



Interoffice Memorandum

March 13, 2018

TO: Mayor Teresa Jacobs
and the Board of County Commissioners

FROM: Carrie Woodell, Manager, Procurement Division

CONTACT: Richard Steiger, Manager, Facilities Management Division
Phone 407-836-7473

SUBJECT: Approval of Purchase Order M89473, Compressor Renewal Service for
Central Energy Plant 2, Chiller #2 at Orange County Corrections.

ACTION REQUESTED:

Approval of Purchase Order M89473, Compressor Renewal Service for Central Energy Plant 2, Chiller #2 at Orange County Corrections, with Trane US, Inc., in the total amount of \$123,480.

PURPOSE:

This renewal service is a major inspection and maintenance program that will bring the chiller compressor back to like-new condition with a reinstated five-year warranty. This process replaces worn materials, restores compressor performance, and updates applicable components to current design.

FUNDING

Funding is available in account 1023-043-2049-3810.

APPROVALS:

The Facilities Management Division concurs with this recommendation.

REMARKS:

The Central Energy Plant #2 was built during the construction of the Female Detention Center in 2003. In 2004, Trane 650 ton chillers #1 and #2 were added for the Booking, Intake and Release Center. Chiller #2 had a major compressor and motor failure in 2006 and the equivalent repair of a 10-year overhaul was completed by Trane as a warranty item. Chiller #2 was due for its 10-year overhaul in 2016, as recommended by the manufacturer.

Trane US, Inc. is the original equipment manufacturer and offers extended warranty programs for their products. Utilizing the renewal program will provide a five-year extended warranty for the chiller on all parts and labor. Since this chiller is nearing the end of its useful life cycle, continuing an extended warranty at this time is beneficial in both cost savings and operational assurance until such time the chiller can be replaced with a newer model.

The cost for the chiller overhaul is considered fair and reasonable by staff when compared with similar quotations and past purchase history. Also, other sources could not provide the renewal process that brings this chiller back to factory operating specifications inclusive of the full warranty. Only Trane US, Inc. can offer the five-year extended warranty.