1.0 GENERAL DESCRIPTION

1.1 The unit shall be a vandal-resistant communications device that is a multi-functional, freestanding pedestal constructed of carbon steel, model CB RT from Code Blue Corporation, no substitutions. It shall include a high quality, hands-free communications device illuminated by a high intensity faceplate light and a powerful combination blue beacon/strobe light that serves to easily identify it from a distance.

2.0 CONSTRUCTION

2.1 The unit shall be a rectangle constructed of A36 carbon steel, 10" W x 8" D, 0.1875" thick wall, at a height of 108" and weigh approximately 225 lbs.

2.2 The unit shall have an internal anchor base plate that is MIG welded 2" above the base and fabricated with a minimum of 0.50" thick A-36 grade steel plate. It shall have a center hole for electrical conduit access. The base plate shall have four oblong holes on a circular bolt pattern for attachment.

2.3 An access door measuring 15.88" H x 7.88" W will be placed 10.56" from the bottom of the base to provide access for mounting to the anchor bolts and connectivity to electrical facilities. The opening shall have a cover plate, which mounts flush and is the same steel as the unit. The cover plate shall fit into the opening and have a weather-resistant gasket. The cover plate shall be held in place by two ¼-20 x 1" countersunk proprietary fasteners.

2.4 Tamper resistant proprietary fasteners manufactured for Code Blue Corporation shall be used. It shall not be possible to acquire the custom-designed bit from any other source.

2.5 A recessed opening shall be cut at a point beginning 37.38" above the bottom of the unit.

2.5.1 The opening shall be enclosed by a steel plate with a single opening for a communication device.

3.0 MOUNTING

3.1 The unit shall be mounted onto four anchor bolts that are set 0.50" above the concrete. Standard 0.75" x 24" galvanized steel anchor bolts, nuts and washers shall be supplied.

3.2 The concrete foundation shall measure 24" x 24" minimum and the anchor bolts shall protrude 6" from the foundation.

4.0 ELECTRICAL

4.1 All electrical components shall have a modular plug for easy service and replacement, and will be equipped with a fuse for protection from transient voltage conditions.

4.2 Requires 1 ampere at 24V AC.

4.3 Voltage options shall include: 12-24V AC/DC; 120, 240 and 277V AC.

4.4 The unit shall have the option for Power over Ethernet for connectivity to a VoIP network switch with 802.3af or 802.3at (minimum) capabilities. Requires the LS1000 or IP5000 phone for connectivity to ToolVox or SIP/IAX2 compatible VoIP system.

5.0 LIGHTS

5.1 LED Beacon/Strobe: It shall have a rating of no less than 270 Lumens/92 candela, a factory-set flash rate of up to 375 flashes per minute and be programmable. A deep blue UV-rated polycarbonate prismatic refractor shall surround the LED Beacon/Strobe and be used to distribute the light in a horizontal pattern for maximum brightness and visibility.

5.1.1 The communication device shall be factory programmed to activate the LED Beacon/Strobe for the duration of a call.

5.1.2 The LED Beacon/Strobe shall be 5.10” tall and 5.50” in diameter.

5.2 Faceplate light: LED will direct light onto the communications device and be vandal resistant.

5.2.1 The opening shall measure 4.50” W x .50” H.

5.2.2 The light shall have a lifetime of 100,000 hours and a rating of 100 Lumens.

6.0 COMMUNICATIONS

6.1 The unit shall have a speakerphone communication device.

6.1.1 LS1000/LS2000 – VoIP: Refer to the ***LS1000 and LS2000 Architect and Engineering Specification*** for further information.

6.1.2 IP5000 - VoIP: Refer to the ***IP5000 Architect and Engineering Specification*** for further information.

6.1.3 IA4100 - Analog: Refer to the ***IA4100 Architect and Engineering Specification*** for further information.

6.2 EIA/TIA, ANSI, CSA and BICSI cabling or similar standards shall be adhered to for proper operation of devices connected to copper or fiber infrastructure.

7.0 FINISH

7.1 The unit shall come with a standard Safety Blue powder coat finish.

7.1.1 Optional four-coat wet paint process, with zinc-rich primer for corrosion resistance and baked-on polyurethane enamel for maximum gloss and shine.

7.1.2 Optional clear coating process available to provide additional environmental protection.

8.0 COMPLIANCE

8.1 Americans with Disabilities Act (ADA) compliant

8.2 UL 2017 compliant

8.3 Meets NEMA 4 requirements

9.0 GRAPHICS

9.1 Engineering grade reflective vinyl for high visibility and legibility.

9.2 Standard 3.25” tall and 30” long graphics text offerings: Emergency, Assistance.

9.3 Standard graphics color offering: Reflective White.

9.4 Custom text, length and color options shall be available.

10.0 WARRANTY

10.1 The CB RT shall be warrantied against any defects in material and workmanship, under normal use, for a period of 2 years from date of installation. If system is found by manufacturer to be defective within the warranty period, manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to manufacturer.

11.0 MANUFACTURER

11.1 The Manufacturer shall be Code Blue Corporation. 800-205-7186, 259 Hedcor Street, Holland, Michigan 49423. www.codeblue.com. THERE ARE NO EQUIVALENTS.