Ivins City Staff Report
City Council Meeting 1/15/15

Agenda Item: Approval of expenditure for pre-purchase of pumping equipment for Taviawk Pump Station

Submitted by: Charles R. Gillette, P.E., City Engineer

Recommended City Council Action:
Approve expenditure of $8,190 for pre-purchase of pumping equipment for Taviawk Pump Station

BACKGROUND:

As the Council is aware, Alpha Engineering is working on the design for the Taviawk Pump Station located in the Taviawk subdivision which delivers water to the upper tank. The Taviawk Pump Station needs to be upgraded before April when water demands start to rise. To expedite the project it is necessary to pre-purchase the pumping equipment, since the lead time on these items can be significant.

FINDINGS AND ANALYSIS:

Bids were received from 3 pumping equipment supply companies. Nickerson Company has provided the best cost and is recommended. The bid requested pricing for both the Taviawk and Tuacahn Pumping Station but we are planning on only pre-purchasing the Taviawk pumping equipment at this point based on budgeting. The Tuacahn Pump Station will be budgeted for the following year.

SUPPORT MATERIALS:

- Engineer's Recommendation
- Bid Tabulation

FINANCIAL IMPACT:

The expense has been budgeted and is impact fee eligible.
GL 51-42-825: $8,190 (Taviawk Pump Station Only)

Respectfully Submitted: Charles R. Gillette

Charles R. Gillette, P.E., City Engineer

Content Review: /s/ Dale Coulam

Dale Coulam, City Manager

ALPHA ENGINEERING

43 South 100 East, Suite 100
St George, Utah 84770
T 435.628.6500
F 435.628.6553
alphaengineering.com

January 14, 2015

Ivins City
c/o Chuck Gillette, PE
811 East Red Hills Parkway
St. George, Utah 84770

RE: Recommendation of Pump Supplier for the Tuacahn and Taviawk Pump Station Upgrades Project

Dear Chuck:

Three bids to supply the pumps for the Tuacahn and Taviawk Pump Station Upgrades Project were received and were reviewed by Alpha Engineering. The low bid submitted was from Nickerson Company for both Bid Schedule A and B at a price of $8,190.00 and $2,624.00, respectively. We recommend the project be awarded to Nickerson Company at the submitted bid price.

We have attached the bid tabulation for your review. If you have any questions regarding the attached, please feel free to call.

Sincerely,

Brent E. Gardner

Brent Gardner, PE
ALPHA ENGINEERING COMPANY

Encl: Bid Tabulation Sheet
Submittal Information from Pump Suppliers

Ivins City
Tuacahn and Taviawk Pump Station Upgrade Project - Pump Supply
Bid Tabulation
Bid 11:00 AM, January 14, 2015

BID SCHEDULE A - TAVIAWK PUMPS

				Nickerson		Cutler		Delco Western	
Item	**Description**	**Quantity**	**Unit**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**
1	Furnish 25 HP Horizontal Close Coupled End Suction Centrifugal Pump	3	Each	$2,730.00	$8,190.00	$2,951.76	$8,855.28	$4,725.00	$14,175.00
		Total Bid Schedule			$8,190.00		$8,855.28		$14,175.00

Net Price w/ Deduct** = $13,208.60

BID SCHEDULE B - TUACAHN PUMPS

				Nickerson		Cutler		Delco Western	
Item	**Description**	**Quantity**	**Unit**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**
2	Furnish 25 HP Horizontal Close Coupled End Suction Centrifugal Pump	2	Each	$1,312.00	$2,624.00	$4,250.40	$8,500.80	$2,215.00	$4,430.00
		Total Bid Schedule			$2,624.00		$8,500.80		$4,430.00

Net Price w/ Deduct** = $2,295.00

*see note

*Note- All bids shall be checked for mathematical errors by the engineer. If errors have been made in the extension of the figures, it will be assumed that the unit prices are correct and the total ammounts will be revised to reflect the correction

**An efficiency of better than 1% than the lowest efficiency rating will receive a deduct of $302 for Bid Schedule A and a $70 deduct for Bid Schedule B.

Efficiency Bid Schedule A	70%	None Submitted	73.2%
Efficiency Bid Schedule B	67%	None Submitted	62.3%

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