

4039 Barefoot Road
Fayetteville, NC 28306
800-889-4030
910-425-3360
www.tserecon.com



19 June 2018

Milwaukee Police Department
ATTN: P.O. Chris Heideman

Memorandum for Record

Subject: Sole Source Letter

1. The purpose of this letter is to certify that Tactical Support Equipment, Inc (TSE Inc.) is the sole United States source of supply for the Octasic CBRSYS6008-EES1 Multi-Channel baseband unit supporting commercial cellular base station implementation consisting of the 8-Channel Portable Base Station Unit, 7-Band Transportable Amplifier Unit and Vehicular RSSI DF Unit.
2. Unique System Specifications:
 - a. 8-Channel Portable Base Station Unit (PBU)
 - i. Process 8-Simultaneous Signals (Transmit and Receive).
 - ii. Internally multiplexed 8-Signals to one antenna port (Transmit and Receive).
 - iii. 8-Channels can be automatically or manually configured.
 - b. 7-Band Transportable Amplifier Unit (TAU)
 - i. Available power output of up to 100-Watts per band.
 - c. Vehicular DF Unit
 - i. RSSI based with ability to discriminate signals using the Uplink Code assigned to the Handset.
 - ii. Integrated into System and also has the capability to be converted into a separate stand-alone vehicle DF platform.
 - d. 2-Box configuration for simple System installation.
 - e. Configurable User Accounts and Permissions built into the System software graphical user interface (GUI).
 - f. Capture and DF Handset on native frequency.
 - g. Target Data Correlation built into the GUI for Target Development.
 - h. System calculates Latitude and Longitude of Handset using Algorithm-based device location when Handset is captured by the System.
 - i. Map display integrated in the GUI.
 - j. System offers frequency agility from 400MHz to 4 GHz on each channel
 - i. 600MHz (LTE Band 71)
 - ii. 700 MHz (LTE Band 12, 13, 14)
 - iii. 800 MHz (CDMA Band 10)
 - iv. 850 MHz (GSM850; CDMA Band 0; UMTS 5; LTE 5, 26)

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- v. 900 MHz (GSM1900; CDMA Band 1; UMTS 2, 25; LTE 2, 25)
 - vi. AWS 1700/2100 (CDMA Band 15; UMTS 4; LTE 4)
 - vii. AWS 1700/2100 (LTE Band 10, 66)
 - viii. 1900 MHz (CDMA Band 14)
 - ix. 2300 MHz (LTE Band 30)
 - x. 2500 MHz (TDD-LTE Band 41)
3. Tactical Support Equipment, Inc does not have sub-distributors or dealers for this system.
4. Point of contact is Carl Beene at 910-425-3360 or cbeene@tserecon.com.

Carl
Beene

Digitally signed by Carl Beene
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Date: 2018.06.19 11:38:18
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Carl Beene
President
Tactical Support Equipment Inc.