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June 29, 2023

Meyer Najem  
Indiana

Attn.: Quinn Reuter

RE: Central Indiana - McCordsville Police Department - Indoor Firing Range - Range Ventilation System

## **BUDGET PROPOSAL**

We are pleased to offer this proposal for the design, installation, start up and controls of the firing range ventilation system. Our proposal is for complete range ventilation system for a 20'6" wide bay with eight (8') height at the safety ceiling including the following:

### **Assumptions:**

- Equipment located on grade - side of building (as shown on Carey's concept drawing)
- Outside ductwork requires duct insulation & weather proof jacketing
- Natural gas is available for heating. NOTE: Propane or electric heating will result in increased cost to project pricing (For recirculation option)
- 3- phase power is available

### **Recirculation Style System with Heating, Cooling, Dehumidification & Filtration:**

- Complete engineering of a range ventilation system to meet the standards listed in the attached letter.
- Recirculation system with heating, cooling and filtration. (Minimum Outside Air of 25% to dilute the carbon monoxide).
- Variable Frequency Drive(VFD) for the air handling unit.
- HEPA filter rack with MERV 14 stiff-pocket bag mid-filters and pre-filter track (not used).
- Direct digital control system with connection for internet access.
- Custom made radial diffusers, dampers, & plenums.
- All necessary sheet metal duct work, fittings & installation.
- Start-up & airflow commissioning at the firing line only to be performed by Carey's in house personnel.
- One-year warranty.
- Twenty-four hour- seven day a week remote technical support by in house control technicians.
- Shipping, offloading and setting of equipment with crane included.

### **EXCLUSIONS:**

- Line voltage, power wiring and disconnects for all equipment.
- Gas piping to make up air unit.
- Condensate drain piping.
- Grade mounted equipment pads if equipment is located on grade.
- Structural Engineering and Supports, Coring, Roof patching and supports if the equipment is located on the roof.
- Any required cutting, coring, roof patching, wall patching or penetrations.
- Lay in or drop ceiling.
- Air dams or baffle enclosure panels (for tactical ranges).
- Soffit or furring strips on range rear wall - if required - to mount supply radial diffusers.

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**Carey's Small Arms Range Ventilation**

**8201 West 183<sup>rd</sup> St., Unit B, Tinley Park, IL 60487**

- We will send the control cabinet to the site. The site electrician will mount the control cabinet and provide all control conduits with pull strings. Supply 120-volt dedicated circuit to the control panel.
- Mounting and wiring of Variable Frequency Drives (VFD's).
- Non range (base building) HVAC.
- Life Safety Work, including smoke detectors.
- Internet connection & line voltage to control panel.
- Bonds, Permits & related fees.

**BUDGET PRICE:**

**\$330,000.00**

Please let me know if there are any questions.

Respectfully,



Brian Wright  
Carey's Small Arms Range Ventilation