



**PURCHASING ITEM  
FOR  
COUNCIL AGENDA**

**1. Agenda Item Number:**

**55**

**2. Council Meeting Date:**

January 17, 2008

**TO: MAYOR & COUNCIL**

**3. Date Prepared:** January 2, 2008

**THROUGH: CITY MANAGER**

**4. Requesting Department:** Community Services

**5. SUBJECT:** Award Bid No. CS8-650-2534 for the purchase of insulated pool covers to Aquatic Environmental Systems, Inc. in the amount of \$54,901.55.

**6. RECOMMENDATION:** Recommend award of Bid No. CS6-650-2534 for the purchase of insulated pool covers to Aquatic Environmental Systems, Inc. in the amount of \$54,901.55.

**7. HISTORICAL BACKGROUND/DISCUSSION:** One-time funding for pool covers was approved during the 07-08 budget process as a means to assist in reducing heating costs, water evaporation, chemical consumption and staff time spent cleaning the pools.

**8. EVALUATION PROCESS:** Bids were advertised and notices e-mailed to 54 registered vendors. Seventeen vendors requested the bid package. The bid was opened on November 28, 2007. The following is a summary of the bids received:

<u>Bidder:</u>	<u>Total Price:</u>
Aquatic Environmental Systems, Inc.	\$54,901.55
Commercial Pool Repair	Non-responsive

Commercial Pool Repair was deemed non-responsive due to excessive deviations from the technical specifications. City staff is recommending an award to Aquatic Environmental Systems, Inc., the lowest responsive bidder. This is a one-time purchase contract.

**9. FINANCIAL IMPLICATIONS:**

Costs:	\$54,901.55
Savings:	N/A
Long Term Costs:	N/A

Fund Source:

<u>Acct. Name:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>Year Funded:</u>	<u>Funds:</u>
101.4520.0000.6311	General, Aquatics	Maint. Machinery and Equipment	FY 07/08	\$54,901.55

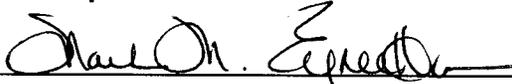
**10. PROPOSED MOTION:** Move to award Bid No. CS8-650-2534 for the purchase of insulated pool covers to Aquatic Environmental Systems, Inc., in the amount of \$54,901.55.

**APPROVALS**

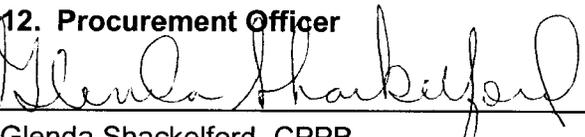
**11. Requesting Department**

  
\_\_\_\_\_  
Sheri Passey, Aquatics Superintendent

**13. Department Head**

  
\_\_\_\_\_  
Mark Eynatten, Community Services Director

**12. Procurement Officer**

  
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Glenda Shackelford, CPPB

**14. City Manager**

  
\_\_\_\_\_  
W. Mark Pentz

Sheri Passey/COC  
12/18/2007 06:38 PM

To Glenda Shackelford/COC@ci.chandler.az.us  
cc  
bcc  
Subject Re: pool covers

Glenda,

Hopefully, you can follow what I did here. I tried to provide what our TS required and then what CPR specified or deviated with. It is clear that the pool covers do not meet our tech. specification and do not exceed in many very important area our specifications and stated.

#### Pool Covers:

Section 1.3 Tongue Tear resistance - we required: 87 lbs (ASTM-D 2261)  
CPR deviation 78.5/72/7 lbs (ASTM-D2261 - this is less than required.

Pull Strength Required - 1,260 p.s.i  
CPR - could not find this information in the physical properties listed

Seam team resistance: 85 lbs  
CPR - could not find this information in the physical properties listed

Insulating ("K") value 0.25 BTU/(SqFT)(HR(F/Inch) - per ASTM-D2326 testing method  
CPR - this bid states it meets this requirement, but it does not show it was tested according to the ASTM-D 2326 test method

Abrasion resistance 0.00466 grams/1,000 cycles (ASTM-D 3389)  
CPR - cannot find this item as part of their physical properties

Laminate has minimum 99% foam-fabric adhesion and max. 1 1/4% overall shrinkage after 15 min. boil test. Laminate is non-permeable due to closed cell foam, LDPE coating and flame lamination.

CPR - I cannot find details on this issue. I cannot confirm if there is non-permeable due to the closed cell foam. I do not know what the percentage the foam-fabric adhesion is or the overall shrinkage. The only information I can retrieve from the Specification from the CPR bid 1.1.1 is "Three (3) layer composite, laminated material, consisting of foam middle layer protected on both sides by woven outer layer."

1.4 - Requires four (4) layers of 12 x 10 PE fabrics, weighted vinyl straps material is sewn along the length of the cover. In order to reinforce the heavily stressed areas in the center at both ends of the covers, 12" to 18" wide, black, EXR fabric is sewn laterally and parallel with the tensile pull direction. Corners must be strengthened by folding (doubling) the fabric material. each 'pull-point' location is reinforced with six (6) layers of 12 x 10 woven PE fabric, non-corrosive stainless steel grommets and 1/8" thick T-1 PVC load-dispersing plate...The first and last sections of each cover must be sewn twice to form a 'Quadra Seam', where four lines of stitching are applied.

CPR - 1.1.1 - Three (3) layer composite (not four). 3.1.2 Reinforced Ends - two (2) layers of coated (not six). No 'Quadra Seam'.

1.6 - We require weighted edge to be constructed of four layers of 12 x 12 material wrapped around a weighted, impregnated vinyl strip

CPR - 3.1.6 - Weighted Edge (option) - because it has option after this item - I do not know if this was priced in. Also - it states it is only two (2) layers, not four.

Storage Reel System

2.1 - Requirement of 1.90" O.D. x 0.120" wall thickness tubing.

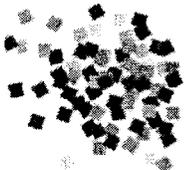
CPR - letter from Universal Filtration states in letter to Pool Cover Distributor: "Regarding Exhibit A Technical Specification 2.1 - Our Storage Reels used 1.75" OD x .0120" wall 304 SS tubing. The difference in strength between the 1.90" OD tubing listed in the bid is negligible based on the design and use of the product. Obviously this is a deviation from our spec. I am not an engineer so I cannot confirm or deny if the difference is negligible, however, if there isn't a difference, why doesn't the company provide us with what we required?"

It is difficult to make any other comparison with the Reel Systems because they are completely different. I cannot confirm if what CPR spec'd has casters or brakes - I do not see that information listed. I also cannot compare the winders. On CPR's bid they are included on the reel system, which is fine, but I don't really know what we are getting since I have never seen this product.

One other area of concern is CPR's state "Because of the very complex SCS play area there may be small areas that cannot be covered completely." It does not state how large that area will be and in the letter from Universal Filtration Incorporated it states "We do not have a legible copy of the pool dimensions and configurations and thus cannot comment on potential layouts or square footage totals". I am concerned due diligence was not done to retrieve the proper dimensions so a package could be put together that will completely cover the pool.

I'm not sure where we go from here. I think there are enough deviations, especially on the Pool Covers that Aquatic Environmental Systems should be awarded the bid. CPR just had too many deviations. I will be on vacation until Dec. 31.

Sheri Passey  
Aquatic Superintendent  
480-782-2753  
Glenda Shackelford/COC



Glenda Shackelford/COC  
12/17/2007 01:10 PM

To Sheri Passey/COC@ci.chandler.az.us

cc

Subject pool covers

Robert asked if you would send us a list of items that are deviations of concern, we can deem commercial non responsive and award to the next vendor.

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