



TRANE

TCPN Proposal



Prepared For:

Customer Name: Camillia Ryan – City of Ft. Worth
TCPN Customer Number: 02-10084

Date: February 12th, 2009

TCPN Proposal Number: 02-10084-09-005

Job Name: Rolling Hills WTP – AHU Replacement
09-0033

Engineer: Azcarate - Fisher

Delivery Terms:

Freight Allowed and Prepaid

Payment Terms:

Net 30 Days: 1% discount if paid w/in 10 days

Trane is pleased to quote the above referenced project. Our price includes all labor, material, and supervision necessary to install a complete system per our site visit and per the plans and specifications dated 9/24/2007. Included in the scope of work are the following items:

Scope of Work:

- Disconnect electrical service to AHU and Chilled Water pump
- Demo and remove one air handling unit, chilled water pump and associated piping.
- Provide rigging services to set new Trane AHU in place
- Furnish and install new chilled water pump
- Furnish and install new pipe connections to both chilled and hot water pumps
 - Strainers
 - Flex Connectors
 - Isolation Valves
 - Check Valves
 - Associated apparatus for pressure gauges and drains
- Provide and install new chemical shot feeders for the two pumps along with associated valves and fittings
- Furnish and install new piping as shown on the drawings provided.
- Furnish and install new ductwork fabricated per SMACNA Standards
- Insulate new with 1 ½" ASJ Fiberglass insulation with aluminum jacket as specified
- Provide electrical to new equipment from local panel

Trane AHU:

Packaged Air Handling Units (Qty: 1)

Item	Tag(s)	Qty	Description	Model Number
A1	AHU-S-1	1	Packaged Climate Changer (LPCA) (LPC)	LPCAF17F

Packaged Climate Changer
 Vertical with Top Back Discharge
 Unit Size 17 Square Feet of Coil
 460/60/3
 1" Double wall, field external isolation
 Stainless Steel Drain Pan, RH Coil / RH Motor & Drive Location
 6 Row Hydronic Coil with 12 Fins per Inch
 1 Row Reheat Hydronic Coil with 12 Fins per Inch (4.72 Fins per cm)
 Tracer AH.540 - Discharge Temp Control
 7-1/2 Horsepower (5.595 kW) Motor
 Constant Volume with Fixed Pitch Sheaves
 800 rpm Fixed / 750 - 850 Variable
 2" Angle Filter & Mix Section
 Low Limit, Dirty Filter and Fan Status Switch
 Discharge Air Sensor and Normally Open Factory Mounted Mixing Box Actuator

Digital Zone Sensor & Operator Display
The Cooperative Purchasing Network
Pre-arranged/Pre-approved Total Price (excluding taxes)..... \$ 73,180.00

Clarifications:

- All estimated hours are in compliance with the latest version of RS Means Cost Data with Labor Location Factor of 0.75 and do not exceed these hours. If RS Means estimate guidelines are exceeded, a certificate of deviation will be provided.
- Hinged Access doors are specifically excluded
- Life Safety apparatus and tie-in to owners system if any are excluded

NOTE: PLEASE SEND ALL PURCHASE ORDERS TO:

Attn: Joe Lucash – National Account Executive
Fax 972-243-1398

Trane appreciates the opportunity to be of service to the City of Fort Worth and the Rolling Hills Waste Water Treatment Plant. If there are any questions concerning this or any other matters, please call.

Sincerely,



Joe Lucash
National Account Executive
1400 Valwood Parkway, Suite 100
Carrollton, TX 75006
Phone: (972)406-3650
Fax: (972)243-1398