



WHITE COUNTY, TENNESSEE
DEPARTMENT OF FINANCE
COURTHOUSE ROOM 204
1 EAST BOCKMAN WAY
SPARTA, TENNESSEE 38583
PHONE (931)-836-3216 FAX (931)-836-3343
finance@whitecountyttn.gov

WHITE COUNTY, TENNESSEE
Bid Package
for
Bid Number: 2016-0623-01-018

Monitor Defibrillators

Bid Opening:
June 23, 2016
2:00pm Central Time

Contents:
Information to Bidders
Specifications
Bid Forms
Advertisement

*Posted for public inspection at
whitecountyttn.gov/bids*



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Invitation to bid

Description of items/services requested:

The White County Government is soliciting bids for the purchase of one (1) or more monitor defibrillators for emergency medical service purposes.

General Requirements:

Proposals, bids, or responses will be accepted by the White County Department of Finance no later than **2:00 p.m. June 23, 2016** (local time). Every document must be enclosed in an envelope clearly marked as a bid document. Any response, bid or proposal received after the above deadline shall be considered late, and will not be opened or considered. Bid prices must be valid for no less than thirty (30) days from the date of the bid.

All documents shall be submitted to the following address:

Chad S. Marcum, Director of Finance
White County Department of Finance
Courthouse Room 204
1 East Bockman Way
Sparta, Tennessee 38583

Specifications:

For the purposes of this bid, White County is specifying a Zoll Series X monitor defibrillator for which all bids must meet or exceed.

- See detailed specification sheet attached.
- Bids should include delivery to Sparta, Tennessee
- 1 year warranty – minimum
- Preventative Maintenance (2+years)
- Must include all necessary cables, sensors, and batteries for full operation at time of delivery.

The contract issued as a result of this bid will be valid until June 30, 2017, at which time the contract may be extended for three (3) additional twelve (12) month periods. This extension must be acceptable to both White County and the contractor. Price redeterminations and product substitutions will be allowed if the contract is extended under this clause. Product substitutions will be allowed only if the substitution is a newer model. All price redeterminations or product substitutions must be deemed acceptable by White County.

Alternate bids and specifications are not acceptable unless specifically asked for and /or authorized.



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General Bidding Procedures

Bid Limit: White County requires all purchases over \$25,000 to be acquired by sealed competitive bids. Exceptions: Fuel, emergency purchases, and any items excluded by statute

Location: All bids must be submitted to the White County Department of Finance at or before the announced deadline.

Courthouse Room 204
1 East Bockman Way
Sparta, Tennessee 38583

Bid Document: For certain projects the Owner will supply a bid form to be completed by the bidder. When such forms are issued, only bids returned with the proper forms will be accepted. Envelopes must be sealed and marked as a bid document. Any bid may be withdrawn prior to the day, date and time as set forth in the "bid invitation". On construction related bids, the envelope must contain the following information visible from the outside: TN License number, expiration date, classifications and limitations.

Electronic transmissions: Electronic transmissions will not be accepted except when in the course of the bidding process addendums or other notifications of errors on behalf of the owner places an undue hardship upon prospective bidders. Written notification by the owner must precede the acceptance of Facsimile transmissions.

Bid Bond: For construction related bids, in excess of \$25,000 dollars, the owner requires a bid bond equal to five percent of the total price of the bid. Contracts for the services of a construction manager shall require a bid bond in the amount of ten percent. The owner may request bonds on other services as determined by the Finance Department.

Performance Bond: For construction related bids, in excess of \$25,000 dollars, the owner requires a performance bond equal to one hundred percent of the contract price. The owner may request bonds other services as determined by the Finance Department.

Payment Bond: For construction related bids, in excess of \$25,000 dollars, the owner requires a payment bond equal to one hundred percent of the contract price except as stipulated under T.C.A. 12-4-201. The owner may request bonds other services as determined by the Finance Department.

Disclosures by bidders: For construction bids in excess of \$25,000 interested bidders must include the following information on the outside of the envelope containing the bid document: Name, License number, Expiration date thereof, and license classification of the contractors applying to bid as stated in T.C.A. 62-6-119. For construction bids less than \$25,000, the name only is required. White County maintains a drug-free workplace and requires all bidders for construction contracts to comply with T.C.A. 50-9-114.

Laws and Regulations: The bidder's attention is directed to the fact that all applicable state laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full. Bidders may be required to provide proof of valid business license and Workers Compensation Insurance if required by law.

Sub-contracts: The Bidder is specifically advised that any person, firm, or other party to whom it is proposed to award a sub-contract under this contract must be acceptable to the Owner.



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Award of Contract: The owner (White County) further reserves the right to reject any and all bids, to waive any and all informalities and to negotiate contract terms with the successful bidder, and the right to disregard all non-conforming, non-responsive or conditional bids. White County may conduct such investigations as it deems necessary to assist in the evaluation of any bid to establish the responsibility, qualifications, and financial ability of the bidder, proposed sub-contractors and other persons and organizations to perform the work in accordance with the contract documents to the bidder who does not pass any such evaluation to the owner's satisfaction. The contract shall be awarded to the lowest, best and most responsible bidder, whose evaluation by the owner indicates to the owner that the award will be in the best interest of White County. It is also understood that the "apparent low bidder" will be announced at the bid opening; however the "successful bidder", who may or may not be the lowest bidder, will not be announced until all issues, which include, but are not limited to quality, service, conformity to specifications, etc. have been resolved and until a period of review has been completed by the County. White County does not enter into contracts which provide for mediation or arbitration.

Construction Contracts – Retainage: The Owner will retain five percent of funds on contracts over \$500,000 dollars per T.C.A. 66-11-144.

Title VI of the Civil Rights Act of 1964: All interested parties, without regard of race, color or national origin, shall be afforded the opportunity to bid and shall receive equal consideration. Title VI states "No person in the United States shall, on the ground of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program activity receiving Federal financial assistance." White County strives to protect individuals' civil rights through active compliance with the requirements of Title VI.

Warranty: The vendor shall provide warranty information on the equipment, components and items bid with the bid submittal.

Payments: Invoices that are submitted by the awarded bidder are required to provide accurate and current addresses. Payment terms shall be specified in the bid response, including any discounts for early payment. The Finance Department of White County discourages the practice of picking up checks in person, unless there is an emergency situation.

Errors in Bids: When an error is made in extending total prices, the unit bid price will govern. Carelessness in quoting prices or in preparation of bid otherwise, will not relieve the bidder. Erasures or changes to bids must be initialed. Any alteration, erasure, addition to or omission of required information, change of the specifications or bidding schedule, is made at the risk of the bidder.

Taxes: White County is tax exempt.

Tie Bids: If two or more bidders submit identical bids and is equally qualified; selection shall be made at the discretion of the county based on performance.

Contractors, Subcontractors and employees: If work is to be performed during regular school hours when children are present, the county reserves the right to require background checks, dress codes and certain ethical standards of all employees on school property.

Specification details: These specifications have been designed to meet a certain level of quality as well as to standardize certain components. In numerous places reference to specific brands of components may have been made. This has been done to establish a certain level of quality and in no way is an attempt to write out vendors of similar or equal equipment components.



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Bid Form

Project: Monitor Defibrillators
Bid Date: June 23, 2016; 2:00p.m. central time
Company Name: _____
Address: _____

Phone Number: _____
Contact: _____
Email Address: _____

Bid Item – Monitor Defibrillator

Bid Amount: _____ Dollars per monitor.
(\$ _____) per monitor.

By submitting a bid, bidder agrees to and confirms that the above bid price is inclusive of all specifications and conditions as outlined in this invitation to bid unless otherwise specifically noted by the bidder.

Signature: _____
Title: _____
Date: _____



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**White County EMS
Monitor Defibrillators
Contract Agreement**

We have carefully examined and fully understand the General Bid conditions in furnishing the White County prices for items requested.

In compliance with the bid awards and subject to all terms and conditions listed on the General Bid conditions, the undersigned offers and agrees to sell to the White County all items as quoted. It is understood that all prices quoted include any and all delivery charges and are not subject to finance charges.

Company: _____

Representative: _____

Signature: _____

Title: _____

Date: _____



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Advertisement for Bid

White County, Tennessee
Advertisement for Bids
Bid No. 2016-0623-01-018

Take notice that the Director of Finance for White County shall accept sealed written bids for the purchase of one or more monitor defibrillators.

Proposals, bids, or responses must be submitted to the office of the Director of Finance, Room 204, White County Courthouse, Sparta, Tennessee, 38583, no later than 2:00 P.M. central time, June 23, 2016 at which time the bids will be opened and considered.

Copies of bid documents may be obtained at whitecountyttn.gov/bids

The owner (White County) further reserves the right to reject any and all bids, to waive any and all informalities and to negotiate contract terms with the successful bidder, and the right to disregard all nonconforming, non-responsive or conditional bids.

Chad S. Marcum
Director of Finance
Publication Date: 06/13/2016

White County, Tennessee Defibrillator Specifications

Bidder Information:

Name of Bidder: _____
 Address of Bidder _____
 Contact name: _____
 Phone number: _____
 Email Address: _____

You must return a copy of these specs with your bid response noting all exceptions and deviations.

<u>Equipment</u>	<u>Description</u>	<u>YES</u>	<u>NO</u>	<u>List Exception</u>
Type	ZOLL X-Series Defibrillator (or approved equivalent)	_____	_____	_____
General	For use on adult, pediatric, and neonatal patients	_____	_____	_____
General	Capable of operating in temperatures between 32°F and 122°F	_____	_____	_____
General	Vibration tested to meet EN1789 for ambulance operation	_____	_____	_____
General	Built-in AC or DC power	_____	_____	_____
General	Minimum 6 hours of continuous ECG monitoring with lithium battery	_____	_____	_____
General	GPS - Clock sync feature	_____	_____	_____
General	CPR help should be standard feature	_____	_____	_____
General	Tri-mode display: color, black on white, white on black.	_____	_____	_____
General	Display dynamic 12-lead ECG on screen	_____	_____	_____
General	Display static ECG analysis results and dynamic ECG on screen concurrently	_____	_____	_____
General	LCD Display	_____	_____	_____
General	Provide real-time audio and visual CPR rate, depth, release feedback with a perfusion performance index	_____	_____	_____
General	CPR artifact filtering to allow rescuer to see underlying rhythms to minimize pauses in compressions.	_____	_____	_____
General	Current AHA Guidelines compliant and upgradeable to updated AHA Guidelines	_____	_____	_____
General	Provide the option for CPR data to be recorded to internal memory	_____	_____	_____
General	Provide a filter that will allow continuous chest compressions to be done for the full duration of the users CPR protocol.	_____	_____	_____

<u>Equipment</u>	<u>Description</u>	<u>YES</u>	<u>NO</u>	<u>List Exception</u>
General	The CPR option on the device must be able to be used in a moving environment, such as an ambulance			
General	The CPR option must allow the option for anterior-posterior and anterior-anterior pad placement			
Monitoring	Patient monitoring through 3-lead, 4-lead, 5-lead and 12-lead ECG cables, multi-function electrodes and paddles			
Monitoring	Impedance pneumography for monitoring respiratory rate via ECG Leads I or II			
Monitoring	Measure respiratory rate via capnography or impedance pneumography			
Monitoring	Lead selector button located to allow user to change leads easily			
Monitoring	Display lead selected at all times			
Monitoring	Leads must be fully defibrillator protected			
Monitoring	Dedicated circuitry that detects most implanted pacer spikes			
Monitoring	Display standard marker of pacer spike on ECG trace			
Monitoring	Must have the following bandwidths: 0.67–20 Hz Limited mode, 0.67–40 Hz Monitor mode, 0.25–40 Hz Filtered Diagnostic mode and 0.05–150 Hz Diagnostic			
Monitoring	Must have the following ECG sizes: 0.125, 0.25, 0.5, 1, 2, 4 cm/mV and auto-ranging			
Monitoring	Must show heart rate on display and contain user selectable alarms			
Monitoring	In AED Mode, the device must be able to use any of the following monitoring parameters: EtCO2, SpO2, SpCO, SpMet, 12-lead ECG and/or NIBP			
Electrodes	Multi-Function Electrodes that allow pacing, defibrillation, cardioversion and ECG monitoring via one set of disposable pads			
Electrodes	Electrodes must include an accelerometer to enable CPR feedback and artifact filtering functionality			
Electrodes	Adult paddles must incorporate pediatric paddles			
Defibrillator	Unit must utilize a high current, low energy rectilinear, constant current biphasic waveform			
Defibrillator	Unit should have energy selections available to provider in manual mode operation: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 70, 85, 100, 120, 150 and 200 joules			
Defibrillator	Must meet current AHA specifications for biphasic defibrillation			
Defibrillator	Display energy selected and delivered on monitor display, strip chart recorder and code summary			
Defibrillator	Adult paddles must slide off paddle housing to expose pediatric paddles			
Defibrillator	Contain a built in defibrillator tester that tests energy output and continuity of the multi-function cable and paddles documented on strip chart recorder and internal			

<u>Equipment</u>	<u>Description</u>	<u>YES</u>	<u>NO</u>	<u>List Exception</u>
Defibrillator	Single "Multi-function cable" that operates both multi-function electrodes and external paddles			
Recorder	Thermal strip chart recorder			
Recorder	User configurable print out modes offering manual or automatic recording options initiated by alarm activation or defibrillator discharge			
Pacemaker	Utilize a constant current 40 ms pace pulse width duration waveform			
Pacemaker	Continuously variable current level			
Pacemaker	Continuously variable pacing rate from 30 - 180 ppm			
Pacemaker	Pacer parameters must be maintained when switching back to defibrillation or monitor mode			
Pacemaker	Pacer must continue to deliver life-saving therapy in the event an ECG lead falls off			
12-lead ECG	12-lead ECG must not require any special hardware or proprietary software to view			
12-lead ECG	12-lead ECG parameter must allow direct transmission of 12-lead ECG to RescueNet 12-Lead via PAN Bluetooth, WiFi or USB Cell modem			
12-lead ECG	Device must offer an optional 0.05 to 40 Hz Diagnostic bandwidth			
12-lead ECG	12-lead parameter must allow users to easily insert patient name, age and gender using soft keys on the defibrillator			
12-lead ECG	12-lead patient cable must consist of 4 limb leads and a separate V-lead cable			
Pulse Oximetry	Integrated Oxygen Saturation (SpO2), Carboxyhemoglobin Saturation (SpCO) and Heart Rate measurement.			
Pulse Oximetry	Ability to automatically display HR, SpO, and SpCO values on the screen without user intervention			
Pulse Oximetry	Utilize pulse oximetry technology that has FDA 510(k) clearance for use during patient motion and low perfusion			
Capnography	Defibrillator must be capable of providing continuous EtCO2 and respiratory rate readings as well as a capnogram for on-screen display or print-out			
Capnography	Capnography device must be fully operating in 20 seconds or less			
Non-Invasive BP	Capable of acquiring a blood pressure measurement on inflation within 30 seconds			
Non-Invasive BP	Capable of synchronizing the oscillation to the R-wave of the ECG			
Non-Invasive BP	Incorporate non-invasive oscillometric technology			
Non-Invasive BP	Display systolic, diastolic and mean arterial (MAP) pressures			
Non-Invasive BP	Capable of taking automatic, stat or manual measurements			
Non-Invasive BP	Automatic intervals should be user adjustable			

<u>Equipment</u>	<u>Description</u>	<u>YES</u>	<u>NO</u>	<u>List Exception</u>
Non-Invasive BP	Include an artifact indicator which is displayed when excessive artifact is detected	_____	_____	_____
Battery/Charging	Capable of using rechargeable lithium-ion batteries	_____	_____	_____
Battery/Charging	Recharge time of 4 hours or less with the integral charger	_____	_____	_____
Battery/Charging	Low battery indicator	_____	_____	_____
Battery/Charging	Battery Management charger system capable of charging both sealed lead acid and lithium ion batteries	_____	_____	_____
Battery/Charging	Battery Management Software program for maintenance and conditioning of the batteries	_____	_____	_____
Battery/Charging	When plugged in, the AC charger must be able to recharge a depleted lithium ion battery, operate the device without a battery or batteries in device and simultaneously recharge battery and operate device	_____	_____	_____

This form must be completed and returned with the Bid Form, which indicates the bid price.