Room CO2 & Temperature
Monitoring

CO2 & Temperature Monitor

PART 1 – GENERAL

1. RELATED DOCUMENTS
	1. Drawings and general provisions of the Contract, including General and Supplementary General Conditions and other Division 01 Specification Sections, apply to this Section

PART 2 – PRODUCTS

* 1. Wall Mount CO2 & Temperature Monitor (S&S Middle East RSCO2T Range)
		1. Product supplied shall be a wall mount combined carbon dioxide (CO2) & temperature monitor rated for indoor environments.
		2. Monitor shall be available with Bacnet MS/TP or Modbus RTU communication protocols options.
		3. Monitor shall have internal volt free relays & 0-10V output to activate ventilation equipment and warning alarms upon reaching alarm thresholds.
		4. Monitor shall be available with blank, LED or display screen options.
		5. Monitor shall include a combination of CO2 & temperature.
		6. Monitor range shall be available as 24VAC/DC or 230VAC powered.
		7. Monitor shall have an operating temperature range: -10°C to 50°C.
		8. Monitor temperature sensor accuracy shall be: ±0.5° @ 10-45°C.
		9. System shall be 5.95” x 4.37” x 1.87”
		10. Acceptable product range: S&S Middle East RSCO2T

PART 3 – EXECUTION

* 1. INSTALLATION
		1. Sensors must be installed in compliance with the manufacturer's guidelines.
		2. Install wiring and conduit to prevent interference with other systems.
		3. Ensure accessibility for future sensor maintenance and calibration.