Ivins City Staff Report
City Council Meeting 6/20/2019

Agenda Item: Discuss and consider approval of purchase of pumping equipment for Upper Shinava Pump Station

Submitted by: Charles R Gillette, P.E., Public Works Director and City Engineer

Recommended City Council Action:
Approve expenditure of $13,599 for pumping equipment for Upper Shinava Pump Station

BACKGROUND:
Ivins City is being required to install a pump station on the upper end of the Taviawk Tank Zone due to low pressures. Most homes in the area are on individual boosters due to the low pressure, but state rules do not allow individual boosters. The City needs to place this order for pumps now with plans to install in August or September.

FINDINGS AND ANALYSIS:
This has been quoted by Delco Western. When the pumps and quote was shared with the competitor asking for a competitive bid they indicated that they could not match the pricing. They did send a quote for equipment that was more than twice the price.

SUPPORT MATERIALS:
Map of Pump Station Area
Quotes

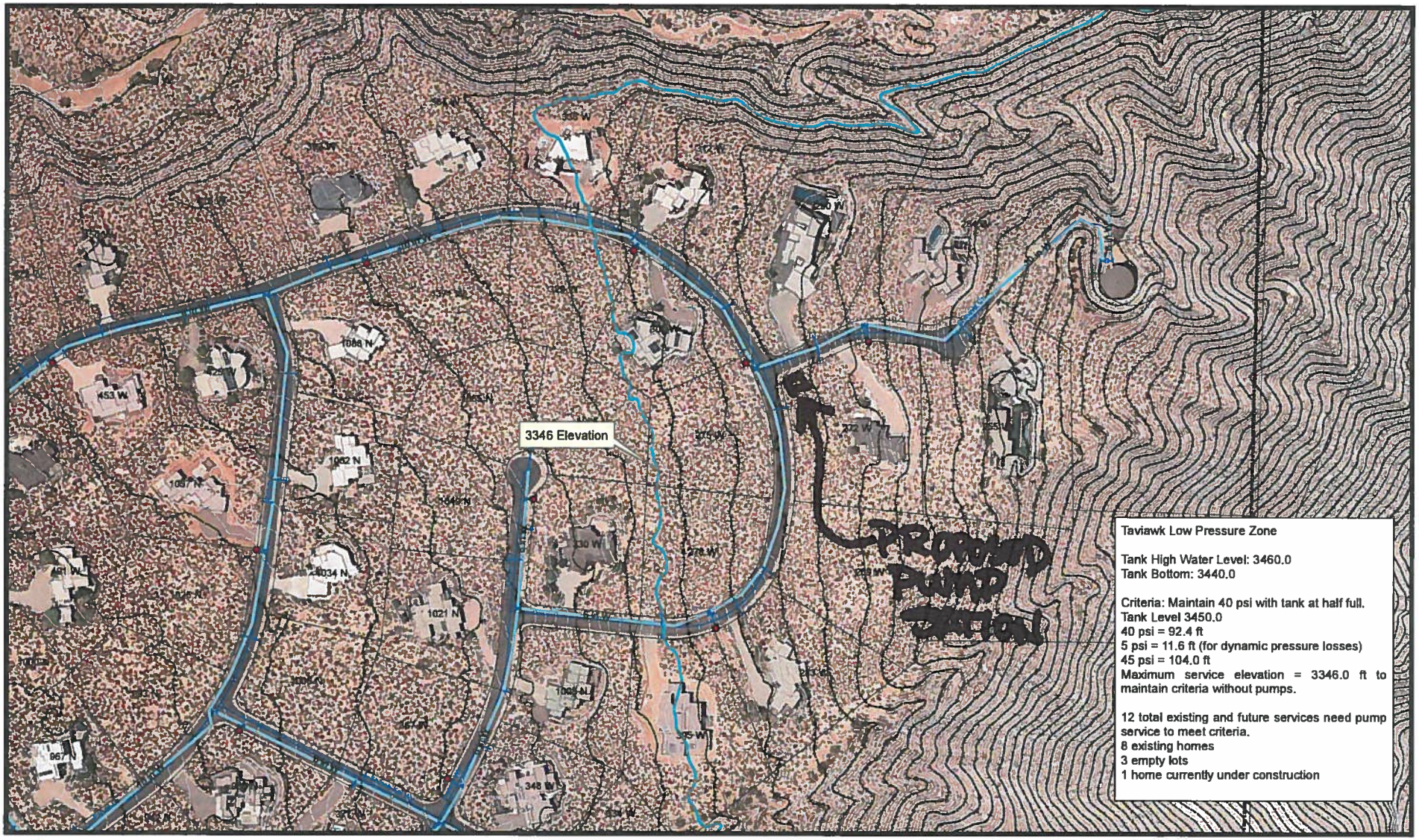
FINANCIAL IMPACT:
GL:51-4252.5: $13,599.00

Respectfully Submitted:

Charles Gillette, P.E., Public Works Director/City Engineer

Content Review:

Dale Coulam, City Manager



Taviawk Low Pressure Zone

Public Works Department
GIS Mapping
(435) 634-0689
Date: 4/18/2016

N W E S

0 37.5 75 150 225 300 Feet

1 Inch = 150 feet

DELCO WESTERN
2559 South 1935 West
Salt Lake City, Utah 84119
(801) 972-0900 Fax (801) 972-1171

QUOTATION

PROJECT: Shinava Pump Sta
Ivins, UT
BID DATE: June 7, 2019
REVISION:
ADDENDA:
ISSUED BY: Layne Read

TO: Ivins City Corp
Chuck Gillette

Quantity	Description	Unit	Total Price
Item: 1	Packaged Water Pump Station Specification xx xx xx		
1 ea	Grundfos Model Multi-B 3 CME5-4 Skid Mounted Booster Pump System *system includes:* *3 ea Grundfos model CME5-4 multi-stage pumps w/ INTERNAL VFD control. SINGLE PHASE IN, TEFC, 230 VOLT, Motors. Stainless suction & discharge manifolds. Suction & discharge isolation valves. Discharge check valves. Suction & discharge liquid filled gauges w/ isolation valves. Suction & discharge pressure transducer w/ isolation valves. Grundfos Hydro PC pump controller.*		
1 ea	Incoming freight on above equipment		
1 ea	Start-up services		
	TOTAL FOR BID ITEM 1:		**13,599.00**

Notes:

> Installation: BY OTHERS

FOB Point of origin with Full Freight Allowed to Ivins, UT.

UNLESS OTHERWISE STATED, IN WRITING, SALES TAXES ARE NOT INCLUDED

This quotation is for listed items only. Accuracy and completeness are not guaranteed.

Quote

Nickerson Company, Inc.
P.O. Box 25425
2301 West Indiana Ave.
Salt Lake City, UT 84125

Customer:	IVINS CITY
Attention:	CHUCK GILLETTE
Phone Number:	(435) 634-0689
Email Address:	CGILLETTE@IVINS.COM
Quote Number:	BJM061819
Nickerson Job:	N/A
Estimate Number:	1
Notes:	SHINAVA PUMP STATION BOOSTER SYSTEM

Qty	Item	Description	Unit	Extension
	SYSTEM	AURORA, INTELLIBOOST, DUPLEX VARIABLE SPEED SYSTEM TOTAL SYSTEM FLOW RATED FOR 170 GPM @ 110 FT TDH EACH PUMP RATED FOR 85 GPM @ 110 FT TDH		
	SYSTEM OPTIONS	NSF CERTIFICATION: NSF 61 STANDARD PUMP MATERIAL: 316 STAINLESS STEEL CUSTOMER SUCTION CONNECTION: RIGHT CUSTOMER DISCHARGE CONNECTION: RIGHT SUCTION GAUGE CONNECTION: LEFT DISCHARGE GAUGE CONNECTION: LEFT CONTROLLER POSITION: LEFT		
	PUMP MOTOR	AURORA, PVMX 15-2, EPDM ELASTOMER, GROOVED CONN. FACTORY CHOICE, 5 HP, 3/60/230, PREMIUM EFFICIENT, TEFC		
	BASE	BASE: DUPLEX STEEL BASE		
	MANIFOLD	SUCTION AND DISCHARGE MANIFOLD: 4" 304 STAINLESS STEEL MANIFOLD, 2" PIPING, GROOVED CONNECTION MANIFOLD/PUMP OPTIONS: HIGH TEMPERATURE SWITCH RELEASE AND LIQUID FILLED PUMP GAUGES		
	VFD	VFD: 5 HP, 200-240V, NEMA 1 ENCLOSURE, SINGLE-PHASE IN THREE-PHASE OUT		
	CONTROLLER	CONTROLLER: NEMA 4 (5.7", 256 COLOR DISPLAY)		
	SINGLE POINT DIS.	SINGLE POINT DISCONNECT: 60A NON-FUSED, 16"WX20"HX8"D ENCLOSED		
	FREIGHT	INCOMING FREIGHT		
1	***TOTAL***	***TOTAL*** *LEAD TIME ESTIMATED AT 10-12 WEEKS PLUS TRANSIT TIME *FREIGHT INCLUDED TO FINAL DESTINATION	***$ 28,380.75***	***$ 28,380.75***

A 3% credit card processing fee will be added to all orders over $2,000.00.

Quoted lead times are estimates based on current product availability. Product availability, workforce shortages, and other unforseeable problems frequently alter lead times.