Ivins City Staff Report
City Council Meeting 7/6/2017

Agenda Item: Approval of expenditure for Cliff Rose Tank Additional Improvements

Submitted by: Thomas J. Jorgensen, P.E., Assistant Public Works Director

Recommended City Council Action:
Approve expenditure for Cliff Rose Tank Additional Improvements for $9,410.00 plus an additional $1,500.00 for contingency, for a total of $10,910.00

BACKGROUND:
The original contract for this project included removing the existing 1-million-gallon steel tank, constructing a new 2-million-gallon concrete tank, a new access road into the bottom of the tank site, a rock fall protection berm, and site grading. Several items have been added to the scope through construction including a control vault, relocating water lines, storm drainage improvements, and other minor improvements. The project is essentially complete, but staff is recommending a few additional improvements to the site.

Staff is recommending a four-wire fence be installed around the perimeter of the tank site to help deter trespass. Our original estimate was approximately $17,000. Staff has requested bids from several local fencing companies and received two quotes. These quotes came in at $5,369.75 and $4,410.00. See the next section for more details.

Staff is also recommending the installation of a concrete valley gutter be installed where the tank meets the earthen fill. Following some storm events earlier this spring the storm water runoff from the tank is causing significant erosion where the tank intersects with the earthen fill. The contractor on the project quoted the installation at $2,000.

Staff is also recommending a headwall be installed for four pipes that currently daylight protruding from an earthen cut slope. The four pipes are drains and overflow piping for the tanks and are very close to each other. To prevent damage to the piping and make the site for functional staff is proposing a headwall be installed to house the pipes. The contractor is estimating that the installation cost will be approximately $3,000.

Finally, there is still one item that staff is recommending to finish off the project and would like to remind the council of its existence. This item includes planting of several trees, approximately 50 new trees, around the tank site. These trees would require some additional irrigation lines to be installed. These trees were part of the agreement that was made between Terry Marten and Ivins City for the purchase of the tank site land. (rough estimate - $30,000) Staff has been working on obtaining quotes from local landscape companies over the past several weeks and have yet to acquire any bids back. Several companies have stated that they are too busy to provide a bid on the project. Staff will continue to working with landscape contractors to acquire bids for the landscape work.

FINDINGS AND ANALYSIS:
The following quote was received for the fending portion of the additional improvements:

	Total
Taylor Made Fencing LLC	$5,369.75
Rocky Mountain Fencing	$4,410.00

Staff has reviewed the contractors quote for the concrete gutter along the tank edge, the estimate for the concrete headwall, and the quotes for the fencing around the perimeter of the tank site and recommend that council approve the expenditures for a total of $9,410 plus an additional $1,500 in contingency for a total of $10,910.

SUPPORT MATERIALS:
- Fencing Quotes

FINANCIAL IMPACT:
GL 51-42-877: $10,910 - all expenses are impact fee eligible

Respectfully Submitted:

Thomas J. Jorgensen, P.E., Assistant Public Works Director

Content Review:

Dale Coulam, City Manager

Tom Jorgensen

From: Rocky Mtn <rockymtnfence@outlook.com>
Sent: Wednesday, June 07, 2017 1:16 PM
To: Tom Jorgensen
Subject: Fence quote

Tom, here are my numbers for that fence:

1,300' 4-strand barb fence @ 2.70/ft= $3,510
2 14' gates @ $450/ea = $900
Total. $4,410.00
Let me know if you have any questions thanks Markay

Sent from my iPhone

Taylor Made Fencing LLC
1600 S Quarterhorse Dr
Washington, UT 84780
(435) 627-0332
Barbara@TaylorMadeFencing.com

TAYLOR MADE FENCING LLC

ESTIMATE

ESTIMATE # 1905
DATE 06/01/2017

ADDRESS
Ivins City
Cliff Rose Water Tank Fence

Please detach top portion and return with your payment.

ITEM	QTY	RATE	AMOUNT
Four strand fence (two barbwire and two smooth wire) with metal Sch 40 pipe braces (2 3/8" upright posts with 1 5/8" angle posts) installed in cement, 6 ft t posts on approx 12 ft centers with one wire stay per panel - material and labor	1,315	3.65	4,799.75
14 ft wide metal pipe Powder Mountain gate brown installed	2	195.00	390.00
Remove about 225 ft of tortoise fence	1	180.00	180.00

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will become an extra charge over and above the estimate. Costs are based on normal installation conditions. Customer is responsible for locating property lines and knowing zoning regulations. TMF is not responsible for repairing broken or damaged sprinkler lines or wiring or replacing landscape damaged due to fence installation. Estimate is valid for 30 days.

TOTAL **$5,369.75**

Accepted By

Accepted Date

Purchaser agrees to pay all costs of collection including attorney's fees. Interest of 24% per annum may be charged on any past due amounts.

A 3% charge will be added to invoice balance if customer pays with a credit card.