

The Challis Golf Commission
% City Hall
P.O. Box 587
Challis, ID 83226
2008 Season April 1 2008 through March 31 2009

RECEIVED

MAR 30 2009

DEPARTMENT OF
WATER RESOURCES

City of Challis

March 4, 2009

Dear Mayor Cook,

As you well know the water system at the golf course is in dire need of replacement & repair, the existing system was installed (with no bedding) a little over 20 years ago with the least expensive pipe we could obtain. Our entire facility has been built by volunteer labor and equipment and therefore was done as inexpensively as possible. I am not saying that is all bad as our entire operation is debt free, but some of it is in real need of help, basically the water system. Every year when we open our operation in the spring we (the commission) hold our breath waiting for the water system to charge up and hope we can get by another year. Each year we have a few more leaks to repair but so far we have been lucky and are still able to operate.

Our facility currently employs 3 full time employees and 1 part time employee. Each year we see an increase in the amount of rounds played at our course especially by people from out of town, which means more maintenance and repair but is also very good for the community and course revenue as well. Without addressing this water system problem some day in the very near future we will be forced to close our course and lay off our employees plus loose the revenue. This situation will not only have a negative effect on us, but our community business owners as well, which I am sure you realize is a substantial amount of revenue to our local business owners. We therefore request that our proposal be accepted.

Here with is our estimate to replace the existing water system @ the Challis City golf course and an explanation of each cost affiliated with the project.

1. Design of plan: \$22,500.00
 - a) Over the last few years we have constantly looked at the possibility of replacing a system to water the existing course. It has never been a feasible project because of the fact we just have never been able to come up with the money to do it.
 - b) We have located a certified construction manager that will help us through the process of design which will include construction drawings and on site supervision during the project.
2. Head gate work: \$18,000.00
 - a) A little work needs to be done at the point of diversion on the ditch to insure adequate and accurate amount of water is delivered to the course.
 - b) This head gate should be installed in a manner that is easy to operate so that it can be opened and closed by the water delivery people to conserve the amount of water that is delivered to the project when needed and let the water go to the river when not required.
3. 24" pipeline installed to service ditch: \$54,500.00
 - a) This pipeline would be installed from the head gate to the point that the more than 4300 feet of 18" line is already installed.

- b) Reason for 24" to 18" is to accommodate the amount of water that would be diverted through the open ditch to the water retention dam.
4. Enlargement of water retention pond: \$65,000.00 - \$250,000.00
- a) We would enlarge the existing pond approx 100,000 gal (basically a hole in the ground) to a size that would accommodate the pump station and allow for a storage facility that would keep a three-five day back up of water in reserve (approx, 800,000 gal). \$65,000.00
 - b) All though the course is located in the City Limits of Challis, Idaho. It is located upstream from the existing City and as such becomes a site that with a little work could become a huge benefactor to the City to help control the flooding of the creek that plagues our community almost on a yearly basis.
 - c) To accomplish this we could increase the size of the retention pond needed for our pump station to a size that would accommodate some of the run off during high water.
Approx 2,500,000 gal pond
 - d) The area required for this pond is available and would be a threefold benefactor.
 - 1) It would accommodate the new pump station
 - 2) It would serve as a retention facility for runoff.
 - 3) It would make the course more desirable to play because of its beauty and uniqueness.
 - e) This facility would be filled during high water runoff.
5. Electricity: \$47,000.00
- a) Electricity would be brought in from existing sources.
6. Pumps and filter system: \$105,000.00
- a) Pump and filter system would be installed on a cement pump station located in the above mentioned pond.
 - b) This figure would include equipment and installation.
7. Irrigation & Sprinkler system: \$175,000.00
- a) This would include all excavation bedding, backfill, material and labor to install the new water system at the facility.
8. Necessary repairs & clean up: \$85,000.00
- a) Amount required to clean up after excavation and do general maintenance of system to get the bugs out.

Total amount estimated for entire project. **\$572,000.00**

Total amount if retention pond is increased in size to help control flood waters. **\$757,000.00**

Sincerely,

The Challis Golf Commission

Dan Strand / Treasure

Design of plan		22,500.00
Head gate work @ diversion point		18,000.00
24" pipeline installed in service ditch		54,500.00
enlargement of water retention Dam built at site		65,000.00
Electricity		47,000.00
Pumps & filter system, installation and pump station		105,000.00
Installation of sprinkler system for course		175,000.00
Necessary repairs & clean up after excavation.		85,000.00
Total amount estimated for entire project.		\$ 572,000.00
Total amount estimated for entire project if pond is increased to accommodate water run off		\$757,000.00
Estimated labor for entire project		274,560.00
Estimated material (mainly pond liner)		297,440.00
Estimated labor if retention pond is increased in size for flood control		363,360.00
Material (mainly pond liner)		393,640.00