

ICU NURSE CALL SYSTEM REPLACEMENT

Prepared For:



Tulare Regional Medical Center

By:

**CENTRAL CALIFORNIA ELECTRONICS
08/10/18**





Central California Electronics

A California Contractor C7/C10 - 299868

www.centralcalelectronics.com

4254 N. Solland Ave., Suite 101 • Fresno, CA 93722 Tel.: • (559) 485-1254 • Fax: (559) 485-3963

Tulare Regional Medical Center
869 N. Cherry St
Tulare, CA 93274

August 10, 2018

Attn: Lionel Machado

Re: **Tulare Regional Medical Center: ICU Nurse Call System Replacement**
(CCE PS # 78214)

Mr. Machado,

Central California Electronics is pleased to have the opportunity to provide pricing to replace the existing Executone Nurse Call system with the Rauland Borg Responder 5 Nurse Call System at the above referenced site. The following quote outlines the base CCE scope, system description and materials used in the overall system upgrade:

Note: *All major Rauland system components carry a 5 year manufacturer warranty* and all parts are priced according to current Rauland-Premiere price list PP-IT-184 Effective June 1, 2018*

**Rauland materials including patient push button call cords (12 months) and pillow speakers (24 months) carry a shorter warranty period than other major components due to patient/staff wear and tear.*

CCE BASE SCOPE:

(CCE PS # 78214)

Central California Electronics base scope for the Tulare Regional Medical Center ICU Nurse Call system replacement is as follows:

1. Central California Electronics (CCE) will provide and install all components as defined herein in compliance with local and state codes
2. CCE will demo existing Executone Nurse Call System components and cabling and will provide and install new Rauland Responder 5 (R5) system cabling
3. CCE will turn over to owner all removed existing system components to facilities for future/spare use as applicable
4. CCE will use all existing infrastructure for new devices as applicable and current code allows
5. CCE will provide rough-in for new devices required by current code
6. CCE will mount OSHPD compliant OSP listed Rauland terminal cabinets on wall above existing Executone in-wall terminal cabinet in unit soiled utility room
7. CCE will provide and install new R5 system room/corridor devices in place of existing
8. CCE will provide and install new R5 nurse station master console in place of existing
9. CCE will provide and install new R5 wall mount LCD annunciator in PBX for centralized code blue network
10. CCE will provide system configuration programming
11. CCE will provide system test and check of the complete system replacement

Provider of Technology for the "New Millennium"

12. CCE will provide Overtime/night hours for ICU replacement
13. CCE will provide expedited shipping for Rauland hardware
14. CCE will provide in-service/training
15. CCE will provide system shop drawings and materials book to AOR for OSHPD submittal
 - ❑ *Note: Owner/owners representative to provide workable CAD files*
 - ❑ *Note: Owner to cover applicable OSHPD/permit fees*

ICU Base System Description:

(CCE PS# 78214)

The Base Nurse Call system equipment for the proposed replacement will be comprised of the following:

1. New headend controller and power supplies placed within Rauland OSP compliant terminal cabinet
2. New VoIP duplex audio desk top console at central nurse station
3. New VoIP duplex audio wall mini console/annunciator at PBX
4. New duplex audio patient bedside stations at each patient bed location with the following functionality/interface as applicable:
 - ❑ *Auxiliary Jack for traditional/specialty or other aux signaling equipment*
 - ❑ *TV (Digital)*
 - ❑ *Direct overhead lighting*
 - ❑ *Feature bed interface*
5. Multi-television functional pillow speaker with tilt/release din-jack and multiple programmable/configurable buttons
 - ❑ *Pillow speaker provided to allow for increased patient to nurse communication (talk-back mic on pillow speaker) and for 3ea. programmable buttons (water, pain, toilet). CCE will interface pillow speakers to rooms with existing interface (cabling) to hospital grade nurse call controllable digital TV's.*
 - ❑ *Custom pillow speaker overlays are available but will need the facilities input for separate pricing*
 - ❑ *Note: Pillow speakers are not Interactive TV/patient engagement system models. These items are provided directly by Interactive TV/patient engagement system manufacture(s) or an authorized dealer*
6. New feature bed wall plate
7. New 2-button staff emergency/code blue button at each patient bed location w/ clear cover
8. New emergency pull cord station with audio at each patient toilet
9. New 7 color multi-segment LED dome lights at each patient room doorway, corridor restrooms/showers, and select zone dome locations
10. Patient room smoke detector interface:
 - ❑ **Note:** *ICU rooms are not currently outfitted with Fire Alarm Smoke Detectors. These devices to be installed/provided by facilities FA system vendor.*

ICU Base System Materials:

(CCE PS# 78214)

CCE will provide the following base system materials in the quantities listed below:

1. 1ea.	Rauland NC2828	Nurse Call Terminal Cabinet
2. 1ea.	Rauland 351200	VoIP Area/Master Console
3. 2ea.	Rauland 351300	VoIP Staff Terminal/Mini Console
4. 1ea.	Rauland 351000	Branch Regional Controller
5. 1ea.	Rauland 351004	8 Port PoE Switch
6. 4ea.	Rauland 351003	Power Supply with Battery Backup
7. 8ea.	Rauland 353000	Single Patient Bed Side Station
8. 8ea.	Rauland 350202	Enhanced Pillow Speaker
9. 8ea.	Rauland NCBED5	R5 Feature Bed Plug
10. 8ea.	Rauland 350302	Feature Bed Control Module
11. 8ea.	Rauland 354015	2-Button Staff Emergency/Code Blue Station
12. 2ea.	Rauland 354000	Emergency Pull Cord Station w/Audio
13. 2ea.	Rauland 354100	Standard Emergency Pull Cord Station
14. 2ea.	Rauland 353100	Duty Station
15. 2ea.	Rauland 352020	Domeless Controller
16. 10ea.	Rauland 352000	4 Segment LED Corridor Dome Light
17. Lot	Rauland 350002	T-Tap Module
18. Lot	Rauland 350003	Termination Resistor
19. Lot	Rauland 350018	Multi-Pin System Connectors
20. Lot	West Penn 25226B	2 Cond 14Awg. Plenum Cable Grey
21. Lot	Berk-Tek 10032207	Cat5e Hyper Plenum Grey

Note: All applicable Rauland materials priced according to the latest Premiere GPO price list PP-IT-184

Total Base Price ICU:

\$ 79,392.00

NOTE: The base replacement figures do not include the following items:

Excluded items:

1. Advanced Nurse Call System Software (*Reports, HL7, Staff-Assignments, Phones/Pagers integration*)
2. Patient Room Staff Terminals
3. Replacement of lost, missing or damaged ceiling tile/grid
4. Servers (*physical or virtual*) or server OS for advanced software package
5. Middleware or SQL provisions
6. Mobile devices (*phones, phone systems/managers, pagers etc.*)
7. Rough-in of new **patient room in-wall back boxes** or conduit/stubs

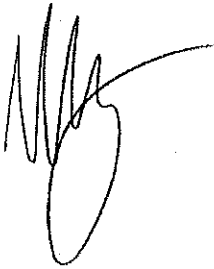
8. 120VAC provisions
9. Containment barriers (*temp const wall etc.*)
10. New or replacement low voltage light relays
11. New or replacement TV plates, jacks, or TV's
12. Interactive TV pillow speakers or interface boxes
13. New or replacement feature bed umbilical cables
14. New patient room smoke detectors/bases/relays
15. Inspector of Record (*IOR*)/OSHPD fees and permits
16. Architect of Record (*AOR*)/Electrical Engineer of Record (*EEOR*) stamp/fees
17. Structural Engineers Fees for Nurse Call Terminal Cabinet Anchorage Calcs
18. OSHPD Paperwork/submittal filing
19. CAD file creation
20. OCIP
21. CCE sub-contracting
 - Pricing is for a direct purchase by Tulare Regional Medical Center (*this price does not include CCE sub contracting to a general contractor or other contractor for work to be performed*)

*** All work requires access to whole unit for replacement**

If the preceding is not as we discussed or should you have any questions please do not hesitate to contact me at your convenience.

Regards,

Michael "Dusty" Pray



I accept this quote: _____

<p>_____</p> <p><i>Name</i></p>	<p>_____</p> <p><i>Signature</i></p>
<p>_____</p> <p><i>Date</i></p>	<p>_____</p> <p><i>P.O. (if applicable)</i></p>