

**TOWN OF PETERBOROUGH
CAPITAL IMPROVEMENT PROGRAM
PROJECT PROPOSAL**

FY 2023 – 2028

DEPARTMENT: Fire & Rescue

I. Year Proposed for Construction or Purchase: FY2023

II. Project Cost: \$146,783.44

III. Title of Project: Zoll X-Series Cardiac Monitor Replacement

IV. Description of Project: This project is to replace 4 existing Zoll Cardiac Monitors. These monitors are compatible with the Zoll AEDs currently located in several town buildings and carried by the PPD in their cruisers.

V. Location of Project: These monitors will be deployed in the ambulances operated by the Peterborough Fire & Rescue Department.

VI. Justification/Need/Vision: (Use a separate sheet if necessary)

The Peterborough ambulance service responds to approximately 2,500 calls for service annually. Cardiac monitors are a key diagnostic tool that is not only required by RSA, and necessary to deliver patient care per protocol, but they are utilized on virtually all these incidents as a primary diagnostic tool.

Having been placed into service in the fall of 2015, our current Zoll X-Series Monitors have been in-service for 6 years. Over the last 18 months we have begun to see an increase in repair requests for these units resulting in increased downtime and maintenance costs. Catastrophic failure of a unit would result in compromised patient care and an ambulance being taken out of service.

It is also important to note that the diagnostic and therapeutic technology in these devices has undergone significant improvement over the last 6 years. Incorporating these new technologies into PFR's clinical practice will result in improved outcome for patients.

VII. Cost Summary (Ensuing Years):

<i>Project/Activity</i>	<i>Appr. to Date</i>	<i>FY23</i>	<i>FY24</i>	<i>FY25</i>	<i>FY26</i>	<i>FY27</i>	<i>FY28</i>
Replace Cardiac Monitors	\$0.00	\$49,000	\$49,000	\$49,000			
Capital Reserve Fund							
<i>Subtotal</i>							
Anticipated Revenues							
<i>Total</i>		\$49,000	\$49,000	\$49,000			

VIII. Needs Criteria (Check as many as apply):

X	1. Improving existing services.		8. Coordinating facilities development.
	2. Complying with legal mandates of state or federal government.		9. Meeting demands for service resulting from Town growth.
	3. Improving existing environment.		10. Guiding future town growth and development.
X	4. Protecting the health and safety of the populace.		11. Improving the basis for intergovernmental and regional cooperation.
	5. Achieving optimum and efficient use of municipal funds through cost savings, or avoidance of costs, or coordination of projects.		12. Enhancing opportunities for participation in federal or state grant-in-aid programs.
	6. Meeting demands for service resulting from population growth.		13. Maintaining a sound and stable financial program.
	7. Preserving existing facilities through repair.		

IX. Project Ranking (Check only one):

	URGENT PROJECTS <ul style="list-style-type: none"> ▫ Meet emergencies threatening life, health, and safety ▫ Perform work required by state or federal law
X	NECESSARY PROJECTS <ul style="list-style-type: none"> ▫ Eliminate safety hazards ▫ Correct code violations ▫ Meet contractual obligations ▫ Perform required renovations, repair, or replacement
	DESIRED PROJECTS <ul style="list-style-type: none"> ▫ Improve equipment and efficiency ▫ Enhance service ▫ Match state or federal funds
	ON-GOING PROJECTS <ul style="list-style-type: none"> ▫ Continue work in progress
	NEW SERVICE <ul style="list-style-type: none"> ▫ Expand a public facility service to a new area ▫ Provide a new public service

X. Possible Alternatives: If this program is not approved through the CIP process, we can continue to use the existing units and attempt to replace them one at a time through operating funds.

XI. Impact, If Disapproved: Although the units currently deployed are in good condition failure to replace them will result in increased maintenance costs and increased potential for failure during a patient encounter. Catastrophic failure would result in an ambulance coming out of service.



TO: Peterborough Fire
16 Summer Street
Peterborough, NH 03458

Attn: **Lt Tim Quinn**

Tel: 603-819-5275

ZOLL Medical Corporation

Worldwide HeadQuarters
269 Mill Rd
Chelmsford, Massachusetts 01824-4105
(978) 421-9655 Main
(800) 348-9011
(978) 421-0015 Customer Support
FEDERAL ID#: 04-2711626

QUOTATION 392909 V:1

DATE: August 09, 2021

TERMS: Net 30 Days

FOB: Shipping Point

FREIGHT: Prepay and Add

ITEM	MODEL NUMBER	DESCRIPTION	QTY.	UNIT PRICE	DISC PRICE	TOTAL PRICE
1	601-2231111-01	<p>X Series @Advanced Manual Monitor/Defibrillator with 4 trace tri-mode display monitor/ defibrillator/ printer, comes with Real CPR Help®, TBI Dashboard™, advisory algorithm, advanced communications package (Wi-Fi, Bluetooth cellular modem capable) USB data transfer capable and large 6.5"(16.5cm) diagonal screen, full 12 ECG lead view with both dynamic and static 12-lead mode display.</p> <p>Accessories Included:</p> <ul style="list-style-type: none">• MFC cable• MFC CPR connector• A/C power adapter/ battery charger• A/C power cord• One (1) roll printer paper• 6.6 Ah Li-ion battery• Declaration of Conformity• Operator's Manual• Quick Reference Guide <p>• One (1)-year EMS warranty</p> <p>Advanced Options: Real CPR Help Expansion Pack CPR Dashboard quantitative depth and rate in real time, release indicator, interruption timer, perfusion performance indicator (PPI)</p> <ul style="list-style-type: none">• See - Thru CPR artifact filtering	4	\$44,519.25	\$35,615.40	\$142,461.60 *

To the extent that ZOLL and Customer, or Customer's Representative have negotiated and executed overriding terms and conditions ("Overriding T's & C's"), those terms and conditions would apply to quotation. In all other cases, this quote is made subject to ZOLL's Standard Commercial Terms and Conditions ("ZOLL T's & C's") which for capital equipment, accessories and consumables can be found at <http://www.zoll.com/GTC> and for software products can be found at <http://www.zoll.com/SSPTC> and for hosted software products can be found at <http://www.zoll.com/SSHTC>. Except in the case of overriding T's and C's, any Purchase Order ("PO") issued in response to this quotation will be deemed to incorporate ZOLL T's & C's, and any other terms and conditions presented shall have no force or effect except to the extent agreed in writing by ZOLL.

Corey Frerichs
Territory Manager

1. DELIVERY WILL BE MADE 60-90 DAYS AFTER RECEIPT OF ACCEPTED PURCHASE ORDER.
2. PRICES QUOTED ARE VALID FOR 60 DAYS.
3. APPLICABLE TAX, SHIPPING & HANDLING WILL BE ADDED AT THE TIME OF INVOICING.
4. ALL PURCHASE ORDERS ARE SUBJECT TO CREDIT APPROVAL BEFORE ACCEPTABLE BY ZOLL.
5. FORWARD PURCHASE ORDER AND QUOTATION TO ZOLL CUSTOMER SUPPORT AT esales@zoll.com OR FAX TO 978-421-0015.
6. ALL DISCOUNTS OFF LIST PRICE ARE CONTINGENT UPON PAYMENT WITHIN AGREED UPON TERMS.
7. PLACE YOUR ACCESSORY ORDERS ONLINE BY VISITING www.zollwebstore.com.



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		ZOLL Noninvasive Pacing Technology: BVM: Real BVM Help: Dashboard provides real-time ventilation feedback on both volume and rate, for intubated and non-intubated patients. <ul style="list-style-type: none">• AccuVent Cable included• Order Accuvent disposable sensors separately Masimo Pulse Oximetry SP02 & SpCO <ul style="list-style-type: none">• Signal Extraction Technology (SET)• Rainbow SET (for SpCO & SpMet) NIBP Welch Allyn includes: <ul style="list-style-type: none">• Smartcuff 10 foot Dual Lumen hose• SureBP Reusable Adult Medium Cuff End Tidal Carbon Dioxide monitoring (ETCO2) Oridion Microstream Technology: Order required Microstream tubing sets separately Interpretative 12- Lead ECG: <ul style="list-style-type: none">• 12-Lead one step ECG cable- includes 4- Lead limb lead cable and removable precordial 6- Lead set				

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2	8 000 - 001392	Rainbow, RC-4, 4FT, Reusable EMS Patient Cable	4	\$252.35	\$201.88	\$807.52	*
3	8 000 - 000371	SpO2/SpCO/SpMet Rainbow DCI Adult Reusable Sensor with connector (3 ft)	4	\$870.35	\$696.28	\$2,785.12	*
4	8 000 - 0895	Cuff Kit with Welch Allyn Small Adult, Large Adult and Thigh Cuffs	4	\$157.50	\$126.00	\$504.00	*
5	8 000 - 0580 - 01	Six hour rechargeable Smart battery	4	\$519.75	\$415.80	\$1,663.20	*
6	8 000 - 000393 - 01	X Series Carry Case, Premium	4	\$715.85	\$350.00	\$1,400.00	*
7	8 000 - 001128	AccuVent Sensors (10/box)	2	\$643.75	\$515.00	\$1,030.00	*

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8	8 7 7 8 - 8 9 0 3 3 - WF	Worry-Free Service Plan, 3 Years, On-Site. Includes: Annual preventive maintenance, 27% discount on new cables, 27% discount on additional lithium SurePower Batteries, discount on parameter upgrades, Lithium-ion SurePower II Battery replacement upon failure, and accidental damage (See comments) coverage. Shipping and use of a Service Loaner during repairs, no charge shipping. Extended warranty is a continuation of the EMS One Year Product Limited Warranty. Accidental Damage Coverage: Includes one case replacement per year per device. This coverage excludes devices that are deemed beyond repair and/or catastrophic damage. Battery Replacement Program: - Batteries must be maintained per ZOLL's recommended maintenance program. - Batteries are replaced upon failure, one for one, throughout the term of the ExpertCare Service contract, should the SurePower battery or SurePower Charger display a fault. - Batteries must be evaluated and confirmed of failure through ZOLL Technical Support and/or an on-site field service technician.	4	\$5,175.00	\$4,658.00	\$18,632.00

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9	6008-9901	ZOLL EMS X Series Trade-In	3		(\$7,500.00)	(\$22,500.00) **
<p>**Trade-In Value valid if all equipment purchased is in good operational and cosmetic condition, and includes all standard accessories. Customer assumes responsibility for shipping trade-in equipment to ZOLL Chelmsford within 60 days of receipt of new equipment. Customer agrees to pay cash value for trade-in equipment not shipped to ZOLL on a timely basis.</p> <p>*Reflects Discount Pricing.</p>						

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TOTAL \$146,783.44

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