



Central California Electronics

Founded 1968

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City of Lemoore
435 'C' Street
Lemoore CA, 93245
Attn: Joe Simonson

March 14, 2013

Re: **Lemoore City Council Chambers: Wireless Conference System:**
(CCE PS # 75267)

Mr. Simonson,

I would like to thank you for allowing Central California Electronics the opportunity to provide pricing to replace the existing city council conference system with a wireless solution. The following quote outlines the description, scope and materials for the project as requested.

Listen Technologies Wireless Conference System Description:

The Wireless Conference Access Point is the heart of the Wireless Digital Conferencing® system. It is the central control unit and wireless transceiver that links all the Wireless Digital Conferencing chairman/delegate units together, and can operate on both the 2.4GHz and 5GHz frequency ranges. The access point provides three (3) antennas, two (2) transceiver antennas for diversity connection to the control surfaces and a single antenna to scan the band and identify potential interference sources. The access point automatically selects and adjusts the operational frequency for the least interference of competing RF signals. The effective range of use for wireless conference units with a single Access Point is 100 ft. (30 m). Additional units can be added through the use of a Central Control Unit to increase the wireless coverage area.

The wireless access point can manage up to 1024 chairman/delegate units with a total of 8 open microphones. Data exchanged between the conference units and the access point is digitally encrypted providing a secure communication system. Up to 16 channels of simultaneous interpretation and language channels in the system is available with an add on module.

Using a built in browser, set up application settings such as operating *modes (push to talk, with request, FIFO, etc.)*, microphone level, battery status, and operational frequency are accessible for viewing and modification. Connection for this set up function is made via a standard Ethernet port. For

connection to external audio equipment such as a video conference or room PA systems, the Access Point has balanced audio connections for both an input and output.

Basic discussion and voting applications are supported by the Access Point, however expanded capabilities are provided through the use of the optional stand alone software. This software is a Windows based application that provides additional control of the Delegates, Microphones, and Voting functionality.

Listen Technologies Wireless Conference System Highlights :

- ❑ Operates on both the 2.4 GHz and 5GHz frequency bands providing more channels and a reliable wireless link any time
- ❑ Automatic scan and set up of operational frequency based on environmental evaluation of frequency spectrum use
- ❑ Automatic frequency hopping control to maintain highest quality RF signal connection to conference units
- ❑ Wireless Access Point acts as the Conference Central Control Unit
- ❑ Digital encryption for secure communications
- ❑ Supports basic discussion and voting functions without external software.
- ❑ Browser based set up and system management built in
- ❑ 100 ft. (30m) wireless range.
- ❑ Range can be expanded through linking multiple
- ❑ Built in table top, wall, ceiling or tripod mounting.

CCE SCOPE:

(CCE PS 75267)

1. Central California Electronics (CCE) will provide and install new Listen Technologies meeting/conference room system equipment in compliance with local and state codes
2. CCE will interface the new Listen conference system to select existing equipment as necessary in order to provide audio recording capability and signal to supplementary room speakers
3. CCE will remove and return to owner all existing equipment not needed
4. CCE will provide setup programming/configuration as necessary
5. CCE will Test and Check system field devices and access point for functionality and signal
6. CCE will provide an in-service to owner and/or owners representative

CCE MATERIALS:

(CCE PS 75267)

1. 1ea. Listen Technologies wireless conference access point and power supply
2. 1ea. Listen Technologies wireless chairman voting unit, microphone/speaker and battery pack
3. 7ea. Listen Technologies wireless delegate voting unit, microphone/speaker and battery pack
4. 2ea. Listen Technologies wireless charging tray for 6ea. battery packs
5. 1ea. Listen Technologies wireless 12 unit system charging/carrying case

Lot price including tax and freight:

(CCE PS # 75267)

\$36,003.00

Please Note; the following is **not** in Central California Electronics' Scope of Work.

1. Replacement of any existing equipment to be reused found to be faulty or otherwise non functioning
2. 120VAC provisions for headend equipment or charger units
3. Drawings or Permits

NOTE: If the above is not as we discussed or should you have any questions please do not hesitate to contact me.

Regards,

Michael "Dusty" Pray



I accept this quote

<i>Print name</i>	<i>Signature</i>
<i>Date</i>	<i>P.O.</i>

cc. Keith Thomas, Central California Electronics, Sales Manager,

Page 3 of CCE Figures for Lemoore City Council Chambers: Wireless Conference System

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