

DESCRIPTION OF WORK

Furnish and install chiller, cooling tower, condenser water pump, piping, wiring, controls, and all work and materials as required to provide summer cooling to the fan coil unit system.

Equipment shall be as follows:

Chiller - Trane CG50C, 48.9 tons capacity when handling 146 GPM of chilled water leaving @ 45 degrees Fahrenheit and 153 GPM condenser water entering @ 85 degrees Fahrenheit and leaving @ 95 degrees Fahrenheit.

Cooling Tower - Capacity to offset heat rejection of chiller, cooling 147 GPM from 95 degrees Fahrenheit to 85 degrees Fahrenheit with ambient wet bulb temperature of 77 degrees Fahrenheit.

Condenser Water Pump - 1750 RPM, 153 GPM @ 40 ft. head 2 HP
Chilled water and Condenser water piping shall be 3 inches.

Controls - Shall be provided as indicated for "future controls" under Section 15B.41.11 in the contract specifications except an automatic summer winter change over device shall be provided to operate through an automatic setting on the summer winter switch. Switch shall be marked "summer-winter-automatic".

Materials and installation shall be in accordance with the contract plans and specifications unless noted otherwise.