

AXE ALTERNATES

Alternate M-1 Direct Steam Humidification

The contractor shall state the amount to add to the base bid to install a direct injection steam humidifier. This alternate shall include the installation of the humidifier, condensate receiver/pump unit, steam piping, condensate piping, vent piping traps, valves, strainers, controls and electrical as indicated on the plans and as required for a complete and fully functional system.

The steam and condensate piping shall be installed, sized and configured, as indicated on the plans and to accommodate the future installation of the steam to water heat exchanger that is included and scheduled to be bid as alternate bid item #2.

Alternate Bid item #2 Steam to Water Heat Exchanger

The contractor shall state the amount to add to the base bid to install a steam to water heat exchanger for the heating of the hot water utilized for heating of the space. This alternate shall include the installation of the heat exchanger, steam piping, condensate piping, vent piping traps, valves, strainers, controls and electrical as indicated on the plans and as required for a complete and fully functional system.

Note that in the base bid, the existing boiler will be used for the heating of the heating hot water system. The piping in the boiler room shall be revised as indicated on the plans. The primary pump will be removed the secondary pump will be removed and replaced with a new pump; the modulating control valve will also be removed. Existing controls will be modified as indicated on the plans.

Note that all work shall be completed in a manner so as to allow for the future incorporation of an alternate bid item that may not be accepted at this time.