



Tampa Bay Trane
Southwest Florida Trane

News

Fall 2004

Issue 3

Vol. 2

Hillsborough County Performance Contracting Project

We're making a mess tearing up the streets in downtown Tampa... and we apologize. This construction work is part of a large Performance Contract entered into by Trane and Hillsborough County Government. Stephen Koontz, TBT Solutions Sales Engineer and Steve Van Skiver, TBT Solutions Project Manager along with Robert Garcia, TBT's Vice President of Business Development are responsible for the complete scope of this project.

Tampa Bay Trane is teamed with Clark Construction, Poole & Kent, and TLC Consulting Engineers to expand Hillsborough County Government's Chiller Plant and its under ground piping distribution system. A new fifteen hundred (1,500) ton Trane Centravac is being added to the Chiller plant along with 84 Calmac ice storage tanks. The project not only expands the capacity of the Chiller Plant but also insures that the Plant will operate at far lower costs because much of the load will be shifted to making ice at night when electric rates are lower.

With the extra capacity, the Chiller Plant will be able to serve almost all of the County's downtown Tampa buildings. Underground, pre-insulated chilled water lines are being run beneath the city streets to allow the plant to serve the Old Courthouse and the 28-story County Center. Inefficient chillers, air units and controls are being removed from these facilities and replaced with chilled water delivered from the Central Plant, new Trane Modular Climate Changer air handling units, new Trane Varitrane Variable Air Volume Boxes and a state-of-the-art Trane Tracer Summit Controls. In addition 30 existing air handling units are being re-commissioned and brought back to original

design specifications. Lighting is also being retrofitted where appropriate and important water conservation measures are being instituted. The result of this work will be much improved occupant comfort and lower overall operating costs for the County... and Trane guarantees it.

The County's Chiller Plant is also being tied into the existing Hillsborough County Schools Administration Building, where a 25 year old Trane chiller is being displaced, and the new downtown Sam Rampello Elementary School (K-8) is now under construction. The County will bill the School District monthly based on the flow of chilled water to these two buildings. This inter-governmental agency cooperation creates a win-win situation for both the County and the School System.



New 1,500 ton Trane Centravac being delivered.



Underground piping in progress.

Trane was chosen to create and execute this project through a highly competitive RFQ selection process. Trane is guaranteeing over \$1,000,000 in annual savings over a contract term in excess of ten years. Randy Klindworth C.E.M., made the following statement regarding the project. "The expansion of the County's Chiller Plant to serve not only all downtown County Buildings but also those of the Hillsborough County School Board is a major step forward. We know the results will be improved comfort and large savings in energy and water. We are able to accomplish this through the use of performance contracting which places one entity, Trane, as responsible for the design, installation, operations and energy savings, minimizes our immediate out of pocket expenditures and insures we get the results we signed up for. Working with Trane has to date been a very, very positive experience. They are delivering on their promises... and then some".