

College Station Independent School District

Success...each life...each day...each hour



MEMORANDUM

To: Dr. Clark Ealy, Superintendent

From: Mike Martindale, Deputy Superintendent

Date: September 12, 2018

Subject: Chiller #1 Condenser Tubes at College Station High School

Agenda Item: J-2.

Board Priority/
District Goal: Priority 3, Goal 4

BACKGROUND

The Maintenance Department is recommending the replacement of chiller condenser tubes for College Station High School. These condenser tubes located on chiller #1 are damaged to the point that the chiller has been removed from service, leaving the campus with two operational chillers as opposed to the normal three.

The needed replacement of these condenser tubes is due to the premature erosion of the interior of the tubes created by a tiny leak in a seal of the chilled water pump that feeds this chiller. The air that was getting drawn into the chilled water system created an issue known as "cavitation" that causes this erosion of the metal itself.

After we experienced some performance problems this past May, a full periodic maintenance check and inspection was performed on the chilled water system this summer which identified the issue. This system has been in operation for over 6 years now, so this component is no longer under warranty.

Mike Martindale
Deputy Superintendent -
Chief Financial Officer

1812 Welsh Avenue
College Station, TX 77840
979-764-5400 -- www.csisd.org

CLARK C. EALY, Ph.D.
Superintendent of Schools

College Station Independent School District



Success...each life...each day...each hour

Jon Hall, Executive Director of Facilities, and Mark Pantel, Director of Purchasing, recommend the purchase of replacement condenser tubes for chiller #1 at College Station High School from Hunton Services in the amount of \$65,399.86 per the Choice Partners Cooperative Contract #14/021JN-05 using 2013 Bond Funds, Deferred Maintenance. All items on this contract have been competitively bid and awarded by the Cooperative's Board of Trustees based on state statutes.

RECOMMENDATION

It is recommended that the College Station Independent School District Board of Trustees approve the purchase of replacement condenser tubes for chiller #1 at College Station High School from Hunton Services in the amount of \$65,399.86 per the Choice Partners Cooperative Contract #14/021JN-05 using 2013 Bond Funds, Deferred Maintenance.

Mike Martindale
*Deputy Superintendent -
Chief Financial Officer*

1812 Welsh Avenue
College Station, TX 77840
979-764-5400 – www.csisd.org

CLARK C. EALY, Ph.D.
Superintendent of Schools