

MSI **MECHANICAL SERVICES, INC.**

A Division of Julian Speer Company
July 25, 2000

Mr. Roland Hall
Service Director
City of Gahanna
200 South Hamilton Road
Gahanna, Ohio 43230

RE: Second floor offices for the City Hall Building

Dear Mr. Hall:

We are pleased to quote on the modifications to the new hvac system installed for the second floor new offices at the City Hall Building. Our scope is as follows:

- Furnish and install necessary flex duct work needed to install the supply air diffusers provided by the City of Gahanna. The ceiling is being used as the return air plenum and the lay in light fixtures to be used as return devices. This scope of work was not completed by the previous contractor.
- Demo the existing supply and return chilled and hot water piping from the mains to the new fan coil units. The existing piping that was installed will negatively affect the performance of the new fan coil units and must be replaced.
- Furnish and install supply and return chilled and hot water piping from the existing mains to the new fan coil units already installed including necessary pipe, fittings, and valves. Reuse the new Johnson 3 way valves being removed during demo and being reinstalled.
- Furnish and install necessary pipe insulation for chilled and hot water lines.
- Furnish and install the make up air unit for the specified outside air system, including the necessary duct work. The previous contractor has not supplied the make up air unit and the wrong duct was installed and must be replaced.
- Relocate Fan Coil Unit #1 and tie in new supply air duct work to the existing duct work. The previous contractor installed the unit and duct work to close to the room it is serving causing a restriction in the air flow, so the unit must be relocated to correct the air flow problem.
- Install isolation pads on the four new fan coil units. The previous contractor did not install any type of isolation for the fan coil units, which was required by the specifications.



- Repipe condensate drains as required including necessary pipe insulation. The previous contractor left part of this work incomplete and some of what was installed will not drain properly.
- Programming the new Johnson controls into the existing Johnson control DDC system including wiring, controls, any material to make the controls operable by Johnson Controls.
- Air balance and water balance the remodeled area of the second floor after all control and duct modifications have been completed.
- Install necessary glycol in the new system piping.
- Start up and check out each air handling system and start up of controls by Johnson controls.
- Rebalance air handlers 10,11, &12 on the existing side of the second floor.

Our price is \$25,734.00

This price does not include the following:

- Electrical power wiring.
- Control wiring
- Any controls or work related to controlling the system.
- Ceiling work
- Light fixtures or installation.
- Any piping or repairs to the hot and chilled water line mains.
- Any work not listed above.

Standard Clarifications

- 1) This price does not include overtime other than what is in the scope above.
- 2) The price in this proposal is valid for 15 days.
- 3) All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workers' Compensation Insurance.



4) This price is based on having reasonable access to the work area and performing work during normal working hours.

5) We do not include any asbestos or lead paint removal or related work. If these materials are encountered, we will stop work in that area until the owner resolves the problem.

Thank you for the opportunity to be of service. If you have any questions, please call me.

Sincerely,

MECHANICAL SERVICES, INC.

A Division of Julian Speer Company

Jim Hargen
Sales Engineer

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: _____ Signature _____