

**Upper Peninsula 9-1-1 Authority**

**Request for Proposal**

**Computer Aided Dispatch Server Replacement**

The Upper Peninsula 9-1-1 Authority (UPA) is seeking Proposals from vendors for the purchase of Server hardware and associated software licensing for our Central Square One Solution Computer Aided Dispatch System. The UPA has a primary server with a secondary back-up server. This proposal will contain a section for the hardware and a section for the software licenses, vendors may bid on one or both of these sections.

This RFP is being issued on by Marquette County Central Dispatch on behalf of the UPA

Project Representative: Gary Johnson, Manager

Marquette County Central Dispatch

180 US 41 E

Negaunee, MI 49866

906-475-1196

[gjohnson@mqtco.org](mailto:gjohnson@mqtco.org)

Instructions to bidders:

* Bids are due by 3:00 PM EST on April 23, 2019
* Proposals are to be mailed to the project representative – **emailed submissions will not be accepted.**
* Outside of envelop should be clearly marked “**UPA CAD Server Replacement Bid**”
* Vendors must include this Bid document with their proposal and each question shall be answered.
* Vendors shall provide line item pricing and a grand total.
* Grand total shall include shipping to the following location:

Empiric Solutions Inc.

932 Spring St Ste. 202

Petoskey, MI 49770

* Vendors may bid other manufactures than those listed, these must be compatible with our One Solution CAD and be equal to the items listed in the RFP.
* Bid opening will be on April 24, 2019 at 3:00 PM EST in the Central Dispatch Conference Room 180 US 41 E Negaunee, MI 49866.
* Any questions shall be submitted via email to the Representative.

Award or Rejection, Irregularities, and UPA Discretion

UPA reserves the right to:

* Accept any or reject any/all proposals received;
* Waive defects, modify irregularities, informalities, or inconsistencies in any proposal received;
* Select or negotiate with any vendor’s, proposal or any portion of a proposal that appears, in the opinion of the UPA to be most advantageous to the UPA;
* Negotiate any aspect of the proposal with any vendor and negotiate with more than one vendor at a time;
* Increase and/or decrease quantities of individual items based upon line item pricing;
* Terminate negotiations and select the next most responsive vendor, prepare and release a new Request for Proposals, or take such other action as the UPA deems appropriate.

**Hardware Specifications**

Option Description

Base Dell PowerEdge R7-40XD Server Quantity 2

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

**The following are the specifications for each sever**

Trusted Platform Trusted Platform Module 2.0

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Chassis Chassis with up to 24 x 2.5” hard drives for 2 CPU

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Processor Intel® Xeon® silver 4110 .1 G, 8C/16T, 9.6GT/s

11M cache, Turbo, HT (85W) CCR4-2400

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Additional Processor Intel® Xeon® silver 4110 .1 G, 8C/16T, 9.6GT/s

11M cache, Turbo, HT (85W) CCR4-2400

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Processor Thermal 2 Standard Heatsink for 125W or less CPUs

Configuration

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Memory 32GB RDIMM, 2666MT/s Dual Rank Quantity 8 per server

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

RAID C7, Unconfigured RAID for HDDs or SSDs (mixed drive types allowed)

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

RAID/Internal Storage PERC H740P RAID Controller, 8GB NV Cache, Adapter, Low Profile

Controllers

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Hard Drive 2TB 7.2K RPM NLSAS 12Gbps 512n 2.5in Hot-plug Quantity 8 each server

Hard Drive

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Operating System No Operating System

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

OS Media Kits No Media Required

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Embedded Systems IDAC9, Enterprise

Management

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Group Manager IDRAC Group Manager, Disabled

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Password IDRAC, Legacy Password

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

PCIe Riser Riser Config 1, 4 x 8 slots

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Network Daughter Card Broadcom 5720 QP 16b Network Daughter Card

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Additional Network Broadcom 5719 QP 1Gb Interface Card

Cards

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

IDSDM and VFlash IDSDM and Combo Card Reader

Card Reader

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Internal SD module 2x 32GB microSDHC/SDXC Card

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Fans 6 Standard Fans for R740/740XD

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Power Supply Dual, Hot Plug, Redundant Power Supply (1+1, 495W

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Power Cords NEMA 6=5-15P to C13 Wall Plug, 125 Volt

15 AMP 10 Feet, Power Cord North America Quantity 2 each server

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Bezel PowerEdge 2U Standard Bezel

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Quick Sync 2 No Quick Sync

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

BIOS and Advanced Performance BIOS Setting

System Configuration

Settings

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Advanced System UEFI BIOS Boot Mode with GPT Partition

Configurations

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Rack Rails ReadyRails™ Sliding Rails with Cable Management arms

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Warranty 3 Years

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

**Additional Hardware**

Cisco Catalyst 2960XR-48TS-l Quantity 4

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

Cisco 2960XR Redundant Power Supplies ((PWR\_C2\_250WAC) Quantity 4

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

**Percentage of Recycled Materials:** Provide the percentage of recycled materials used in the construction of hardware \_\_\_\_\_\_\_\_\_\_\_.

**Comply\_\_\_ Does Not Comply\_\_\_ Complies with explanation\_\_\_**

**Software Licensing**

**Description Quantity**

VMware VSphere 6Essentials Plus with 3 years support 1

VEEM Essentials Enterprise 2CPU, bundled for VMware 2

Windows Server 2019 Standard License (2 Core Packs) 64

Windows Server device CALs 100

Windows 10 Box Copy 5

Windows 10 Enterprise Upgrade 5

Microsoft SQL Server Enterprise Core Edition – 2 Core Licenses w/software assurance 4

Microsoft SQL Server Enterprise Core Edition – HA Active 4