



# REQUEST FOR QUOTATION

PLEASE COMPLETE THE FOLLOWING CONTACT INFORMATION:

## NOTES

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Contact Name: \_\_\_\_\_

Contact Title: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-mail: \_\_\_\_\_

1. Quoted prices are to be net thirty (30) calendar days: all discounts are to be deducted and reflected in net prices.
2. The County reserves the right to reject any and/or all quotes, to waive any technicalities in the quote, and to take whatever action is in the best interest of Washington County, Maryland.
3. The County is exempt from State of Maryland Sales Tax. The County's Maryland Sales Tax Exemption Number is 3000129 2.

### RETURN QUOTATIONS TO:

WASHINGTON COUNTY PURCHASING DEPARTMENT  
 Washington County Administration Complex  
 100 West Washington Street, Third Floor, Suite 3200  
 Hagerstown, Maryland 21740  
**Attention:** Brandi Naugle, CPPB, Buyer,  
**Telephone Number:** 240-313-2330

REQUEST FOR QUOTATION  
**THIS IS NOT  
 AN ORDER**

DATE ISSUED

8/24/2022

DELIVERY WANTED

See Attachment

### DESCRIPTION

#### FOUNTAIN HEAD PUMP STATION PUMP REPLACEMENT Q-22-734

*(See Attached Instructions & Specifications)*

**QUOTATION DUE: Wednesday, September 21, 2022, no later than 3:00 P.M., (EDT/EST)** and must be time-stamped in the Purchasing Department. Opening of quotations will follow. Interested parties are invited to hear a reading of the quotes. All quoters who wish to hear a reading of the quotes shall call prior to the teleconference 240-313-2330 to receive instructions.

**QUOTATIONS TO BE ADDRESSED TO:** Washington County Purchasing Department, Attn: Brandi Naugle, CPPB, Buyer, Washington County Administration Complex, 100 West Washington Street, Third Floor, Suite 3200, Hagerstown, Maryland, 21740 and enclosed in a sealed opaque envelope marked "**QUOTATION – (Q-22-734) FOUNTAIN HEADPUMP STATION PUMP REPLACEMENT**" and bearing the vendor's name and address.

Having received clarification on all items of conflict or upon which any doubt arose, the undersigned proposed to furnish all labor, materials and equipment called for by said specifications and instructions for the **TOTAL LUMP SUM QUOTATION**.

**NOTE: This page is to be returned with the Form of Proposal**

We quote you as above - F.O.B. \_\_\_\_\_

Official Signature \_\_\_\_\_

Name Printed \_\_\_\_\_

Telephone Number \_\_\_\_\_

Acknowledge Addenda # \_\_\_\_\_ Date \_\_\_\_\_

# \_\_\_\_\_ Date \_\_\_\_\_, # \_\_\_\_\_ Date \_\_\_\_\_

Delivery/Service can be performed no later than \_\_\_\_\_ calendar days from receipt of order.

Date \_\_\_\_\_

**Q-22-734  
REQUEST FOR QUOTATION**

**FOUNTAIN HEAD PUMP STATION PUMP REPLACEMENT**

**INSTRUCTIONS**

1. **QUOTATION SUBMISSION:** Quotations are to be submitted enclosed in a sealed opaque envelope bearing the name and address of the firm submitting the quote and marked **“QUOTATION – (Q-22-734) FOUNTAIN HEAD PUMP STATION PUMP REPLACEMENT”**. Quotations are to be addressed to Brandi Naugle, CPPB, Buyer, Washington County Purchasing Department, Washington County Administration Complex, 100 West Washington Street, Third Floor, Suite 3200, Hagerstown, Maryland, 21740. **Please direct all inquiries to Brandi Naugle, CPPB, Buyer, at 240-313-2330, Fax - 240-313-2331. *Facsimile or Electronic Quotes will not be accepted.***
  
2. **QUOTATION OPENING:** Quotations must be received and time-stamped in the Purchasing Department no later than **3:00 P.M., (EDT/EST) Wednesday, September 21, 2022**. Quotations will be opened and read at that time in the Washington County Administration Complex, Third Floor Conference Room 3000, 100 West Washington Street, Hagerstown, Maryland. All interested parties are invited to hear a reading of the quotes. All quoters who wish to hear a reading of the quotes by teleconference shall call prior to the meeting 240-313-2330 to receive instructions.
  
3. **PRE-QUOTATION CONFERENCE/TELECONFERENCE:**  
A Pre-Quotation Conference/Teleconference will be held in person in the Washington County Administration Complex, Third Floor Conference Room 3000, 100 West Washington Street, Hagerstown, Maryland 21740, **11:00 A.M., (EDT/EST) Wednesday, August 31, 2022**, at which time County personnel will be present to answer any questions. All interested quoters wishing to take part in the meeting by teleconference shall call prior to the teleconference 240-313-2330 to receive instructions. All interested quoters are requested to take part in the conference/teleconference. Participation in this meeting is not mandatory, but it is strongly encouraged.
  
- NOTE:** All Quoters must enter the Washington County Administrative Complex through either the front door at the 100 West Washington Street entrance or through the rear entrance (w/blue canopy roof) which is handicap accessible and must use the elevator to access the Purchasing Department to submit their quote and/or to attend the Pre-Quotation Conference and/or the Quote Opening. Alternate routes are controlled by a door access system. The general public will be subject to wand search and will be required to remove any unauthorized items from the building prior to entry. Prohibited items include but are not limited to: Weapons of any type; Firearms, ammunition and explosive devices; Cutting instruments of any type - including knives, scissors, box cutters, work tools, knitting needles, or anything with a cutting edge, etc.; Pepper spray, mace or any other chemical defense sprays; and Illegal substances.
  
4. **AWARD OF CONTRACT:** Washington County shall award the contract to the responsible, responsive low Quoter based on the total sum for the equipment. Carelessness in quoting prices,

*Instructions*

**Fountain Head Pump Station Pump Replacement**

Q-22-734

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or in preparation of quotation otherwise, will not relieve the Quoter. Erasures or changes in quotations must be initialed. Upon approval of the cost proposal, it is the County's intent to issue a Notice to Proceed (purchase order) within fourteen (14) days.

**5. BROCHURES, DESCRIPTIVE LITERATURE, MANUALS:**

- a. Firms submitting quotes shall furnish complete descriptive literature and specifications of the equipment upon which the Quotation is based. Refer to the General Conditions.
- b. Failure to comply with this requirement may be ample cause for rejection of the Quotation.

**6. DELIVERY:** The New Pump shall be delivered to 16232 Elliott Parkway, Williamsport, MD 21795. The successful Quoter shall guarantee delivery of the New Pump as specified herein, no later than ninety (90) consecutive calendar days after notice of award. All delivery costs and charges shall be included in the Quotation.

**7. DISCOUNTS:** Quoted prices are to be net thirty (30) calendar days; all discounts are to be deducted and reflected in net prices.

**8. DISPUTES:** In cases of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the County Commissioners or authorized representative shall be final and binding on both parties.

**9. EQUAL OPPORTUNITY:** The Board of County Commissioners of Washington County, Maryland does not discriminate on the basis of race, color, national origin, sex, religion, age and disability in employment or the provision of services. Individuals requiring special accommodations are requested to contact the Purchasing Department at 240-313-2330 Voice, TDD Dial 711 to make arrangements no later than seven (7) calendar days prior to the Quotation Opening.

**10. EXCEPTION:** The submission of a quotation shall be considered an agreement to all items, conditions, and specifications provided herein and in the various quotation documents unless specifically noted otherwise in the quotation.

**11. INTERPRETATION, DISCREPANCIES, OMISSIONS:** Should any Quoter find discrepancies in, or omissions from the documents or be in doubt of their meaning, or feel that the specifications are discriminatory, he/she should at once request, in writing, an interpretation from Brandi Naugle, CPPB, Buyer, Washington County Purchasing Department, Washington County Administration Complex, 100 West Washington Street, Suite 3200, Hagerstown, Maryland, 21740, Fax: 240-313-2331; or send questions in Microsoft Word platform via-email to [purchasingquestions@washco-md.net](mailto:purchasingquestions@washco-md.net).

All necessary interpretations will be issued to all Quoters by the Washington County Purchasing Director in the form of addenda to the specifications, and such addenda shall become part of the Contract Documents. Exceptions taken in no way obligates the County to change the specifications. Failure of any Quoter to receive any such addendum or interpretation shall not relieve such Quoter from any obligation under his/her quotation as submitted. The County will

assume no responsibility for oral instructions or suggestions. **ORAL ANSWERS WILL NOT BE BINDING ON THE COUNTY.** Any requests received after 4:00 P.M., (EDT/EST), Wednesday, September 7, 2022, may not be considered.

12. **LIQUIDATED DAMAGES:** Assessments shall be made at the rate of one percent (1%) of the quoted price, per unit, per day, for each unit not delivered by the due date. This assessment shall be deducted for the invoice price.
13. **MATERIAL AND WORKMANSHIP:** All equipment furnished shall be guaranteed to be new, unused and of current manufacture, to meet all requirements of the specifications, and to be in intended use condition at time of delivery. All workmanship shall be of high quality and accomplished in a professional manner so as to ensure functionality of the equipment.
14. **PAYMENT:** Payment will be made within thirty (30) calendar days after satisfactory acceptance and delivery of the new Pump. Invoices shall be submitted in duplicate to the Department of Water Quality, 16232 Elliott Parkway, Williamsport, MD 21795.
15. **PAYMENT OF COUNTY AND MUNICIPAL TAXES:** Effective October 1, 1993, in compliance with Section 1-106(b)(3) of the Code of the Public Local Laws of Washington County, Maryland, "If a Bidder has not paid all taxes owed to the County or a municipal corporation in the County, the County Commissioners may reject the Bidder's bid."
16. **POLITICAL CONTRIBUTION DISCLOSURE:** In accordance with Maryland Code, State Finance and Procurement Article, §17-402, the Bidder shall comply with Maryland Code, Election Law Article, Title 14, which requires that every person that enters into contracts, leases, or other agreements with the State, a county, or any incorporated municipality, or their agencies during a calendar year in which the person receives in the aggregate \$100,000 or more, shall file with the State Administrative Board of Election Laws a statement disclosing contributions in excess of \$500 made during the reporting period to a candidate for elective office in any primary or general election. The statement shall be filed with the State Administrative Board of Election Laws: (1) before a purchase or execution of a lease or contract by the State, a county, an incorporated municipality or their agencies, and shall cover the preceding two (2) calendar years; and (2) if the contribution is made after the execution of a lease or contract, then twice a year, throughout the contract term, on: (a) February 5, to cover the 6-month period ending January 31; and (b) August 5, to cover the 6-month period ending July 31.
17. **REDUCTION OF PRICES:** Any reduction of prices during the period of this contract shall be passed on to the Board of county Commissioners of Washington County, Maryland.
18. **RESERVATIONS:** The Board of County Commissioners of Washington County, Maryland, reserves the right to accept or reject any or all quotes, to waive formalities, informalities and technicalities therein. The Board reserves the right to contact a Quoter for clarifications and may, at its sole discretion, allow a Quoter to correct any and all formalities, informalities and technicalities in the best interest of Washington County, Maryland.

19. **SALES TAX:** Washington County Government is exempt from State of Maryland Sales Tax. The County's Maryland Sales Tax Exemption Number is 3000129 2. The County will provide a sales tax exemption certificate for the items provided under this contract.
20. **SUBSTITUTIONS:** Any Quoter who contemplates offering a pump that differs from that specified SHALL obtain the County's written approval prior to quotation opening. Substitution literature shall be received in the Purchasing Department **no later than 4:00 P.M., (EDT/EST), Wednesday, September 7, 2022.** Requests received after this deadline for substitutions may not be considered. All correspondence regarding this quote shall be directed to and issued by the Washington County Purchasing Department.
21. **CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION:** The Quoter/Vendor certifies, by submission of this Quotation or acceptance of this contract, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees by submitting this quotation that it will include this clause without modification in all lower tier transactions, solicitations, quotations, contracts, and subcontracts. Where the Quoter/Vendor or any lower tier participant is able to certify to this statement, it shall attach an explanation to this solicitation/proposal.
22. **QUOTER'S RESPONSIBILITY:** Prior to contracting, private corporations must either be incorporated in the State of Maryland or registered with the Maryland Department of Assessments and Taxation as a foreign corporation and must be in good standing. Proof of such standing is required prior to the start of the contracting process and shall remain in good standing during the contract period. The website for the State Department of Assessments and Taxation is: <https://egov.maryland.gov/businessexpress> and the phone numbers for the State Department of Assessments and Taxation are: **(410) 767-1184** or **(888) 246-5941.**

**Q-22-734**  
**REQUEST FOR QUOTATION**

**FOUNTAIN HEAD PUMP STATION PUMP REPLACEMENT**

**SPECIFICATIONS**

**PART 1 GENERAL CONDITIONS**

**1.1 DESCRIPTION**

Under this section, the representative shall provide the following equipment and material necessary to furnish one (1) Vertical Dry-Pit Vortex Style Pump Unit designed for wastewater service as specified herein. Furnish (1) one Vertical Direct Coupled Dry Pit Pumping Unit complete with all accessories and appurtenances as specified herein. The Pumping Unit shall be rated for continuous duty in accordance with the operating conditions defined in Table 1. Each unit shall be furnished with pump, driver, motor support with coupling and guard.

**1.2 QUALITY ASSURANCE**

Qualifications of Manufacturers: The pumps specified are based on the products manufactured by Landustrie Industries. Catalog numbers and references are given only as an indication of the quality of materials and workmanship to be used. Pumps are to be engineered and manufactured under a written Quality Assurance program. The Quality Assurance program is to have been in effect for at least five (5) years and shall include a written record of periodic internal and external audits to confirm compliance with such program.

**1.3 QUALITY CONTROL**

The Dry Pit Pumping Unit shall conform to all applicable requirements of ASTM, ANSI and Hydraulic Institute. For purposes of this specification, the revision and/or version of the referenced standards in effect on the date of public bid opening shall apply.

The Dry Pit Pumping Unit shall be the product of reputable manufacturers who have been regularly engaged in the design, manufacture and furnishing of Wastewater Pumping Equipment for at least ten (10) years. The manufacturer of the pump shall assume full responsibility and compatibility of the supplied components with the application. The unit shall be capable of passing through an access hatch with a clear opening of 23.00" x 25.75".

## **PART 2 PUMP CONSTRUCTION**

### **2.1 CASING**

The casing shall be designed for handling wastewater and activated sludge and shall be of cast iron conforming to ASTM A48, Class 30 or better, of sufficient thickness and suitably ribbed to withstand all stresses and strains of service at full operating pressure. The casing shall be non-concentric design with smooth passages of sufficient size to pass a 3" solid entering the impeller. The discharge connection shall be 125 lb. standard flanged connection. A minimum inlet and discharge size shall be as specified. The volute shall not have a replaceable suction cover. Double labyrinth of the impeller prevents debris from entering or clogging the suction side.

### **2.2 IMPELLER**

The impeller shall be a single channel, half closed screw shaped type, front and back dynamically balanced. Material shall be of Cast Iron GGG40 (EN-GJS-400-15), meeting the Ten State Standard requirement for the minimum solids passage size of 3 inches. The impeller shall be capable of passing 3-inch diameter spherical solids as are commonly found in wastewater. The impeller must not be required to shear or move axially to allow large solids passage.

The inlet side of the impeller must be provided with a double labyrinth to maintain high efficiency and to prevent debris from getting in between the impeller and volute. Efficiency must be maintained without the need for impeller adjustment.

### **2.3 SEALS**

Each pump shall be provided with a tandem mechanical shaft seal system consisting of two seal sets, each having an independent spring. The lower primary seal, located between the pump and seal chamber, shall contain one stationary and one positively driven rotating corrosion and abrasion resistant Silicon-carbide ring. The upper secondary seal, located between the seal chamber and the motor housing shall contain one stationary and one positively driven rotating corrosion and abrasion resistant Carbon- Ceramic seal ring. All seal rings shall be individual solid sintered rings. Each seal interface shall be held in place by its own spring system. The seals shall not depend upon direction of rotation for sealing. A mechanical seal in a cartridge configuration shall not be allowed. Pumps that require the use of foreign manufactured seals shall not be acceptable.

### **2.4 PUMP SHAFT**

The shaft shall be machined from a solid 416 stainless steel forging and be a design that is of large diameter with minimum overhang to reduce shaft deflection and prolong bearing life. The shaft-end shall be conical shaped with a key slot.

## 2.5 PUMP BEARINGS

An upper angular contact bearing to handle radial loads and a lower thrust bearing shall be an angular contact bearing shall be required ball bearing to handle the thrust and radial forces. These shall be heavy-duty single row ball bearings that are permanently lubricated by a high temperature grease. Double row, sealed grease packed bearings shall not be acceptable. Bearings that require lubrication according to a prescribed schedule shall not be acceptable. The upper radial bearing shall have a minimum B-10 life at the specified condition of 40,000 hours and the lower thrust bearing shall have a minimum B-10 life at the specified condition of 40,000 hours at any usable portion of the pump curve.

## 2.6 HARDWARE

The pump critical mating surfaces where watertight sealing is required shall be machined and fitted with Nitrile or Neoprene O-rings or gaskets. Fittings will be the result of controlled compression of rubber O-rings in two planes and O-ring contact of four sides without the requirement of a specific torque limit. All exposed nuts or bolts shall be of AISI316l stainless steel construction. All metal surfaces coming into contact with the pumpage, other than stainless steel or brass, shall be protected by a factory applied spray coating of Universal epoxy anticorrosive primer, and with a high film build, high solids, abrasion resistant epoxy coat paint finish on the exterior of the pump.

## 2.7 PUMP SUPPORT

The pump support system shall be of sufficient size, strength and rigidity to support the unit and prevent harmful or damaging vibration. The fabricated steel base shall be anchored to the concrete floor/pad using a minimum of four stainless steel anchor bolts.

## **PART 3 MOTOR, SUPPORT & COUPLING**

- 3.1 Each pump shall be driven by a vertical overhead, high ring base supported, pump motor, shall be an induction type with a squirrel cage rotor, housed in an air filled, watertight chamber. The stator windings shall be insulated with moisture resistant Class F insulation. The motor shall be inverter duty rated. The stator shall be heat-shrink fitted into the cast iron stator housing. The motor shall be designed for continuous duty while handling pumped media of up to 40°C. The motor shall be capable of no less than 30 evenly spaced starts per hour. Oil filled motors shall not be acceptable. Motor horsepower shall be sufficient so that the pump is non-overloading throughout its entire performance curve, from shut-off to run-out. The motor and cable shall be capable of continuous submergence underwater without loss of watertight integrity. Motors shall be rated 17hp, 1750RPM for three phase, 208/400 volts, 60 hertz electrical service.



**PART 4 TESTING**

- 4.1 The natural frequency of the assembled pump and its supporting structure shall be at least 25 percent higher than the maximum pump excitation frequency. The pump shall operate within the vibration limits of the Hydraulic Institute.
- 4.2 The pumps shall be performance tested at the manufacturer's plant before shipment in accordance with Hydraulic Institute standards.
- 4.3 Each pump shall be hydrostatically tested at the manufacturer's plant before shipment in accordance with Hydraulic Institute standards.

**PART 5 FIELD SERVICE**

One half days of Field Service shall be provided by an authorized, factory trained representative of the Pump Manufacturer. Services shall include, but not necessarily be limited to, inspection of the completed installation to ensure that it has been performed in accordance with the manufacturer's instructions and recommendations, supervision of all field testing and activation of the Manufacturer's Prescribed Warranty.

## PERFORMANCE DATA

Pump Item Number.....BWP42-41VM  
Number of units required.....(1) One

### Rated Duty Point Condition

Capacity (Flow) .....287 GPM  
TDH (Total Dynamic Head).....52 Feet  
NPSHR (Net Positive Suction Head Required).....8 Feet

Minimum Shutoff Head .....65 Feet  
Minimum motor horsepower required.....17 HP  
Electrical Characteristics Required.....208 Volt 60 Hz. 3Ph.  
Maximum pump operating speed.....1750 RPM

Minimum Suction Size .....5 inches  
Minimum Discharge Size .....4 inches  
Minimum Solid Size required to pass through Impeller.....3 inches diameter  
Liquid to be Pumped..... raw sewage

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**FOUNTAIN HEAD PUMP STATION PUMP REPLACEMENT**

**FORM OF PROPOSAL**

Item No.	Item Description	Unit of Measure	Qty	Unit Price <i>(Figures)</i>	Total Price <i>(Figures)</i>
1	Furnish and deliver a New Vertical Dry-Pit Vortex Style Pump Unit as specified herein:  _____ Dollars (Written)  _____ Cents <b>per</b> (Written)	Ea.	1	\$ _____ (Figures)	\$ _____ (Figures)
<p align="center"><b>TOTAL LUMP SUM (Item No. 1 above)</b></p> _____ Dollars (Written)  _____ Cents (Written)				\$ _____ (Figures)	

VENDOR'S COMPANY/FIRM: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

AUTHORIZED SIGNATURE: \_\_\_\_\_

NAME AND TITLE PRINTED: \_\_\_\_\_

TELEPHONE / FAX NUMBER: \_\_\_\_\_ / \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

DATE: \_\_\_\_\_

FEDERAL EMPLOYER'S IDENTIFICATION NO. \_\_\_\_\_

REMARKS/EXCEPTIONS:

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