

Cedar City

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Mayor
Maile L. Wilson

Council Members
Ronald R. Adams
John Black
Paul Cozzens
Don Marchant
Fred C Rowley

City Manager
Rick Holman

SPECIAL CITY COUNCIL MEETING
NOVEMBER 4, 2015
5:30 P.M.

The Special City Council meeting will be held in the Council Chambers at the City Office, 10 North Main Street, Cedar City, Utah. The agenda will consist of the following:

- I. Call to Order
- II. Agenda Order Approval
- III. Administration Agenda
 - Mayor and Council Business
 - Staff Comment
- IV. Public Agenda
 - Public Comments
- V. Business Agenda
 - Public
 1. Consider approval of bid from Turf Equipment in the amount of \$148,775.58 for central control irrigation system at the Golf Course – Steve Carter

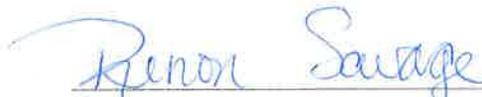
Dated this 2nd day of November, 2015.



Renon Savage, MMC
City Recorder

CERTIFICATE OF DELIVERY:

The undersigned duly appointed and acting recorder for the municipality of Cedar City, Utah, hereby certifies that a copy of the foregoing Notice of Agenda was delivered to the Daily News, and each member of the governing body this 2nd day of November, 2015.



Renon Savage, MMC
City Recorder

Cedar City Corporation does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.

If you are planning to attend this public meeting and, due to a disability, need assistance in accessing, understanding or participating in the meeting, please notify the City not later than the day before the meeting and we will try to provide whatever assistance may be required.

MEMORANDUM

To: City Council
From: Steve Carter
Date: October 29, 2015
Subject: Golf Course Central Control Irrigation

Terry Chivers stated during city council on Oct. 28, 2015 that the current generation Hunter sprinkler heads included in their bid have been substantially improved from the problematic older model used on three fairways of the Cedar Ridge golf course. Mr. Chivers also implied that the Hunter pilot central control hardware and software is as user friendly, efficient, and technically supported at a level equivalent to their competitors.

I spoke on the phone with the superintendent of the Texas A&M golf course who was a recommended reference by Mr. Chivers. The Texas A&M superintendent has worked at their golf course for over a year. Before using the Hunter products installed at Texas A&M he worked for a golf course that operated on a Toro brand central control system.

A summary of discussion regarding the Hunter brand sprinkler head and central control system:

- He felt that the preliminary programming of schedules and heads was “more technical” and “more difficult” with the Hunter Pilot central than with the Toro central system. He said he was glad he was not there when everything was programmed.
- He felt there was a large learning curve associated with the Pilot System. However, after using it for a year and learning all the “short cuts”, he does not feel it’s too bad.
- For the first two months he was there he said he was on the phone every day with Hunter with troubleshooting questions. Because he is in the central time zone, when he needs to call in the morning, he has to wait until Hunter opens in California to talk to a technician. He thinks now they have finally worked out most of the issues.
- I asked about heads, and they use the 4th generation heads that Terry was talking about at city council. During the first year of service Texas A&M had to replace all the bottom valves in every head on their golf course totaling 1,600. He said they would leak and not shut off properly. Their service provider came in and replaced them all on their own time and money. We had the same thing happen with the hunter heads we have on holes 13–15 at Cedar Ridge G.C. Within the

first or second year, we were having this same problem where the heads would leak or stay on when they were to be off. We contacted Hunter and they sent us new bottom valves at no cost, but we had to switch them all out ourselves. I asked him if they had any of their heads break apart like what we have been seeing with our hunter heads. He told me they have had two like I described but could not say if it was caused by product failure or if the heads were run over with a piece of equipment.

- He told me that he would not have any problem going with Hunter again because he feels that in Texas the service there is great. Even though there have been these issues he thought their service out-weighed the problems. There is a larger Hunter market in Texas than here in Utah

I contacted the superintendent of the Tuhaye golf course located in Park City, UT. He moved from Colorado where he had operated a Toro central control system to Tuhaye golf course that had installed the Hunter system. The Tuhaye golf course was built around 2003. The Hunter irrigation products were installed on the 13th-15th holes of the Cedar Ridge golf course during the same time period. His observations were as follows:

- The Hunter sprinkler head bodies were splitting and becoming non-functional.
- They had initially ordered a Hunter central control system, but it was never delivered.
- They had to use system clocks and a laptop in the pump house to control the watering process. This resulted in issues getting the water out on the course. Hunter's technical support was bad.
- There were enough un-resolvable problems with the Hunter products that they eventually dug the entire Hunter system out of the ground (pipe, heads, satellites, everything) and replaced it with a Toro irrigation system. In his opinion the Toro sprinkler head is a superior product and it sprays the water out in a more uniform pattern.

Mr. Chivers also mentioned that Carnoustie golf course in Scotland has the Hunter central and new heads. He stated that this shows they are not "rookies" in the business. For purposes of comparison I found that Toro has their product installed at 59 of the top 100 golf courses in the world. Some of these courses include: Augusta National (home of the Masters), St. Andrews (Old Course), Royal Troon, Bethpage Black, Muirfeild Village, TPC Sawgrass, and Pine Hurst #2. This suggests that Toro is not an industry rookie either.

I requested a reference list from Toro (Turf Equipment) for the golf courses in the state of Utah that currently operate the Toro central control. Out of the 115 golf courses in the state, 82 installed Toro irrigation. The research suggests that Toro products are successfully integrated into 71% of Utah's golf courses vs Hunter's 1.5 %.