

INSCRIPTION CANYON RANCH SANITARY DISTRICT

P.O. Box 215 Chino Valley, AZ 86323

~WORK SESSION MINUTES~

November 16, 2015

Approved January 5, 2016

Date: Monday, November 16, 2015

Time: 8:00 a.m.

Place: Chino Valley District Office, 650 E. Center Street, Chino Valley, Arizona 86323

1. CALL TO ORDER.

The Governing Board for the Inscription Canyon Ranch Sanitary District convened into a work session at approximately 8:00 a.m.

2. ROLL CALL.

Present were for the District were: Al Poskanzer, Chairman; Bill Dickrell, Board Member; David Barreira, Board Member;; Bob Busch, District Manager and Isabel Yribe, District Clerk and Jim Binick of Granite Basin Engineering and Derek Scott of A Quality Water.

Members of the public attending during the day:

Dayne Taylor

Representatives of the following team firms attending during various times of the day:

<u>Shephard Wesnitzer, Inc:</u>	<u>Sunrise Engineering:</u>	<u>NCS Engineers</u>	<u>Valentine Engineering</u>
Dwight Zemp	Geoff Child	Ram Narasimhan	Teresa Valentine
David Monihan	Tyson Glock	Zane Wilsterman	Andrew Baird
Randy Sorensen	Mark Rasor	Steve Wedwick	
Richard Aldridge			
Sandy Norris-Zemp			
John Wesnitzer			

3. INTRODUCTION TO INTERVIEWS *Mr. Poskanzer gave a brief description of the process for today's interviews. Each firm was allotted equal time for their presentations.*

Each firm was given 90 minutes for presentation and a question/answer period. Each firm made a PowerPoint presentation and responded to various questions.

A summary of each team proposal is as follows:

- **SWI** proposed to upgrade the system to 90,000 GPD, with a phase 1 expansion, and additional 70,000 GPD with phase two and a final 90,000 GPD addition in phase 3. Phase 1 would provide electrical and backup power, sludge disposal upgrade and an office and operations building. Their proposal would take three phases to complete. The estimated cost for all three phases is \$3,837,000. There would be a total of 3 trains with the advantage of taking each offline should the need arise. New system tanks would be placed inside the existing abandoned SBR basins.

Liability insurance of \$2 million. Haven't had an insurance claim against them in thirty years of business.

- **Sunrise Engineering** proposed a Biolac system. Their plan would utilize the SBR basins and allow the existing Santec plant to be decommissioned. The current sludge bagging process would be expanded and made more permanent,. Operation costs would go down as the system had parts that were accessible above grade. Should the Biolac system malfunction, at the worst case scenario, the existing plant could be brought back online with minimal changes. The existing plant could be sold off should the District choose to do so. Two phases are proposed, with the estimated cost of the first expansion to 125,000 GPD to be \$995,000. Total estimated cost to full buildout is \$1,632,650. 1

There was a break from 11:30 a.m. to 12:30 p.m.

- **NCS** is a full service firm. The proposed solution is mLE process.. The first phase would increase capacity to 87,500 GPD at an estimated cost of \$310,000. Phase two would cost and estimated \$1,100,000 and phase three and estimated \$800,00. Phase one would utilize the existing Santec tanks. The SBR basins would be used in phases two and three. The total estimated cost would be \$2.2-2.6 million. The firm also carried \$2 million liability insurance.
- **Valentine Engineering** proposed to establish an SBR process as part of their expansion. The first phase would utilize two of the SBR tanks to create 125,000 GPD capacity. Future phases two and three would utilize the remaining SBR basin. Most of the present Santec tanks would be decommissioned. Ultimate plan would be to move away from sludge bagging to other technology. The firm had concerns about odor setbacks to 500 ft. The estimated cost for all phases is \$3,787,000. The firm has \$1 million in liability insurance.

Each firm provided accompanying marketing materials to every board member.

4. ADJOURNMENT

The work session was adjourned at 3:15 p.m.

Date

Board Clerk