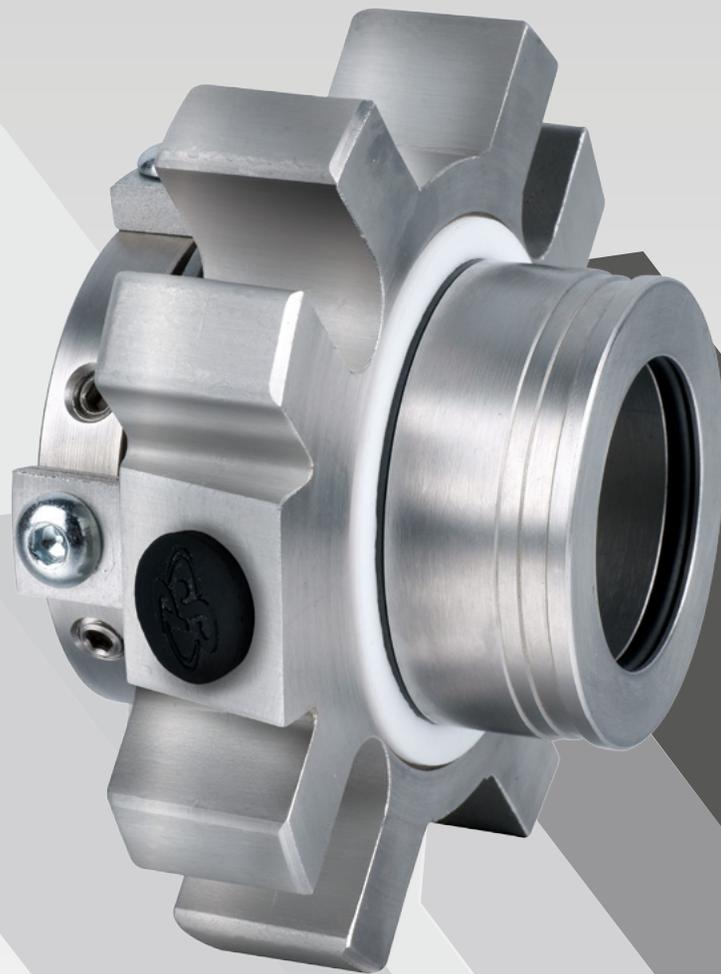
INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF NIDEC MOTOR CORPORATION



ISSUED BY  
**K. FRIEDMAN**  
APPROVED BY  
**K. POTTER**

IHP\_DP\_NMCA (MAR-2011) PROENGINEER

# HENRY-HY CARTRIDGE SEAL



# HENRY-HY

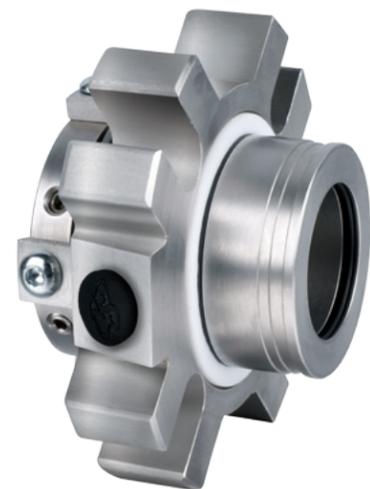
## SINGLE CARTRIDGE SEAL

### PRODUCT DESCRIPTION

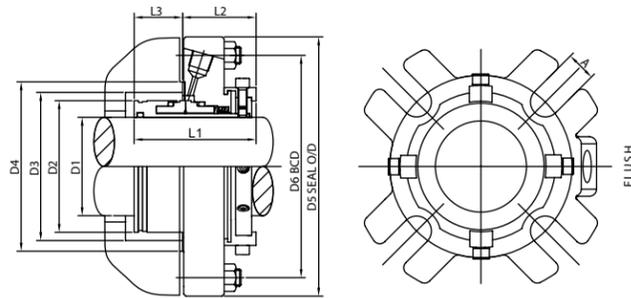
Henry-HY is a single seal for applications in ANSI, ISO, and DIN pumps; Henry-HY's spring mechanism runs free of contact with the pumped product, which extends the overall life of the seal. With a fully preassembled cartridge design, Henry-HY is easily installed and avoids possible mistakes during installation.

### BENEFITS

Single, pusher cartridge seal, independent of direction of rotation.  
 Stationary design with robust monolithic seal faces.  
 Springs are isolated from process fluid.  
 Compact cartridge design, with four or two bolt gland for seal setting, allows it to fit the most popular metric and imperial pumps, as well as shaft rotating equipment.



\*Trade Mark



#### OPERATION LIMITS

CONDITIONS	IMPERIAL	METRIC
Pressure	250 psi	17 bar
Speed	5000 fpm	25 m/s
Temperature*	-20°F to 500°F	-29°C to 260°C

\* Depends on secondary seals and face materials.

#### TEMPERATURE LIMITS

MATERIAL	IMPERIAL	METRIC
Nitrile Buna	-30°F to 250°F	-34°C to 121°C
Ethylene Propylene	-32°F to 400°F	-36°C to 204°C
FKM	-04°F to 400°F	-18°C to 204°C
Fluorocarbon, AFLAS®	400°F	205°C
Perfluoroelastomer	500°F	260°C

#### CONSTRUCTION MATERIALS

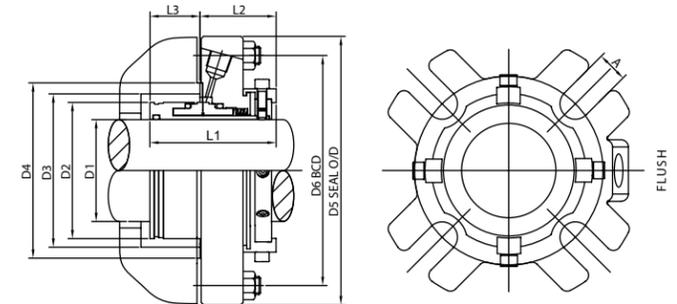
COMPONENTS	STANDARD	OPTIONAL
Metal Parts	SS-316	Titanium, Hastelloy®, Alloy 20.
Seat	Silicon Carbide Q2**	Silicon Carb. Q1*, Tungsten Carbide, Ni-binder.
Face/Primary Ring	Carbon	Silicon Carb. Q1*/Q2** Other materials available upon request.
O-Ring	Fluoroelastomer, FKM/FPM	Perfluoroelastomer FFKM/FFPM, Ethylene Propylene EPDM, Standard Nitrile NBR BUNA-N, TFE/P ALFAS®.
Spring	Hastelloy®	

Q1\*Sintered  
Q2\*\*Reacted

# HENRY-HY



\*Trade Mark



### HENRY-HY & QD

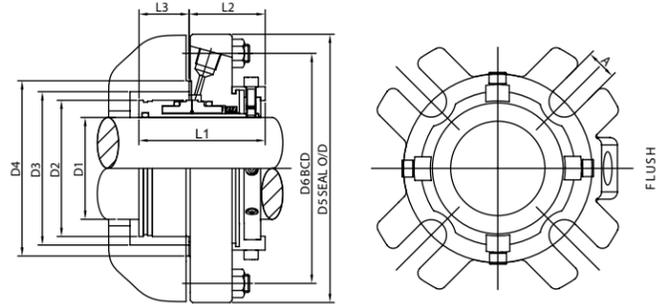
#### Dimensional Data Inches

D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	A
Seal dia	Seal OD	Box dia	Pilot dia	Gland OD	BDC	Seal Length	Outside Length	Inside Length	Seal Length QD	
1.125	1.687	1.750	2.250	4.250	2.750	2.532	1.686	0.846	2.813	0.500
1.250	1.812	1.875	2.375	4.375	2.875	2.532	1.686	0.846	2.813	0.500
1.375	1.937	2.000	2.500	4.375	3.062	2.532	1.686	0.846	2.813	0.500
1.375*G	1.937	2.000	2.500	4.375	3.250	2.532	1.686	0.846	2.813	0.500
1.375**D	1.937	2.125	2.625	4.375	3.250	2.532	1.686	0.846	2.813	0.500
1.500	2.062	2.250	2.687	5.000	3.375	2.653	1.757	0.896	2.934	0.562
1.625	2.187	2.375	2.750	5.000	3.375	2.653	1.757	0.896	2.934	0.562
1.750	2.312	2.500	3.017	5.250	3.687	2.653	1.757	0.896	2.934	0.562
1.750*G	2.312	2.500	3.017	5.250	4.120	2.653	1.757	0.896	2.934	0.562
1.875	2.437	2.625	3.128	5.250	3.687	2.653	1.757	0.896	2.934	0.562
1.875*G	2.437	2.625	3.128	5.250	4.120	2.653	1.757	0.896	2.934	0.562
1.875**D	2.437	2.625	3.125	5.250	3.750	2.653	1.757	0.896	2.934	0.562
2.000	2.562	2.750	3.437	6.000	4.125	2.653	1.757	0.896	3.028	0.562
2.125	2.687	2.875	3.562	6.000	4.125	2.653	1.757	0.896	3.028	0.562
2.125*G	2.687	2.875	3.520	6.000	4.500	2.653	1.757	0.896	3.028	0.562
2.250	2.812	3.000	3.750	6.500	4.437	2.653	1.757	0.896	3.028	0.562
2.375	2.937	3.125	3.875	6.500	4.437	2.653	1.757	0.896	3.028	0.562
2.500	3.250	3.375	4.125	6.875	4.937	2.837	1.879	0.958	3.212	0.625
2.500*G	3.250	3.375	4.373	6.875	5.380	2.837	1.879	0.958	3.212	0.625

# HENRY-HY



\*Trade Mark



## HENRY-HY & QD

### Dimensional Data Inches

D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	A
Seal dia	Seal OD	Box dia	Pilot dia	Gland OD	BDC	Seal Length	Outside Length	Inside Length	Seal Length QD	
2.625	3.375	3.500	4.250	7.000	4.937	2.837	1.879	0.958	3.212	0.625
2.625**D	3.375	3.500	4.250	7.000	5.500	2.837	1.879	0.958	3.212	0.625
2.750	3.500	3.625	4.250	7.000	4.937	2.837	1.879	0.958	3.212	0.625
2.875	3.625	3.750	4.375	7.500	5.562	2.837	1.879	0.958	3.212	0.625
3.000	3.750	3.875	4.500	7.500	5.562	2.837	1.879	0.958	3.337	0.625
3.125	3.875	4.000	4.625	7.500	5.562	2.837	1.879	0.958	3.337	0.625
3.250	4.000	4.125	4.750	8.000	6.062	2.837	1.879	0.958	3.337	0.750
3.375	4.125	4.250	4.875	8.000	6.062	2.837	1.879	0.958	3.337	0.750
3.500	4.250	4.375	5.000	8.000	6.062	2.837	1.879	0.958	3.337	0.750
3.625	4.375	4.500	5.125	8.500	6.687	2.837	1.879	0.958	3.337	0.750
3.750	4.500	4.625	5.250	8.500	6.687	2.837	1.879	0.958	3.337	0.750
3.875	4.625	4.750	5.375	8.500	6.687	2.837	1.879	0.958	3.337	0.750
4.000	4.750	4.875	5.500	9.000	7.375	2.837	1.879	0.958	3.337	0.750
4.125	4.875	5.125	5.750	9.000	7.375	2.837	1.879	0.958	3.337	0.750
4.250	5.000	5.125	5.750	9.000	7.375	2.837	1.879	0.958	3.337	0.750
4.375	5.125	5.375	6.000	9.500	7.750	2.837	1.879	0.958	3.337	0.750
4.500	5.250	5.375	6.250	9.500	7.912	2.837	1.879	0.958	3.337	0.750
4.625	5.375	5.625	6.250	10.00	8.093	2.837	1.879	0.958	3.337	0.750
4.750	5.500	5.750	6.375	10.00	8.093	2.837	1.879	0.958	3.337	0.750
4.875	5.625	5.875	6.500	10.00	8.093	2.837	1.879	0.958	3.337	0.750
5.000	5.750	6.000	6.625	10.00	8.093	2.837	1.879	0.958	3.337	0.750

\* Goulds 3196 Round Gland  
 \*\* Durco Mark III Round Gland



# POTA-POX® PLUS SERIES N140

## PRODUCT PROFILE

<b>GENERIC DESCRIPTION</b>	Polyamidoamine Epoxy
<b>COMMON USAGE</b>	Innovative potable water coating which offers high-build edge protection and allows for application at a wide range of temperatures (down to 35°F or 2°C with 44-700 Accelerator). For use on the interior and exterior of steel or concrete tanks, reservoirs, pipes, valves, pumps and equipment in potable water service.
<b>COLORS</b>	1211 Red, 1255 Beige, 00WH Tnemec White, 15BL Tank White, 35GR Black and 39BL Delft Blue. <b>Note:</b> Epoxies chalk with extended exposure to sunlight. Lack of ventilation, incomplete mixing, miscatalyzation or the use of heaters that emit carbon dioxide and carbon monoxide during application and initial stages of curing may cause yellowing to occur.
<b>SPECIAL QUALIFICATIONS</b>	Certified by <b>NSF International</b> in accordance with <b>ANSI/NSF Std. 61</b> . Ambient air cured Series N140 (with or without 44-700 Epoxy Accelerator) is qualified for use on tanks and reservoirs of 1,000 gallons (3,785 L) capacity or greater, pipes 18 inches (46 cm) in diameter or greater, valves four (4) inches (10 cm) in diameter or greater and fittings four (4) inches (10 cm) in diameter or greater. Conforms to <b>AWWA D 102 Inside Systems No. 1 and No. 2</b> (with or without 44-700). Conforms to <b>AWWA C 210</b> (without 44-700). Contact your Tnemec representative for systems and additional information. A two-coat system at 4.0-6.0 dry mils (100-150 dry microns) per coat passes the performance requirements of MIL-PRF-4556F for fuel storage. Reference the "Search Listings" section of the NSF website at <a href="http://www.nsf.org">www.nsf.org</a> for details on the maximum allowable DFT.
<b>PERFORMANCE CRITERIA</b>	Extensive test data available. Contact your Tnemec representative for specific test results.

## COATING SYSTEM

<b>SURFACER/FILLER/PATCHER</b>	215, 217, 218
<b>PRIMERS</b>	Self-priming, 22, 91-H <sub>2</sub> O, 94-H <sub>2</sub> O, L140, L140F, N140F, V140, V140F, 141
<b>TOPCOATS</b>	<b>Interior:</b> Series 22, FC22, L140, L140F, N140, N140F, V140, V140F, 141, 406. <b>Exterior:</b> Series 27, 66, L69, L69F, N69, N69F, V69, V69F, 72, 73, L140, L140F, N140, N140F, V140, V140F, 156, 157, 161, 175, 180, 181, 446, 740, 750, 1028, 1029, 1074, 1074U, 1075, 1075U, 1077, 1078, 1080, 1081. Refer to COLORS on applicable topcoat data sheets for additional information. <b>Note:</b> The following recoat times apply for Series N140: Immersion Service—Surface must be scarified by blasting with fine abrasive after 60 days. Atmospheric Service—After 60 days, scarification or an epoxy tie-coat is required. When topcoating with Series 740 or 750, recoat time for N140 is 21 days. Contact your Tnemec representative for specific recommendations.

## SURFACE PREPARATION

<b>PRIMED STEEL</b>	<b>Immersion Service:</b> Scarify the epoxy prime coat surface by abrasive blasting with fine abrasive before topcoating if it has been exterior exposed for 60 days or longer and N140 is the specified topcoat.
<b>STEEL</b>	<b>Immersion Service:</b> SSPC-SP10/NACE 2 Near-White Blast Cleaning with a minimum angular anchor profile of 1.5 mils. <b>Non-Immersion Service:</b> SSPC-SP6/NACE 3 Commercial Blast Cleaning with a minimum angular anchor profile of 1.5 mils.
<b>CAST/DUCTILE IRON</b>	Contact your Tnemec representative or Tnemec Technical Services.
<b>CONCRETE</b>	Allow new concrete to cure 28 days. For optimum results and/or immersion service, abrasive blast referencing SSPC-SP13/NACE 6, ICRI-CSP 2-4 Surface Preparation of Concrete and Tnemec's Surface Preparation and Application Guide. Fill all holes, pits, voids and cracks with 215, 217 or 218.
<b>ALL SURFACES</b>	Must be clean, dry and free of oil, grease and other contaminants.

## TECHNICAL DATA

<b>VOLUME SOLIDS</b>	67.0 ± 2.0% (mixed—A, B & 44-700 Epoxy Accelerator) †
<b>RECOMMENDED DFT</b>	2.0 to 10.0 mils (50 to 225 microns) per coat. <b>Note:</b> MIL-PRF-4556F applications require two coats at 4.0-6.0 mils (100-150 microns) per coat. Otherwise, the number of coats and thickness requirements will vary with substrate, application method and exposure. Contact your Tnemec representative.

**CURING TIME AT 5 MILS DFT** Without 44-700 Accelerator:

Temperature	To Handle	To Recoat	Immersion
90°F (32°C)	5 hours	7 hours	7 days
80°F (27°C)	7 hours	9 hours	7 days
70°F (21°C)	9 hours	12 hours	7 days
60°F (16°C)	16 hours	22 hours	9 to 12 days
50°F (10°C)	24 hours	32 hours	12 to 14 days

Curing time varies with surface temperature, air movement, humidity and film thickness. **Note:** For valve applications allow 14 days cure at 75°F (24°C) prior to immersion. For pipe applications allow 30 days cure at 75°F (24°C) prior to immersion. **Ventilation:** When used in enclosed areas, provide adequate ventilation during application and cure. **Note:** Refer to product listing on [www.nsf.org](http://www.nsf.org) for specific potable water return to service information. **Note:** For faster curing and low temperature applications, add No. 44-700 Epoxy Accelerator, see separate product data sheet for cure information.

<b>VOLATILE ORGANIC COMPOUNDS</b>	<b>Unthinned:</b> 2.4 lbs/gallon (285 grams/litre) <b>Thinned 5% (#60):</b> 2.6 lbs/gallon (311 grams/litre) <b>Thinned 10% (#4):</b> 2.8 lbs/gallon (334 grams/litre) †
<b>HAPS</b>	<b>Unthinned:</b> 2.4 lbs/gal solids <b>Thinned 5% (#60):</b> 2.4 lbs/gal solids <b>Thinned 10% (#4):</b> 3.3 lbs/gal solids
<b>THEORETICAL COVERAGE</b>	1,070 mil sq ft/gal (27.2 m <sup>2</sup> /L at 25 microns). See APPLICATION for coverage rates. †
<b>NUMBER OF COMPONENTS</b>	Two: Part A (amine) and Part B (epoxy) — One (Part A) to one (Part B) by volume.

# POTA-POX® PLUS | SERIES N140

<b>PACKAGING</b>	5 gallon (18.9L) pails and 1 gallon (3.79L) cans - Order in multiples of 2. Reference 44-700 Epoxy Accelerator product data sheet for its packaging information.
<b>NET WEIGHT PER GALLON</b>	12.66 ± 0.25 lbs (5.82 ± .11 kg) (mixed) †
<b>STORAGE TEMPERATURE</b>	Minimum 20°F (-7°C) Maximum 110°F (43°C)
<b>TEMPERATURE RESISTANCE</b>	(Dry) Continuous 250°F (121°C) Intermittent 275°F (135°C)
<b>SHelf LIFE</b>	Part A: 24 months; Part B: 12 months at recommended storage temperature.
<b>FLASH POINT - SETA</b>	Part A: 82°F (28°C) Part B: 80°F (27°C) 44-700: None
<b>HEALTH &amp; SAFETY</b>	Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product. <b>Keep out of reach of children.</b>

## APPLICATION

COVERAGE RATES	Dry MILS (MICRONS)	Wet MILS (MICRONS)	Sq Ft/Gal (m <sup>2</sup> /Gal)
Suggested	6.0 (150)	9.0 (230)	179 (16.6)
Minimum	2.0 (50)	3.0 (75)	537 (49.9)
Maximum	10.0 (225)	15.0 (375)	107 (10.0)

**Note:** Roller or brush application requires two or more coats to obtain recommended film thickness. Allow for overspray and surface irregularities. Wet film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. Reference the "Search Listings" section of the NSF website at [www.nsf.org](http://www.nsf.org) for details on the maximum allowable DFT. †

- MIXING**
1. Start with equal amounts of both Parts A & B.
  2. Using a power mixer, separately stir Parts A & B.
  3. (For accelerated version. If not using 44-700, skip to No. 4.) Add four (4) fluid ounces of 44-700 per gallon of Part A while Part A is under agitation.
  4. Add Part A to Part B under agitation, stir until thoroughly mixed.
  5. Both components must be above 50°F (10°C) prior to mixing. For application of the unaccelerated version to surfaces between 50°F to 60°F (10°C to 16°C) or the accelerated version to surfaces between 35°F to 50°F (2°C to 10°C), allow mixed material to stand 30 minutes and restir before using.
  6. For optimum application properties, the material temperature should be above 60°F (16°C).
- Note:** The use of more than the recommended amount of 44-700 will adversely affect performance.

**THINNING**

Use No. 4 or No. 60 Thinner. For air spray, thin up to 10% or 3/4 pint (380 mL) per gallon with No. 4 Thinner or thin up to 5% or 1/4 pint (190 mL) per gallon with No. 60 Thinner. For airless spray, roller or brush, thin up to 5% or 1/4 pint (190 mL) per gallon. **Caution: Series N140 NSF certification is based on thinning with No. 4 or No. 60 Thinner for tanks and only No. 60 Thinner for pipe, valves and fittings.** Use of any other thinner voids ANSI/NSF Std. 61 certification.

**POT LIFE**

Without 44-700 6 hours at 50°F (10°C) 4 hours at 75°F (24°C) 1 hour at 100°F (38°C)  
With 44-700 2 hours at 50°F (10°C) 1 hour at 75°F (24°C) 30 minutes at 100°F (38°C)

**SPRAY LIFE**

Without 44-700: 1 hour at 77°F (25°C) With 44-700: 30 minutes at 75°F (24°C)  
**Note:** Spray application after listed times will adversely affect ability to achieve recommended dry film thickness.

**APPLICATION EQUIPMENT**

**Air Spray**

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss JGA	E	765 or 704	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	75-100 psi (5.2-6.9 bar)	10-20 psi (0.7-1.4 bar)

**Airless Spray**

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.015"-0.019" (380-485 microns)	3000-4800 psi (207-330 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	60 mesh (250 microns)

Low temperatures or longer hoses require higher pot pressure. Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.  
**Roller:** Use 3/8" or 1/2" (9.5 mm to 12.7 mm) synthetic woven nap roller cover. Use longer nap to obtain penetration on rough or porous surfaces.  
**Brush:** Recommended for small areas only. Use high quality natural or synthetic bristle brushes.

**SURFACE TEMPERATURE**

Without 44-700: Min. 50°F (10°C), Max. 135°F (57°C) With 44-700: Min. 35°F (2°C), Max. 135°F (57°C)  
The surface should be dry and at least 5°F (3°C) above the dew point. Coating will not cure below minimum surface temperature.

**CLEANUP**

Flush and clean all equipment immediately after use with the recommended thinner or MEK.  
† Values may vary with color.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Tnemec Company, Inc. warrants only that its coatings represented herein meet the formulation standards of Tnemec Company, Inc. THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The buyer's sole and exclusive remedy against Tnemec Company, Inc. shall be for replacement of the product in the event a defective condition of the product should be found to exist and the exclusive remedy shall not have failed its essential purpose as long as Tnemec is willing to provide comparable replacement product to the buyer. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, ENVIRONMENTAL INJURIES OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Tnemec Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.



102 NE 2nd Street  
Suite 510  
Boca Raton FL 33432  
(954) 483 9269 Cell  
Arturo Garcia, President  
arturo@wws-llc.com  
meredith@wws-llc.com  
wws-llc.com

RE: BOESCH PUMPS REFERENCES

TO WHOM IT MAY CONCERN,

Please find attached Boesch Pumps list of references, together with Wastewater Solutions, LLC list of references.

Boesch Pumps is a global manufacturer who has expanded nationally across the United States, with pumps most recently being installed for municipal use in the City of Henderson Water and Utility Department in Henderson, Kentucky, The US Army Corp of Engineers Ice Harbor Lock Dam project, The National Fish and Wildlife Commission Coleman National Fish Hatchery in Anderson, California, and the City of Hollywood Department of Public Utilities in Hollywood, Florida.

In addition, many drillers, such as AMPS Aquifer Maintenance, located in West Palm Beach, Florida, are also installing Boesch Pumps in their many projects and are very satisfied with the quality and value that Boesch Pumps provide.

Globally, Boesch Pumps have been used in the oil, gas, agricultural, and mining markets.

Boesch Pumps adhere to all NSF epoxy and coating standards, in addition to being ISO 9001:2015 Certified.

We, as Wastewater Solutions, LLC, are also very experienced in the installation of large vertical turbine projects and have recently installed three (3) 100 HP, 16" column, Vertical Turbine Pumps and Motors at the Hoover Dam with the Bureau of Reclamation. Attached, you will find our CPARS report from the Federal Government, with stellar reviews on our service and dedication.

Thank you for your consideration,

Arturo Garcia



102 NE 2nd Street  
Suite 510  
Boca Raton FL 33432  
(954) 483 9269 Cell  
arturo@wws-llc.com  
meredith@wws-llc.com  
wws-llc.com

### BOESCH PUMPS LIST OF REFERENCES-DOMESTIC

Luis Montoya  
Water Treatment Plant Operations Superintendent  
CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
3441 Hollywood Blvd.  
Hollywood, Florida 33021  
Phone: 954-967-4230  
Email: [lmontoya@hollywoodfl.org](mailto:lmontoya@hollywoodfl.org)

Meg Ankrom  
Contract Performance Specialist  
US ARMY CORPS OF ENGINEERS  
ICE HARBOR PROJECT  
2763 Monument Drive  
Burbank, WA 99323  
Phone: 509-543-3255  
Email: [Meg.m.ankrom@usace.army.mil](mailto:Meg.m.ankrom@usace.army.mil)

Lonnie Sullivan  
Maintenance Mechanic  
NATIONAL FISH AND WILDLIFE SERVICE  
COLEMAN FISH HATCHERY  
24411 Coleman Fish Hatchery Rd  
Anderson, California 96007  
Phone: 530 365-8622  
Email: [Lonnie\\_Sullivan@fws.gov](mailto:Lonnie_Sullivan@fws.gov)

Derek R. Sanders  
Maintenance Supervisor  
HENDERSON WATER UTILITY  
205 Drury Lane  
Henderson, KY 42420  
Phone: 270-869-6595  
Email: [sandersd@hkywater.org](mailto:sandersd@hkywater.org)

Jeremy Chaja  
Chief Plant Operator  
LAGUNA COUNTY SANITATION DISTRICT  
SANTA BARBARA COUNTY, CALIFORNIA  
3500 BLACK RD  
SANTA MARIA, CA 93455  
Phone: 805-934-6282  
Email: [jchaja@cosbpw.net](mailto:jchaja@cosbpw.net)

Aaron L. Corgard  
Contract Performance Specialist  
U.S. ARMY CORPS OF ENGINEERS  
LOWER GRANITE LOCK AND DAM  
885 Almoda Ferry Road  
Pomeroy, WA 99347-9632  
Phone: 509-843-2216  
Email: [Aaron.L.Corgard@usace.army.mil](mailto:Aaron.L.Corgard@usace.army.mil)

Jayne L. Prindible  
Administrative Director  
AMPS, INC.  
AQUIFER MAINTENANCE & PERFORMANCE SYSTEMS, INC.  
7146 Haverhill Road N.  
West Palm Beach, FL 33407  
Phone: 954-967-4230  
Email: [ampsjlp@gmail.com](mailto:ampsjlp@gmail.com)

Kyle Wilson  
Utilities Maintenance Manager  
UTILITIES & ENERGY – CPEM  
UNIVERSITY OF OREGON  
1295 Franklin Avenue  
Eugene, Oregon 97403  
Phone: 541-346-2246  
Email: [rwilson2@uoregon.edu](mailto:rwilson2@uoregon.edu)

### BOESCH PUMPS LIST OF REFERENCES-INTERNATIONAL

Willy Anderson Salgado (COLOMBIA)  
Phone +57 310 817612  
Email: [wsalgadobomcol@gmail.com](mailto:wsalgadobomcol@gmail.com)

Hernandez Milcar (DRINKING WATER MEXICO)  
Email [amilcar.hernandez@gruporable.com](mailto:amilcar.hernandez@gruporable.com)

Eugenio Orellana (ANDA, EL SALVADOR)  
Phone: +503 7871 9062  
Email: [eorellana@sief.com.sv](mailto:eorellana@sief.com.sv)  
Ysrael Urquizo (SEDAPAL, PERU) Phone +51 986 605 700  
Email: [proyectos@qh-ingenieria.com](mailto:proyectos@qh-ingenieria.com)

Franklin Diaz (VENEZUELA)  
Phone +58 414-5269555  
Email [cafetal4@gmail.com](mailto:cafetal4@gmail.com) [www.serplotca.com](http://www.serplotca.com)



Arturo Garcia &lt;arturo@wws-llc.com&gt;

---

**Boesch Pump**

3 messages

**Sanders, Derek** <derek.sanders@hkywater.org>

Tue, Oct 8, 2019 at 8:32 AM

To: Arturo Garcia &lt;arturo@wws-llc.com&gt;

Cc: Hector Cordova &lt;hector@wws-llc.com&gt;, Meredith Rae &lt;meredith@wws-llc.com&gt;

Arturo,

Just wanted to let you know that the Pump is doing GREAT !!! Since you and Hector left, all we've done is make one minor adjustment of the packing. The operators are very happy with the job the pump is doing and Shane was at the Pump House yesterday and he said that this is one of the cooler running motors he's been around.

I want to thank you for teaching us a few tips while you were here for start-up and I look forward to working with you in the future.

Again, feel free to use my name as a reference and I will be happy to discuss what I really like about the Boesch Pump. (Stainless Steel Hardware, Locking Spider Bearings, Overall Quality, etc.)

What was the material used as the bearing in the Spider Bearings??? I know you told me while you were here, but I was telling our engineer about it and he was possible wanting to spec that material out for our future purchases. If you have any literature on it, I would be very interested in checking it out.

I hope you have a great day (It was 43 degrees here this morning..... lol)

Derek

**Derek R. Sanders****Henderson Water Utility****Maintenance Supervisor**

205 Drury Lane

Henderson, KY 42420

[derek.sanders@hkywater.org](mailto:derek.sanders@hkywater.org)[www.hkywater.org](http://www.hkywater.org)

270.869.6595 – Office

270.823.2730 – Cell

270.826.9343 – Fax



Meredith Rae <meredith@wws-llc.com>

# 140D7020PA002-P00001 Fort Apache Dam Water Drawdown Pumps Purchase Order Modification

1 message

**Glenn, Shelly D** <shelly\_glenn@ibc.doi.gov> Fri, May 1, 2020 at 10:47 AM  
To: Meredith Rae <meredith@wws-llc.com>  
Cc: Arturo Garcia <arturo@wws-llc.com>, "Shuter, William J" <William.Shuter@bia.gov>, "Chick, Cynthia S" <CYNTHIA\_S\_CHICK@ibc.doi.gov>

Good Morning Ms. Rae,

Thank you so much for working with us on this purchase order. Attached is a copy of the fully-executed modification. You have been a phenomenal contractor to work with! Your continued communications and responsiveness have been very much appreciated!

We hope you and the Wastewater team have continued good health!

-Shelly



Shelly D. Glenn  
Contract Specialist, Branch III, Div V  
Acquisition Services Directorate  
Interior Business Center  
U.S. Department of the Interior  
303-980-3875  
[www.doi.gov/IBC](http://www.doi.gov/IBC)

*Your Focus: Your Mission*

*Our Focus: YOU*



Meredith Rae &lt;meredith@wws-llc.com&gt;

---

**RE: [Non-DoD Source] Re: FW: HellsGate (UNCLASSIFIED)**

1 message

---

**Corgard, Aaron L CIV USARMY CENWW (USA)** <Aaron.L.Corgard@usace.army.mil>

Tue, May 19, 2020 at 5:42 PM

To: Meredith Rae &lt;meredith@wws-llc.com&gt;, "Powell, William J (Bill) CIV USARMY CENWW (USA)" &lt;William.J.Powell@usace.army.mil&gt;

Cc: "arturo@wws-llc.com" &lt;arturo@wws-llc.com&gt;

CLASSIFICATION: UNCLASSIFIED

Meredith,

Thank you very much for the follow up with this process so far. We are very impressed with your responsiveness and attention to detail. We look forward to receiving your product. This process has been Great so far.

Thanks again,

Aaron L. Corgard  
Contract Performance Specialist  
U.S. Army Corps of Engineers  
Lower Granite Lock and Dam  
885 Alмота Ferry Road  
Pomeroy, WA 99347-9632  
(Phone) 509.843.2216  
(Fax) 509.843.3339

-----Original Message-----

From: Meredith Rae [mailto:[meredith@wws-llc.com](mailto:meredith@wws-llc.com)]

Sent: Tuesday, May 19, 2020 12:09 PM

To: Powell, William J (Bill) CIV USARMY CENWW (USA) <[William.J.Powell@usace.army.mil](mailto:William.J.Powell@usace.army.mil)>Cc: [arturo@wws-llc.com](mailto:arturo@wws-llc.com); Corgard, Aaron L CIV USARMY CENWW (USA) <[Aaron.L.Corgard@usace.army.mil](mailto:Aaron.L.Corgard@usace.army.mil)>

Subject: Re: [Non-DoD Source] Re: FW: HellsGate

Good afternoon,

Thank you so much. We are releasing the order to production.

Please let us know if there is anything else you need.

Thank you again for the opportunity!

Meredith Rae

<Blocked<http://www.wws-llc.com/uploads/7/6/3/4/76346731/1468011080.png>>



102 NE 2nd Street  
Suite 510  
Boca Raton FL 33432  
(954) 483 9269 Cell  
arturo@wws-llc.com  
meredith@wws-llc.com  
wws-llc.com

## WASTEWATER SOLUTIONS REFERENCES OF PAST PERFORMANCE

Shelly D. Glenn  
Contract Specialist, Branch III, Div V  
U.S. DEPARTMENT OF THE INTERIOR  
7301 W. Mansfield Ave, MS D2940  
Lakewood, CO 80235  
Phone: 303-980-3875  
Email: shelly\_glenn@ibc.doi.gov

Jennifer Garcia  
BUREAU OF RECLAMATION  
HOOVER DAM  
Lower Colorado Region-Yuma Area Office  
7301 Calle Agua Salada  
Yuma, AZ 85634  
Phone: 928-343-8128  
Email: jgarcia@usbr.gov

Andres Delgado  
Director Of Public Works  
CITY OF HIALEAH GARDENS  
13601 N.W. 107th Avenue  
Hialeah Gardens, Florida 33018  
Phone: 305-877-8273  
Email: adelgado@cityofhialeahgardens.com

Luis Montoya  
Water Treatment Plant Operations Superintendent  
CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
3441 Hollywood Blvd.  
Hollywood, Florida 33021  
Phone: 954-967-4230  
Email: lmontoya@hollywoodfl.org

Meg Ankrom  
Contract Performance Specialist  
US ARMY CORPS OF ENGINEERS  
ICE HARBOR PROJECT  
2763 Monument Drive  
Burbank, WA 99323  
Phone: 509-543-3255  
Email: Meg.m.ankrom@usace.army.mil

Rick Giangrande  
Fleet Acquisition Specialist  
PASCO COUNTY  
7578 State Street  
New Port Richey, Florida 34654  
Phone: 727-834-3739 Ext.7536  
Email: [Rgiangrande@pascocountyfl.net](mailto:Rgiangrande@pascocountyfl.net)

SK3 Chelsea Pincay  
US COAST GUARD  
USCG BASE NEW ORLEANS  
1790 Saturn Blvd.  
New Orleans LA 70129  
Phone: 504-253-4896  
Email: Chelsea.L.Pincay@uscg.mil

Lonnie Sullivan  
Maintenance Mechanic  
NATIONAL FISH AND WILDLIFE SERVICE  
COLEMAN FISH HATCHERY  
24411 Coleman Fish Hatchery Rd  
Anderson, California 96007  
Phone: 530 365-8622  
Email: Lonnie\_Sullivan@fws.gov

Derek R. Sanders  
Maintenance supervisor  
HENDERSON WATER UTILITY  
205 Drury Lane  
Henderson, KY 42420  
Phone: 270-869-6595  
Email: sandersd@hkywater.org

Jeremy Chaja  
Chief Plant Operator  
LAGUNA COUNTY SANITATION DISTRICT  
SANTA BARBARA COUNTY, CALIFORNIA  
3500 BLACK RD  
SANTA MARIA, CA 93455  
Phone: 805-934-6282  
Email: [jchaja@cosbpw.net](mailto:jchaja@cosbpw.net)

Jayne I. Prindible  
AMPS, INC.  
AQUIFER MAINTENANCE & PERFORMANCE SYSTEMS, INC.  
7146 Haverhill Road N.  
West Palm Beach, FL 33407  
Phone: 954-967-4230  
Email: [ampsjlp@gmail.com](mailto:ampsjlp@gmail.com)

Kyle Wilson  
Utilities Maintenance Manager  
UTILITIES & ENERGY – CPFM  
UNIVERSITY OF OREGON  
1295 Franklin Avenue  
Eugene, Oregon 97403  
Phone: 541-346-2246  
Email: [rwilson2@uoregon.edu](mailto:rwilson2@uoregon.edu)

Marcus Spiegelberg  
Director Of Operations  
DOUGLAS ORR PLUMBING  
301 Flagler Drive Miami Springs, Fl. 33166  
Phone: (305) 887-1687  
Email: [marcus@orrplumbing.com](mailto:marcus@orrplumbing.com)

Ronnie S. Navarro,  
Pe Deputy Director / City Engineer  
CITY OF DANIA BEACH  
[rnavarro@daniabeachfl.gov](mailto:rnavarro@daniabeachfl.gov)  
Public Services Department  
1201 Stirling Road  
Dania Beach, FL 33004  
Phone: 954-924-6808

Robert Shaw  
FLORIDA POWER AND LIGHT  
700 Universe Blvd.  
Juno Beach, FL 33408  
Phone: 561-818-1668  
Email: robert.shaw@fpl.com

FOR OFFICIAL USE ONLY / SOURCE SELECTION INFORMATION - SEE FAR 2.101, 3.104, AND 42.1503

**CONTRACTOR PERFORMANCE ASSESSMENT REPORT (CPAR)****Nonsystems****Name/Address of Contractor:**

Company Name: WASTEWATER SOLUTIONS LLC

Division Name:

Street Address: 14031 SW 143 CT STE 6

City: MIAMI

State/Province: FL Zip Code: 331865745

Country: USA

CAGE Code:

DUNS Number: 079918568

PSC: 4320 NAICS Code: 333996

**Evaluation Type:** Final**Contract Percent Complete:****Period of Performance Being Assessed:** 06/19/2018 - 11/16/2018**Contract Number:** 140R3018P0065 **Business Sector & Sub-Sector:** Nonsystems - Facilities Supplies**Contracting Office:** LOWER COLORADO REGIONAL OFFICE **Contracting Officer:** VIRGINIA TOLEDO **Phone Number:** 928-343-8136**Location of Work:****Award Date:** 06/19/2018 **Effective Date:** 06/19/2018**Completion Date:** 11/09/2018 **Estimated/Actual Completion Date:** 11/16/2018**Total Dollar Value:** **Current Contract Dollar Value:****Complexity:** Low **Termination Type:** None**Competition Type:** Competed under SAP **Contract Type:** Firm Fixed Price**Key Subcontractors and Effort Performed:****DUNS:****Effort:****DUNS:****Effort:****DUNS:****Effort:****Project Number:****Project Title:**

Replacement of Vertical Turbine Pumps

**Contract Effort Description:**

Supply three vertical turbine pumps for the Hoover Dam sump

**Small Business Subcontracting:**

Does this contract include a subcontracting plan? No

Date of last Individual Subcontracting Report (ISR) / Summary Subcontracting Report (SSR): N/A

<b>Evaluation Areas</b>	<b>Past Rating</b>	<b>Rating</b>
Quality:	N/A	Satisfactory
Schedule:	N/A	Satisfactory
Cost Control:	N/A	N/A
Management:	N/A	Satisfactory
Small Business Subcontracting:	N/A	N/A
Regulatory Compliance:	N/A	Satisfactory
Other Areas:		
(1) :		N/A
(2) :		N/A
(3) :		N/A

FOR OFFICIAL USE ONLY

FOR OFFICIAL USE ONLY / SOURCE SELECTION INFORMATION - SEE FAR 2.101, 3.104, AND 42.1503

**Variance (Contract to Date):**

Current Cost Variance (%): Variance at Completion (%):

Current Schedule Variance (%):

**Assessing Official Comments:**

QUALITY: Contractor furnished equipment that met all salient characteristics

SCHEDULE: Contractor delivered the equipment within a week of the Period of Performance

MANAGEMENT: Contractor communicated in a cordial manner; sought clarifications and Government approval of design as needed; and sent periodic progress updates.

REGULATORY COMPLIANCE: The Contractor complied with all contractual requirements.

**RECOMMENDATION:**

Given what I know today about the contractor's ability to perform in accordance with this contract or order's most significant requirements, I would recommend them for similar requirements in the future.

**Name and Title of Assessing Official:**

Name: VIRGINIA TOLEDO

Title: Contracting Officer

Organization: BOR - Yuma Area Office

Phone Number: (928) 343-8136 Email Address: vtoledo@usbr.gov

Date: 11/28/2018

**Contractor Comments:**

ADDITIONAL/OTHER: Contractor agrees with the ratings assigned.

CONCURRENCE: I concur with this evaluation.

**Name and Title of Contractor Representative:**

Name: MEREDITH RAE

Title: Vice President

Phone Number: 6467653799 Email Address: meredith@wws-llc.com

Date: 11/28/2018

**Review by Reviewing Official:**

Review by Reviewing Official not required.

**Name and Title of Reviewing Official:**

Name:

Title:

Organization:

Phone Number: Email Address:

Date:

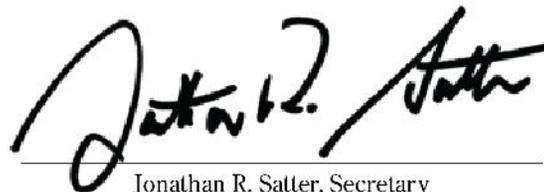
FOR OFFICIAL USE ONLY

# State of Florida

## Minority Business Certification

### Wastewater Solutions, LLC

Is certified under the provisions of  
287 and 295.187, Florida Statutes, for a period from:  
01/08/2021 to 01/08/2023



Jonathan R. Satter, Secretary  
Florida Department of Management Services

# *State of Florida*

## *Department of State*

I certify from the records of this office that WASTEWATER SOLUTIONS LLC is a limited liability company organized under the laws of the State of Florida, filed on August 14, 2014.

The document number of this limited liability company is L14000127855.

I further certify that said limited liability company has paid all fees due this office through December 31, 2021, that its most recent annual report was filed on February 4, 2021, and that its status is active.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Fourth day of February, 2021*



*Ronald R. DeSantis*  
*Secretary of State*

Tracking Number: 2425116811CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/07/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Liberty Mutual Insurance PO Box 188065  Fairfield OH 45018		<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): 800-962-7132 FAX (A/C, No): 800-845-3666 E-MAIL ADDRESS: BusinessService@LibertyMutual.com	
<b>INSURED</b> Wastewater Solutions Llc 102 Ne 2nd St Ste 510  Boca Raton FL 33432		<b>INSURER(S) AFFORDING COVERAGE</b> INSURER A : Ohio Security Insurance Company NAIC # 24082 INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :	

**COVERAGES**

CERTIFICATE NUMBER: 0005794508

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	X	BKS58450670	12/05/2021	12/05/2022	EACH OCCURRENCE \$ 100000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300000 MED EXP (Any one person) \$ 15000 PERSONAL & ADV INJURY \$ 100000 GENERAL AGGREGATE \$ 2000000 PRODUCTS - COMP/OP AGG \$ 2000000 \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

\*\*\*Proof of Insurance\*\*\*

**CERTIFICATE HOLDER****CANCELLATION**

Wastewater Solutions Llc 102 Ne 2nd St Ste 510  Boca Raton FL 33432	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
--	---

© 1988-2015 ACORD CORPORATION. All rights reserved.

