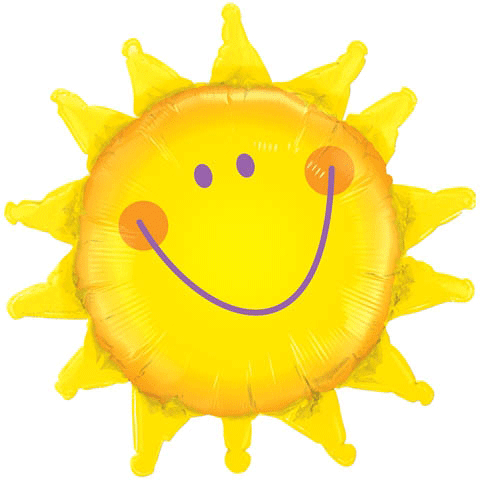
**Happy Haven Day Care**

**Network Proposal**



Consultant: Christian Hill

**Macro Computer Consultants**

**Overview**

* Cable
  + 1000FT Cat5e Bulk Bare Cable Copper Ethernet Cable, UTP, Solid, Riser Rated (CMR), 350MHz, 24AWG - Blue – GENERIC
    - $79.99
  + Bulk Cat5e 1000ft Plenum UTP Ethernet Cable – Blue
    - $115.99
* Wireless Access Points
  + Cisco WAP 131 Wireless-N Dual Radio Access Point
    - offers concurrent dual-band radios for improved coverage and user capacity
    - The Gigabit Ethernet port allows the AP to be powered by PoE switch to help reduce cabling and wiring costs.
    - Works right out of the box
    - $154.99 each or $1,394.91 for 9 access points
* Routers
  + Linksys LRT214 Business Gig VPN Router
    - Open VPN Server Support
    - Integrated Firewall
    - 802.1q Support
    - Intuitive Web Administrative Interface
    - $199.99 each or $599.97 for three
* Switch
  + Cisco Small Business 200 series SLM2048T-NA
    - 48 ports
    - Supports up 1000MBPs
    - $428.98
* Server
  + HPE ProLiant ML350 Gen9 Server E5-2609v4
    - Automates the most essential server lifecycle management tasks: deploy, update, monitor, and maintain with ease
    - $1,879.99
* Monitors
  + HP 2V2311 23” widescreen LED LCD Monitor
    - VGA
    - Stand included
    - $64.99 each or $1,949.70 for 30 stations
  + Generic VGA Cable
    - $2.49 each or $74.70 for 30 stations

**Class Rooms**

* Workstations
  + HP ProDesk 400 G3 Small Form Factor Desktop PC
    - Windows 10 pro 64
    - 4GB RAM
    - 500GB Hard Drive
    - Keyboard
    - Mouse
    - Warranty
    - $451.94 each or $2,711.64 for 6 workstations

**Computer Lab**

* Work Stations
  + HP ProDesk 400 G3 Small Form Factor Desktop PC
    - Windows 10 pro 64
    - 4GB RAM
    - 500GB Hard Drive
    - DVD ROM
    - Keyboard
    - Mouse
    - $581.15 each or $11,623.00 for 20 stations
* Printer
  + HP LaserJet Pro M501dn Monochrome Laser Printer
    - $399.99

**Administration Offices**

* Desktop
  + HP ProDesk 400 G3 Small Form Factor Desktop PC
    - Windows 10 pro 64
    - intel® Core™ i3-6300
    - 4GB RAM
    - 1TB Hard Drive
    - DVD drive
    - Keyboard
    - Mouse
    - $625.40
* Laptop
  + HP Notebook 15 Intel Core i5 Dual-Core 15.6" Laptop
    - business class laptop
    - i5 processor
    - 128GB Hard drive
    - $459.99
* Printer
  + HP LaserJet Pro MFP M521dn
    - Print, copy, scan, and fax
    - $699.99

**Software**

* Office 2016
  + $189 for windows
* Security
  + Pro-Vigil
    - They install all the equipment for you
    - Integrate with your current network
    - $934.99

**Total:**

* Cable: $195.98
* Wireless Access Points: $1,394.91
* Routers: $599.97
* Switch: $428.98
* Server: $1,879.99
* Monitors: $2,024.40
* Workstations: $14,786.58
* Printers: $1,799.97
* Admin Desktop: $625.40
* Admin Laptop: $495.99
* Office 2016: $189.00
* Pro-Vigil: $934.99
* Procare Software: $1,090.00
* QuickBooks/Desktop Pro 2017: $299.99

**About $26,750.00**

**Legend**

