

Dear Rev. Scott and Laura,

I present to you the WiFi Upgrade Project for your consideration.

Since returning to the building after the early stages of the pandemic, access to the internet has declined somewhat rapidly, both by LAN (ethernet cable) and by WiFi on both the public and private (staff) networks. We upgraded to a faster internet plan which dramatically helped internet access by LAN so that we could provide quality Zoom offerings.

However, WiFi performance continued to degrade. After detailed inspections by several vendors, Parker determined and I concur that the problem lies with the internal network that sends WiFi signal throughout the building. In fact, the now outdated WiFi system is throttling internet service, decreasing the speed by 90% between LAN and WiFi. In November 2022, Parker met with a few vendors and found that fixing this internal WiFi system would cost about \$4,000. Having no budget for AV/IT improvements in the 22-23 fiscal year, we put the project on hold until the next budget cycle.

Sometime in December, there was a complete failure of the existing WiFi booster that provides service to the main office and conference room. This cripples many vital meetings which require internet access by multiple people. The conference room especially is not wired to host many laptops for LAN access and, further, modern computers don't have ethernet ports which causes a challenge in finding and utilizing adapters. Additionally, more and more event rentals require WiFi access for scores and even hundreds of guests. We run the risk of becoming obsolete and unable to host fundraising events for nonprofits at our space.

It is my recommendation that the Board immediately approve funds for the WiFi Upgrade Project to improve function for both internal and external events. I have attached the roughly \$4,000 estimate from Farquhar Tech for formal authorization from the Board at your February meeting.

Please reach out for clarification and details as needed. Thank you in advance for your consideration.

*Leora Mauck, Fellowship Administrator*

**UNITARIAN UNIVERSALIST FELLOWSHIP OF CENTRAL OREGON**

Estimate

ADDRESS

Parker Doelling

UUFCO

61980 Skyline Ranch Rd Bend, OR 97703

SHIP TO

Parker Doelling

UUFCO

61980 Skyline Ranch Rd Bend, OR 97703

ESTIMATE # 1254 DATE 11/22/2022

RATE

699.00

279.00 125.00

150.00

ACTIVITY QTY

AMOUNT

699.00

1,674.00 125.00

1,500.00

UniFi Dream Machine SE

8-port Gigabit Switch with POE, 1 Gbps RJ45 and 10G SFP+ LAN. UniFi Controller pre-installed. Rackmount.

AP UniFi 6 Pro

Unifi access point. Wifi 6, 4X4 Mu-MiMo, Dual-band.

Network Install Pack - Medium

Cabling, cable ends, and other network components for rack or panel install

Onsite Service - Commercial

Remove hardware and verify current wiring. Mount access points. Install network hardware in rack. Patch and power hardware. Configure UniFi controller. Rebuild local network configuration. Create WiFi and configure SSID. Upgrade all hardware. Test coverage and verify speed.