



Request for Proposal
Purchase of
Culinary Water Pump
And
Installation

Willard City Corporation
80 W 50 S
PO Box 593
Willard, UT 84340

435-734-9881

Fax 435-723-6164

willardcity@comcast.net

Deadline for Submittal

05 / 31 / 2019



1.0 BACKGROUND

Willard City operates and maintains a water supply and water distribution system within the Willard City limits.

2.0 INTRODUCTION

Willard City is Requesting Proposals from Bidders to furnish and install a culinary water pump to replace current pump installed in the early to mid- 1990's. Specifications for the Pump Design, Motor Design, Electrical Cable and Discharge Column in Appendix A.

A bid list with a break out of specific items is listed on Appendix B, Including options for a 100 HP and 125 HP pump.

All questions pertaining to this RFP shall be directed to Doug Thompson, Public Works Supervisor and Water System Manager at 435-734-9881. The due date and time for this RFP is May 31, 2019 no later than 1:00 p.m.

3.0 RFP SUBMITTAL AND REQUESTED INFORMATION

- (a) Introduction: provide a brief letter of introduction on the Bidder's letterhead transmitting all RFP information;
- (b) References: Upon request; provide information and references on supplying similar pump and installation.
- (c) Price quotation will be valid for a minimum of 45 days from the submittal deadline.
- (d) Proposal Form: To be completed in Appendix B;
- (e) The RFP proposal form shall be submittal in a sealed envelope, marked on the outside: "Willard City Culinary Pump Furnish and Installation" and shall be addressed to:

Willard City Corporation
80 W 50 S
PO Box 593
Willard, UT 84340

Deadline for Submittal:
May 31, 2019 1:00 p.m.



4.00 PRINCIPALS AND REJECTION STATEMENT

Suppliers are advised that Willard City will only deal with the principals or their designated agents with regard to this RFP. Furthermore, it is to be understood by the principals and their agents that the City is not obligated to accept any proposal nor negotiate any proposal, and the City reserves the right to accept the proposal, which in its sole opinion will best serve the public interest.

5.0 OWNERSHIP OF SUBMITTED MATERIALS

All statements of qualifications and related materials received by the City become its property and may be returned only at the City's option.

6.0 ACCEPTANCE

Upon acceptance/approval of the RFP the successful bidder we will be notified. The successful bidder will be required to provide insurance documentation and a signed agreement furnished by Willard City.

Please direct any requests for information or clarification to the address below:

**Willard City
80 W 50 S
PO Box 593
Willard, UT 84340
Phone: 435-734-9881
Fax: 435-723-6164
Email: willardcity@comcast.net**



APPENDIX "A"
Specifications

1.0 **PUMP DESIGN**

A. General. Pump shall include an integral check valve designed into the discharge of the pump. Each impeller shall be fitted with a seal ring around its eye or skirt to prevent hydraulic loss. A filter screen shall be included as part of the suction inlet assembly. All metallic components of the pump shall be stainless steel. B. The pump shall have a warranty period of not less than 24 months after installation, or 30 months from date of manufacturing. Whichever comes first. The pump and motor shall be of a common manufacturer.

C. An electronic motor protector shall be made available. When used the warranty, of both pump and motor shall be extended 12 months.

D. The pump shall be NSF-61, annex G, compliant.

2.0 **MOTOR DESIGN**

A. General. The motor shall be a squirrel cage induction motor designed for continuous underwater operation in conformance with NEMA standards. A Kingsbury type thrust bearing shall be used to carry the pump down thrust load. The bearing shall be rated for a minimum of 130% of the maximum pump down thrust load. Motor shall be filled with a water & propylene glycol solution for cooling and lubrication. No oils or grease lubrication shall be used. A flexible diaphragm shall be provided to permit expansion of internal motor fluid. The shaft seal shall be a Nitrile Rubber lip seal or a Nitrile, Carbon, Carbide and/or Ceramic face seal. A mercury type shaft seal will not be acceptable.

B. The nameplate horse power shall not be exceeded at any point on the pump curve.

C. The motor shall have a warranty period of not less than 24 months after installation, or 30 months from date of manufacturing. Whichever comes first. The pump and motor shall be of a common manufacturer.

APPENDIX "A" (CONT.)

D. If used on a constant speed (non-VFD) system, an electronic motor protector shall be made available. When used the warranty, of both pump and motor, shall be extended 12 months.



E. The motor shall be NSF-61, annex G, compliant.

3.0 **ELECTRICAL CABLE**

A. General. The motor lead to electrical cable splice shall conform to IEEE and NEC standards. The electrical wire shall be annealed bare 19 stranded copper conductors insulated with PVC. All power conductors plus a ground conductor shall be jacketed in a flat heavy duty PVC jacketing. All cable shall be UL listed per UL83 Type TW Construction A, as Deep Well Submersible Cable. Power conductors shall be sized to allow no more than 5% of voltage loss in the entire length. Grounding conductor shall be sized per Table 24.3 of UL83. The electrical cable shall be strapped to the discharge column with stainless steel bands.

4.0 **DISCHARGE COLUMN**

A. General. The discharge column shall be of a black steel pipe conforming to ASTM A53 Grade A for sizes 6" or smaller. Thread shall be a .75" taper National Pipe Thread. For column lengths over 300 feet intermediate check valves shall be placed at intervals no greater than 200 feet. Intermediate check valves shall be of ductile iron construction and shall include a bronze break off plug.



APPENDIX "B"

Furnish and Install Culinary Water Pump

Option 1

- 100 HP – 460 Volt – Pump (8” motor)* \$ _____
- Pulling and setting pump \$ _____
- Pump end \$ _____
- Videoing Well \$ _____
- Brushing and Cleaning, if required (\$/hr and approximate time)
 \$/Hr: _____ Approx. Time: _____ \$ _____
- New Sounder Tube \$ _____
- Total Bid** \$ _____

*Pump 800 gallon per minute with 350 ft. head capable of producing 1,000 gallons per minute.

Option 2

- 125 HP – 460 Volt – Pump - Grundfos 1100S-1250-3(8” motor)*
 \$ _____
- Pulling and setting pump \$ _____
- Pump end \$ _____
- Videoing Well \$ _____
- Brushing and Cleaning, if required (\$/hr and approximate time)
 \$/Hr: _____ Approx. Time: _____ \$ _____
- New Sounder Tube \$ _____
- Optional variable drive \$ _____
- Total Bid** \$ _____

*Pump 1100 gallon per minute with 350 ft. head capable of producing 1,200 gallons per minute.



APPENDIX "C"

PROPOSAL

I, _____, _____
Individual's Name Office Held/Owner

OF

Company Name

Address

Submit herewith the enclosed Appendix "B" Request For Proposal - Furnish and Install
Culinary Water Pump per specifications in Appendix "A"

The price quoted on Appendix "B"

The price quoted on Appendix "B" is valid for the period from: _____ to
_____.

By: _____ Date: _____
Signature