Room CO2, Temp & Humidity
Monitoring

CO2, Temperature & Humidity 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 & Humidity Monitor (S&S Middle East RSCO2TH Range)
		1. Product supplied shall be a wall mount combined carbon dioxide (CO2), temperature & humidity 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 & humidity.
		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. Temperature sensor accuracy shall be: ±0.5° @ 10-45°C.
		9. Humidity sensor accuracy shall be: ±2% @ 15-30°C (20-90%RH)
		10. System shall be 5.95” x 4.37” x 1.87”
		11. Acceptable product range: S&S Middle East RSCO2TH

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.