



CITY OF TORRINGTON

Addendum # 1

THE CITY OF TORRINGTON HAS ISSUED ADDENDUM 1 REGARDING QUESTIONS/ ANSWERS PERTAINING TO VIRTUALIZATION INFRASTRUCTURE PROJECT PER SPECIFICATIONS.

RFP# VPD-023-010418 VIRTUALIZATION INFRASTRUCTURE PROJECT

Date of bid opening: January 4, 2018 **Time:** 11:00 AM **Location:** City Hall, 140 Main St., Room 206, Torrington, CT

Submit signed addenda with bid.

The City of Torrington reserves the right to accept or reject any or all bids or any portion thereof, to waive technicalities, and to award the contract as will best serve the public interest.

Dated in Torrington: 12/21/17

Purchasing Agent _____
Pennie Zucco

Bid Submitted By: _____

Signature

Name of Company _____

Title

Address: _____

Phone/Fax

Date

QUESTIONS/ANSWERS 12/21/17

Q-1) Do you have sufficient space in their data racks for the hosts and storage?

A-1) **No, an open 25U rack will be provided for staging new equipment.**

Q-2) Do you have sufficient primary and backup power for the hosts and storage?

A-2) **Yes**

Q-3) Do you have adequate power cleaning/surge protection for the new hosts and storage?

A-3) **Yes**

Q-4) For the core switch, they are requesting 2 new modules to be added to the HP Procurve chassis but have only one slot open. To add two new modules, one module that is in the core will have to be removed. Do they already know which module will be removed to make room for one of the new modules? Who will perform the migration of the network connections from the module to be removed?

A-4) **City of Torrington will determine/configure module consolidation to ensure (2) two slots are available for new modules.**

Q-5) Will they use VLANS to segregate VMware/SAN traffic once the new hosts and storage are installed? Who will reconfigure the switch for the new VLANS? Do VLANS exist for the current VMware environment? When the current environment is taken down, do those VLANS need to be removed?

A-5) **VLANS are in place and are used to segregate VMware/SAN traffic. Vendor will configure switch to accommodate connectivity for infrastructure. VLAN infrastructure will remain after migration.**

Q-6) Is there a required amount of time for training city personnel?

A-6) Nothing specific, expect training to be within generally accepted time frame for software/hardware provided.

Q-7) Who will dispose and decommission old equipment? Is the vendor responsible for that? Also – who will unrack old equipment?

A-7) The City will unrack, decommission and dispose of the old equipment

Q-8) Do they have active support and maintenance agreements for all current systems including network, server and storage equipment?

A-8) Maintenance agreements are expired/expiring on existing hardware. HP Procurve Networking has a lifetime warranty.

Q-9) Can you help me verify that the performance bond is only required if awarded the bid and if so whether the 10 days are business days or calendar days that the bond would have to be submitted after award

A-9) A 5% Bid Bond will be required with all submitted proposals. The Performance bond will be required of the awarded contractor. 10 calendar days.

Q-10) Also are you requiring that all companies that respond to the bid are VMware certified , HPE server certified as well as Nimble certified ?

A-10) Not required, but preferred and will factor into evaluation of RFP

Q-11) Is there a requirement for all responding to this RFP to be on a CT state contract?

A-11) No

Q-12) Is the Upgradation being made in the same Datacenter where current setup of VMware 5 is installed?

A-12) Yes

Q-13) If not, what is connectivity between New setup site & Old setup site?

A-13) N/A

Q-14) What is current Hypervisor (ESXi) Version?

A-14) VMware ESXi, 5.5.0 268190 HP OEM version

Q-15) Is there any Service Pack / Patch Installed?

A-15) No, HP 5.5 Update 2

Q-16) What is vCenter Version and patch level?

A-16) 5.5.0 Build 1945274

Q-17) Is the vCenter on Virtual Machine or Physical machine?

A-17) Virtual Machine

Q-18) If Physical machine, will that machine be upgraded too or same will be used for new implementation?

A-18) N/A

Q-19) Is any SSL deployed on current virtual infrastructure?

A-19) No

Q-20) Is vCenter integrated with Active Directory?

A-20) Yes

Q-21) Does vCenter have separate Active Directory setup or does it use central Active Directory?

A-21) Central Active Directory

Q-22) Since venter 5 is not supported as Upgradable to 6.5 will that too be upgraded to minimum V5.1 Update 3 or direct VM guest migration to new setup will be there?

A-22) N/A

Q-23) Is vSphere Update Manager installed? Which version?

A-23) No

Q-24) Is Site Recovery manager (SRM) installed? Which version?

A-24) No

Q-25) How many total VM Guests are hosted on current setup?

A-25) 22

Q-26) What version of Veeam is being used?

A-26) 9.5.0.711

Q-27) Is Veeam also being upgraded?

A-27) No

Q-28) What is the Veeam Backup location?

A-28) HP StoreEasy 1430, Windows 2012 Storage Server

Q-29) What is current backup plan?

A-29) Daily Backup, Critical VMs

Q-30) Who will be consolidating current HP Procurve 5406zl (J8697A) modular switch?

A-30) City IT

Q-31) What RAID level is expected on new SAN?

A-31) Best Practice – See Nimble VMware Integration Guide

Q-32) How many and what size of Lun's in new SAN are required?

A-32) Best Practice – See Nimble VMware Integration Guide

Q-33) Is there space available in current Datacenter Racks for new Servers & SAN?

A-33) Yes, A temp rack will be provided for staging

Q-34) Is the assembly of new servers to be done at Torrington Police Department Datacenter?

A-34) Awarded contractor will be required to build on site

Q-35) Will the Media of new ESXi OS which is to be installed will be provided by Torrington Police Department Systems Admin?

A-35) Yes, HP OEM vSphere OS requested, not be upgraded during this migration

Q-36) Any resource pools configured?

A-36) No

Q-37) Any resource pools required in new setup?

A-37) No

Q-38) Will we, the vendor get full Admin. access to both current & new Setup?

A-38) The awarded contractor will be allowed full Admin. access with the New Setup: Current Setup: Vendor will not be required to administer/configure current setup.

Q-39) Will we, the vendor get full Remote access to both current & new Setup?

A-39) The awarded contractor will be allowed full Remote access with the New Setup: Current Setup: Vendor will not be required to administer/configure current setup.

Q-40) Is any server naming convention to be followed?

A-40) TPDESX###

Q-41) Will we be communicated all the required IP addresses & Network layout?

A-41) The awarded contractor will be given the required information

Q-42) Will the systems admin team at Torrington Police Department require any training on new setup?

A-42) Yes

Q-43) if yes, how many?

A-43) 4

Q-44) Are there any custom alarm configured?

A-44) No

Q-45) Are there any custom notification configured?

A-45) No

Q-46) Are there any custom plugins installed?

A-46) No

Q-47) Are there any Host configurations templates configured?

A-47) No

Q-48) Is there any future load or number of new virtual guest calculated?

A-48) Not at this time – Project goal is to support existing workload & provide resources for future growth.

Q-49) What is current CPU load?

A-49) N/A

Q-50) What is current Ram & VRAM load?

A-50) N/A

Q-51) What is current Network load?

A-51) N/A

Q-52) Are there any automation scripts to automate any tasks?

A-52) No

Q-53) Is there any power management policy configured on Cluster?

A-53) No

Q-54) Are all virtual guests compatible with Vmware 6.5?

A-54) N/A

Q-55) Who will be upgrading Vmware tools on guests?

A-55) N/A

Q-56) Are there any non-standers customizations made to current setup?

A-56) No

Q-57) Any other considerations?

A-57) No

Q-58) Anything else to be disclosed?

A-58) No

Q-59) Is there any specific expectations or requirements for the new setup?

A-59) Yes, awarded vendor will work with City's application vendor regarding setup.

Q-60) Will we be provided with single point of contact?

A-60) The awarded contractor will be provided the single point of contact

Q-61) How many hard drives will be there inside each host server?

A-61) 0 - SD Card for OS boot (See RFP Spec)

Q-63) Will there be any hard drive inside the host servers?

A-63) 0 - SD Card for OS boot (See RFP Spec)

Q-64) If yes, what will be the size of hard drives?

A-64) N/A

Q-65) What RAID level is expected for the host server hard drives?

A-65) N/A - No local HDDs

Q-66) Can vendor assemble the servers and install VMware at their location?

A-66) No - Awarded contractor will be required to build on site

Q-67) If Yes, then can vendor fully configure servers and SAN at his location?

A-67) No - Awarded contractor will be required to build on site

Q-68) Are power plugs available to connect to all new host servers and SAN?

A-68) yes

Q-69) Please confirm the correct Part Number for the SAN Storage Array. Part # C1K-2T-21T-D?

A-69) C1K-2T-21T-D - Part # originally provided for RFP was incorrect