

Greenburgh Housing Authority wants to implement an upgrade to its existing network. The components and labor when configured with the appropriate software will provide for new server, email, wireless, BDR and firewall in addition to the server environment and network infrastructure. Additional PC and labor is also required. Detailed proposals can be downloaded from Greenburgh Housing Authority website, [www.Greenburghhousing.org](http://www.Greenburghhousing.org). Proposals must be received at the Greenburgh Housing Authority office, Attention Ms. Blanch, 9 Maple Street, White Plains NY 10603 no later than 3PM Friday, August 4, 2017.

## Proposal for network Upgrade Project. Greenburgh Housing Authority – July, 2017

### **Description**

The equipment, software, licensing and Labor description listed below represent the specifications needed to implement network upgrade at Greenburgh Housing Authority. The components and labor when configured with the appropriate software will provide for new server, email, wireless, BDR and firewall. In addition to the server environment and network infrastructure, additional PCs and labor are also required.

Office 365 email migration

BDR configuration and implementation

### **Hardware**

#### Server

Dell T330 w/5 year warranty

#### Workstations

(7) Dell OptiPlex Small Form Factor

Intel® Core™ i5, Win10 Pro, Office H&B 2016, 8GB RAM, 256GB SSD, Adobe Std. Professional 22" monitor and speakers, 3 yr. warranty

#### Workstations UPS's

10x

#### Wireless

Aruba access point with support

#### Firewall

SONICWALL, Rack

#### Software and licensing

<u>QTY</u>	<u>Description</u>
8	Microsoft Windows Server STDCORE 2016
10	Windows Server 2016 User CAL
1	VMware VMware vSphere v.6.0 Essentials Bundle
1	VMware vSphere Essentials Kit 6.0 - Subscription - 3 year

## Project Description

### VMware Host Server

Supply and install one new Dell PowerEdge server and will configure with VMware. All latest updates will be installed.

### New File Server

Configure a new Windows 2016 Server as a guest server within VMware. The server will have SMC monitoring agent and antivirus application installed. This server will become the new server for Directory Services, DHCP, and DNS.

Data shares and network printers will be transferred to the new server using existing security permissions. Login scripts will be modified to redirect drive mappings on the workstations to the new server.

Work with application vendors to move vendor specific applications.

### Wireless

Configure and mount supplied Aruba access point and setup for guest and network zones. Test wireless and network connectivity.

### Workstations

Configure and install 7 new office workstations. New workstations will be configured in the office and will replace existing equipment.

The following will be performed for each workstation:

- Configure workstations for the network/Windows domain.
- Install latest Windows service packs and updates.
- Backup existing user profile settings on the existing workstation (including but not limited to: My Documents, Internet Explorer favorites, Outlook cache file, archive PST files, desktop settings, pictures, music files).
- Apply user profile settings to new workstation.
- Configure My Documents redirection to the server.
- Install needed applications (client to provide licensing and media).
- Configure for remote access (if applicable).
- End user to test functionality of new workstation.

### SonicWALL

- Register and activate new firewall and subscription services.
- Update the SonicWALL with the latest operating firmware.
- Document existing SonicWALL settings.
- Program new SonicWALL with up to two Internet connections using existing policies and access rules (where appropriate).
- Configure the firewall for load balancing/failover of the two Internet connections.
- Enable probing of the two Internet connections and test failover.
- Configure an existing Windows server as a local domain CA (Certificate Authority) to enable SSO (single sign-on).
- Enable content filtering service, configure for basic category filtering and apply global filtering policy.
- Enable IPS (Intrusion Prevention System), gateway antivirus, and gateway antispam services using basic configuration.
- Backup/export final settings file for the SonicWALL

Also required:

\*\*\*\* Office 365 email Implementation\*\*\*\*

\*\*\*\* BDR Installation and Implementation\*\*\*\*

Provide full network documentation and diagrams

Vendor must be certified for the following:

- Microsoft
- VMware
- SonicWall
- Hewlett Packard
- Dell
- Microsoft Office 365

Vendor must familiar with:

Lindsey Software  
BDR implementation