

# PRODUCT DESCRIPTION

For

**NON-EXPENDABLE EQUIPMENT:**

**AUTOMATED EXTERNAL DEFIBRILLATOR**



**Prepared By:**

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Department of Veterans Affairs  
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## 1. SCOPE OF WORK:

The Veterans Health Administration (VHA) Non-Expendable Equipment National Program has identified the Automated External Defibrillator (AED) product line as a candidate for a VA-wide (otherwise referred to as “national”) single Requirements contract award. AED is a medical device that analyzes the heart’s rhythm, if necessary; it delivers an electrical shock, known as defibrillation, which helps the heart re-establish an effective rhythm. It is a portable electronic device that automatically diagnoses the life-threatening cardiac arrhythmias of ventricular fibrillation and pulseless ventricular tachycardia in a patient, and is able to treat them through defibrillation, the application of electrical therapy which stops the arrhythmia, allowing the heart to reestablish an effective rhythm. An AED is the only effective treatment for restoring a regular heart rhythm during sudden cardiac arrest and is an easy to operate tool for someone with no medical background.

The Contractor must demonstrate the ability to meet all requirements for the solicitation. The objective is to provide AED to be used by clinicians throughout the VA medical centers and facilities. The period of performance is for one (1) 12 month base period with two (2) twelve (12) month option periods.

## 2. REQUIREMENT

This requirement will be IAW FAR clause 52.211-6, “Brand Name or Equal” which requires that the quote indicate that each product that is being offered as an “equal” product to the ZOLL® brand of AED. For each equal product, the offeror must include a description reflecting the salient characteristics (SC) and level of quality that will satisfy the salient physical, functional, or performance characteristics of the equal product(s) specified in the solicitation. The quote must also clearly identify the item by brand name (if any) and make/model number. Finally, the quote must include descriptive literature, such as illustrations, drawings, or a clear reference to previously furnished descriptive data or information available to the contracting officer, and clearly describe any modifications it plans to make to a product to make it conform to the solicitation requirements.

CLIN	Brand	Product Number	Description
0001	Zoll	20100001102011000	AED Plus with AED Cover
0002	Zoll	20100000102011000	Fully automatic AED Plus with AED Cover
0003	Zoll	90110320499991000	AED PRO ZOLL Semi-Auto/Manual w/Lithium Bat & CPR-D Padz
0004	Zoll	8900-0800-01	Zoll CPR-D padz (One piece Defibrillator Pads)
0005	Zoll	8900-0810	Zoll pedi padz II Defibrillator Pads
0006	Zoll	8900-0402	CPR stat•padz HVP Multi-Function CPR Electrodes

CLIN	Brand	Product Number	Description
0007	Zoll	8900-0003	ECG Electrodes - 3 ECG electrodes/pouch (200 pouches/600 electrodes)
0008	Zoll	8019-0535	SurePower™ Rechargeable Lithium Ion Battery Pack
0009	Zoll	8050-0030	SurePower Charging Station 4 charging bays
0010	Zoll	8200-000100	SurePower Single bay charger (ZOLL lithium batteries only) does not support lead acid
0011	Zoll	8000-0860	AED Pro non-rechargeable lithium battery pack
0012	Zoll	8000-0810	AED Pro Soft Carry Case
0013	Zoll	8900-0400	CPR stat•padz HVP Multi-Function CPR Electrodes (Case of 8 Pair)
0014	Zoll	8000-0814	Recessed Wall Mounting Box
0015	Zoll	8000-0817	Surface Mount Wall Cabinet
0016	Zoll	8000-0802	ZOLL Replacement Softcase
0017	Zoll	8000-0832	AED Pro Molded Vinyl Carry Case with Spare Battery Compartment
0018	Zoll	8000-0855	Standard Metal Wall Cabinet - Alarmed
0019	Zoll	8000-0875	AED Pro Hard Case with Foam Cut-Outs
0020	Zoll	8000-0819	Simulator/Tester
0021	Zoll	8008-0006	Real CPR Help Travel Trainer
0022	Zoll	8000-0829	AED Pro Simulator
0023	Zoll	8900-5007	CPR-D Demo Pad
0024	Zoll	8000-0835	AED Plus Demo Manikin.
0025	Zoll	8900-0190	Training CPR stat•padz
0026	Zoll	8000-0834	AED Demo Kit.
0027	Zoll	8008-0050-01	AED Plus Trainer 2 Unit
0028	Zoll	8900-0804-01	CPR-D•padz Training Electrodes
0029	Zoll	8900-0805-01	ZOLL Training Electrodes stat•padz II, AEDPlus®, 6 pairs/case
0030	Zoll	8900-0803-01	Replacement Adhesive gels for CPR-D•padz
0031	Zoll	8000-0807-01	Type 123 Lithium Batteries, quantity of ten (10) with storage sleeve

The Department of Veterans Affairs (VA) is seeking vendors who can provide Zoll® brand of Automated External Defibrillators as listed above or equal commodities which meet all of the following salient characteristics:

The following SC's apply to CLINs 0001, 0002, 0003

	<b>SALIENT CHARACTERISIT</b>	<b>METHOD OF EVALUATION</b>
<b>SC 01</b>	Measuring Chest Compression.	Literature Review
<b>SC 02</b>	Provides simplify pad placement steps and guidance	Literature Review
<b>SC 03</b>	Provide a range of energy selection pediatric and adult (50, 70, 80, 100,120,150,200, & 250) Joules	Literature Review
<b>SC 04</b>	Protected ECG circuitry and shock energy level both pediatric and adult	Literature Review
<b>SC 05</b>	Patient Safety connections are electrically isolated	Literature Review
<b>SC 06</b>	Charge Time Less than 10 seconds.	Literature Review
<b>SC 07</b>	Configurable automatic self-test checks,	Literature Review
<b>SC 08</b>	System determine if defibrillation needed based on electrode connection and patient ECG,	Literature Review
<b>SC 09</b>	Records and Stores ECG and CPR data,	Literature Review
<b>SC 10</b>	Must provide CPR metronome from at least 60 to 100 CPM	Literature Review
<b>SC 11</b>	Must have capability to download data to a PC	Literature Review
<b>SC 12</b>	Weight - Complete unit, excluding batteries, shall not exceed 20 pounds	Literature Review

The following SC applies to CLIN 0004

	<b>SALIENT CHARACTERISIT</b>	<b>METHOD OF EVALUATION</b>
<b>SC 13</b>	Shall have a one-piece defibrillation with compression depth and rate sensors.	Literature Review

The following SC applies to CLIN 0005

	<b>SALIENT CHARACTERISIT</b>	<b>METHOD OF EVALUATION</b>
<b>SC 14</b>	Shall provide pediatric defibrillation pads.	Literature Review

The following SC applies to CLIN 0006

	<b>SALIENT CHARACTERISIT</b>	<b>METHOD OF EVALUATION</b>
<b>SC 15</b>	Shall provide High Viscosity Polymer (HPV) gel coated electrodes.	Literature Review

The following SC applies to CLIN 0007

	<b>SALIENT CHARACTERISIT</b>	<b>METHOD OF EVALUATION</b>
<b>SC 16</b>	Shall provide non-coated electrodes.	Literature Review

The following SC applies to CLIN 0012, 0016, 0017

	<b>SALIENT CHARACTERISIT</b>	<b>METHOD OF EVALUATION</b>
<b>SC 17</b>	Carrying cases: soft or hard with handle shoulder strap must be available & accessory storage compartments.	Literature Review

The following SC's apply to CLIN's 0008, 0009, 0010, 0011, 0031

	SALIENT CHARACTERISIT	METHOD OF EVALUATION
SC 18	Operating temperatures range from: 32 °F to +104 °F (0 °C to 40 °C)	Literature Review
SC 19	Powered: User-Replaceable Batteries or Rechargeable batteries: Meets applicable requirements Class II internally powered EN60601-1	Literature Review

The following CLIN's are ancillary items with general descriptions with no associated SC's:

CLIN	Brand	Product Number	Description
0013	Zoll	8900-0400	CPR stat•padz HVP Multi-Function CPR Electrodes (Case of 8 Pair)
0014	Zoll	8000-0814	Recessed Wall Mounting Box
0015	Zoll	8000-0817	Surface Mount Wall Cabinet
0018	Zoll	8000-0855	Standard Metal Wall Cabinet - Alarmed
0019	Zoll	8000-0875	AED Pro Hard Case with Foam Cut-Outs
0020	Zoll	8000-0819	Simulator/Tester
0021	Zoll	8008-0006	Real CPR Help Travel Trainer
0022	Zoll	8000-0829	AED Pro Simulator
0023	Zoll	8900-5007	CPR-D Demo Pad
0024	Zoll	8000-0835	AED Plus Demo Manikin.
0025	Zoll	8900-0190	Training CPR stat•padz
0026	Zoll	8000-0834	AED Demo Kit.
0027	Zoll	8008-0050-01	AED Plus Trainer 2 Unit
0028	Zoll	8900-0804-01	CPR-D•padz Training Electrodes
0029	Zoll	8900-0805-01	ZOLL Training Electrodes stat•padz II, AEDPlus®, 6 pairs/case
0030	Zoll	8900-0803-01	Replacement Adhesive gels for CPR-D•padz