



## *Agenda Commentary*

**Item Title/ Subject: Clinton Municipal Pool Filter/ Pumps/ Gutter Rehab**

**Staff Source: Kris Wermy, Director of Parks and Recreation**

**Date: 1/9/2014**

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**History/Background Information:** The pool was opened the summer of 1989 and at that time one of the largest public pools in western Oklahoma. It also had the longest water slide that you could access all in one area. It was also comprised of two 1 meter diving boards, one 3 meters high dive, zero entry kiddie pool and a fully operational concession stand. Patrons would come as far away as Altus and it wasn't uncommon for groups like churches, baseball team and etc. of 50 or more just for the slide. Currently we average approximately 9000 general admissions, 10 single memberships and 55 family memberships for each summer.

**Subject Summary:** Since opening its doors in the summer of 1989 there have been no major upgrades to the pool. The majority of the original parts/equipment is still in place and was being used through the end of this last summer.

For the last 20+ years, the water that is pumped into the pool every year is cleaned by 4 filter tanks. The types of filters are comprised of pea gravel, sand and made out of cast iron. Over the last couple of years the iron has been rusting and flaking off, seals have been cracking and small leaks have started to develop on the exterior side of tanks. Once the pool closed for the summer, I had taken the media out of one of the tanks to find the inner wall pitted. Further investigation showed multiple cracks in welds and on pressure joints.

As you are aware, this past summer I have had to replace an impeller on a pump. The pumps we have are no longer in production and neither are parts. I had to have someone fabricate an impeller with the hopes that it would work. Once we received the part it took two days to get the pump run without the impeller hitting the inside of the pump. The pumps are what basically push the water through the filters to get cleaned. By law all the water in the pool has to have run

through the filter once in 6 hours. Our current pumps barely keep up with this rate and at the end of each season we have to send pumps off for maintenance to be performed in hopes that it will make it through another season.

There is fiberglass grating integrated guttering around the pool, just below the deck that aids in cleaning the water surface debris. Initially when the pool was built, it had underwater lighting mounted in the gutter. This allowed for extended pool hours and to have more pool rentals. Also the pool has an automatic fill valve that is activated when the water level reached a certain level. This is supposed to aid in conserving chemicals that are added to maintain state laws that are in place to keep patrons safe.

Currently the coating that was on the fiberglass is completely gone due to years of wear and tear. The stainless steel supports that hold the fiberglass grating and that are supposed to hold the weight of anyone walking on them have pulled out of the gutter wall in multiple locations. The gutter is in such poor condition that the supports are unable to be re-anchored in.

With the lighting, it is my understanding that when the lights burned out the bulbs and housing were uninstalled and filled in with plaster and concrete. This process once completed reduced the integrity of the gutter and didn't leave it water tight.

With any pool, the water has to be circulated. There are small nozzles connected to a main line that runs the length of the gutter system throughout the pool, underwater that perform this task. Over the years due to the pool being drained and not covered, the nozzles and pipe are exposed to the elements. The process of draining a pool for any length of time causes multiple costly problems. When we get a large amount of moisture, it causes the pool to become buoyant and rise out of the ground. This causes cracks in the shell of the pool, deck and sloping of the deck. It also forces the circulation line to break in multiple areas.

With the gutter system not working as intended, it is costing additional funds to maintain chemical and water levels throughout the summer.

**Recommendation:** To replace filters, pumps and gutters as soon as possible to be able to open Memorial Day weekend 2014. Also to look ahead to 2014-15 budget and make plans for a cover for the main pool. If these issues I have listed above are not addressed immediately I cannot open the pool.

**Price/Cost:**

**Filter/Pumps: \$79,351.45**

**Replacement of Guttering: \$178,640.00**

**Total: \$257,991.45**

**BID NOTICE**

Notice is hereby given that the Clinton City Council of Clinton, OK is seeking sealed bids for furnishing all necessary equipment, machinery, superintendence, labor, insurance, and other required provisions for:

**Clinton Municipal Swimming Pool Filters and Pumps  
Clinton, OK**

Sealed bids shall be submitted to the Office of the City Clerk, 415 Gary Boulevard, Clinton, Oklahoma, 73601, no later than Tuesday, February 18, 2014, 5:30 P.M, in a sealed envelope marked **"FILTER AND PUMPS"**.

Properly submitted bids will be opened for consideration at a regular meeting of the Clinton City Council of Clinton, Oklahoma at 5:30 P.M. Tuesday, February 18, 2014 at Clinton City Hall.

All bids shall be firm for 30 days. Bids shall be submitted based upon specifications and contract documents, which may be obtained from the Office of the City Clerk, 415 Gary Boulevard, Clinton, OK. 73601. (580-323-0265)

Bidders shall accompany their bids with a Cashiers or Certified Check issued by a bank satisfactory to the Owner, or a Bid Bond from a reliable Surety in an amount not less than five percent (5%) of the bid submitted as a guaranty that the Bidder will enter into a contract and execute a bond and guaranty within twenty (20) days after Notice of Award of contract to him. Bids without the required check or Bid Bond will not be considered.

The successful bidder must furnish Bonds (Payment and Performance) in the amount of 100% of the total contract price.

The Clinton City Council reserves the right to reject any and all bids and to accept the bid which best meets the needs of the City.

All bidders are invited to attend the bid opening.

Steve Hewitt  
City Manager  
City of Clinton, OK.

1. Water circulation pump to replace 20HP pump that supports 323,000 gallons of water.
2. Water circulation pump to replace 10HP for slide plunge pool that consist 14,430 gallons of water.
3. Water pump to replace 30HP that sends the water in the plunge pool to the top of a 200ft water slide.
4. Replacement of all parts and installation of 2 sand filter tanks and media. These 2 tanks should be able to sufficiently filter 323,000 gallons of chlorinated water.
5. Replacement of all parts and installation of 1 sand filter tank and media. This tank should be able to sufficiently filter 14,430 gallons of water.
6. Replacement of all parts and installation of 3 automatic chemical controllers to be able to use in conjunction with Sani-Tower chlorinators. Controllers should come with digital readouts of chlorine/ pH levels and temperature of water.
7. Engineering compliance report to Department of Health, to insure all equipment complies with all current rules and regulations.

City of Clinton, OK

**BID FORM**  
**FOR**  
**CITY OF CLINTON**  
**CLINTON MUNICIPAL SWIMMING POOL FILTERS AND PUMPS**

**BASE BID TO MEET ALL SPECIFICATIONS**      \$ \_\_\_\_\_

**BIDDER INFORMATION**

**COMPANY NAME** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_

**OFFICE PHONE:** \_\_\_\_\_      **CELLULAR PHONE:** \_\_\_\_\_

**WEB SITE:** \_\_\_\_\_

**PERSON PREPARING BID:** \_\_\_\_\_

**SIGNATURE OF BIDDER GUARANTEEING BID:** \_\_\_\_\_