# Spectrum Continuous Flow Respirator (SPECCF) Bid Specifications

**Respirator Type**
- Continuous flow airline respirator

**Components**
- Full Facepiece
- Breathing Tube Assembly
- Breathing Air Supply Hose

**Approvals**
- Code of Federal Regulations (42 CFR 84) Type C, Continuous Flow Class
- ANSI Z87.1-2003; impact, penetration and optical requirements for the lens

**Facepiece**
- Available in two sizes – Large/Medium or Small
- Single Platform Facepiece Configurable for: Continuous Flow, Pressure Demand, Pressure Demand with Escape Bottle, and PAPR
- Include translucent silicone rubber nose cup
- Replaceable polycarbonate, hard coated lens
- Optically corrected lens for prism imbalance and power
- Mask lens profile of 2.48" (62.97mm)
- Field of vision of 69% with nose cup
- Weigh 1.1 lbs (500.5g)
- Single, centered speaking diaphragm
- Accept a front-mounted quick disconnect pressure demand regulator
- Equipped with a spring-loaded exhalation valve that maintains positive pressure from 0.9-1.4 inches water in the facepiece.
- Easily adjusted head harness constructed of neoprene with a five-strap attachment.
- Head harness includes five quick release nylon buckles.
- Double facepiece flange
- No special tools need for assembly and maintenance
- Optional Mylar Lens Covers available
- Optional Spectacle Kit available

**Breathing Tube Assembly**
- Offers 3 optional breathing tube covers made from Tychem® QC, Tychem® SL or clear Poly.
- Approved and available with constant or adjustable flow control device with ½" Industrial Interchange (Hansen compatible) quick disconnect coupler for ambient air pumps.
- Approved and available with constant or adjustable flow control device with 9, ¼” quick disconnect coupler for compressed air pumps.
  - Industrial Interchange (Hansen Compatible) in steel, brass or stainless steel
  - Snap-Tite in steel, brass or stainless steel
  - Schrader
  - CEJN
  - Bayonet
- Standard Nylon belt or optional decontamination belt
Airline Supply Hose

• NIOSH approved for use with 25-300 feet of airline supply hose for compressed air
• NIOSH approved for use with 50-300 feet of airline supply hose for ambient air pumps
• Choice of neoprene reinforced rubber 3/8” I.D. hose or nylon coiled hose for compressed air. 1/2” ID hose for ambient air pumps
• Manufactured specifically to carry breathing air
• Offers 1/2” industrial interchange (Hansen compatible) nipple for ambient air pumps
• Offers 9, 1/4” approved quick disconnect couplers compatible with breathing tube fittings for compressed air
  - Industrial Interchange (Hansen Compatible) in steel, brass or stainless steel
  - Snap-Tite in steel, brass or stainless steel
  - Schrader
  - CEJN
  - Bayonet

WARRANTY

• 1 year limited manufacturer warranty for original purchaser from date of purchase