



Legislation Details (With Text)

**File #:** 070348.      **Version:** 0      **Name:** Replacement HVAC System (B)  
**Type:** Staff Recommendation      **Status:** Passed  
**File created:** 8/27/2007      **In control:** General Manager for Utilities  
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**Title:** Replacement HVAC System (B)

Staff recommends procuring replacement HVAC systems for the Murphree Water Treatment Plant and Deerhaven Generating Station.

**Sponsors:**

**Indexes:**

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**Attachments:** 1. 070348\_20070827.pdf

Date	Ver.	Action By	Action	Result
8/27/2007	0	City Commission	Approved as Recommended	Pass

Replacement HVAC System (B)

Staff recommends procuring replacement HVAC systems for the Murphree Water Treatment Plant and Deerhaven Generating Station.

The control room at the Murphree Water Treatment Plant (MWTP) houses electronic equipment that is essential to the operation of the Utility's water supply. This computerized equipment generates a significant amount of heat which could quickly cause significant damage and a potential shutdown without a constant supply of clean, humidity-controlled, conditioned air. The existing HVAC system which handles the control room is over 25 years old and has surpassed its life expectancy.

HVAC systems located at the crusher house and coal ash buildings at the Deerhaven Generating Station are vital to the operation of the plant as they provide conditioned air to critical operational mechanical control centers and adjacent administrative offices. Both of these systems are original to the plant and are located in a harsh industrial setting. Based on these circumstances, it is no longer practical to maintain these units as they have reached the end of their serviceable life.

These projects include the provision and installation of three replacement HVAC systems.

An Invitation to Bid was issued by Utilities Purchasing to eight prospective bidders. Eight contractors attended a mandatory prebid meeting with four bidders responding. A recommendation to award the bid to the lowest, responsible bidder based on all three systems is attached for your information.

The City Commission approve the issuance of a purchase order to Crystal Air & Water, Inc. for replacement HVAC systems for the Murphree Water Treatment Plant and Deerhaven Generating Station in the amount of \$93,413.

Funds for this purchase are available in the Utilities budgets.

Prepared by Kathy E. Viehe AGM, Customer Support Services

Submitted by Karen S. Johnson, General Manager