BATTLEFIELD CHRISTIAN CHURCH

Equipment proposal
Prepared by Micheal Byrd
October 20, 2026

WiFi Network

A UniFi WiFi system for the whole building (about 9,000 sq ft), managed from one phone app, plus the network cable for it. This is the recommended setup; other options are priced at the end.

Total for this proposal (before tax) **$826.94**

Where to buy: three orders + one pickup

The Amazon button only buys the connectors. The UniFi switch and ceiling pucks are not on Amazon: buy them at Ubiquiti's store (store.ui.com), one item at a time, using the links below. The gateway is sold out there, so it comes from B&H Photo. The Cat6 cable is being picked up at Lowe's by Micheal.

Order 1: Amazon (connectors only, $12.95)

Add all Amazon items to cart →

Order 2: UniFi store, store.ui.com ($546.00). Open each link, set the quantity, add to cart, then check out:

- **1 × UniFi Switch Lite 8 PoE** ($120.00): **store.ui.com/us/en/products/usw-lite-8-poe**
- **1 × UniFi U7 Pro (auditorium)** ($208.00): **store.ui.com/us/en/products/u7-pro**
- **2 × UniFi U7 Lite (lobby/office and classroom wing)** ($218.00): **store.ui.com/us/en/products/u7-lite**

Order 3: B&H Photo ($142.00 est.): 1 × UniFi Cloud Gateway Ultra (UCG-Ultra): **bhphotovideo.com, item 1815010**

Pickup: Lowe's, Corinth (Micheal) ($125.99): Micro Connectors Cat6 outdoor, 500 ft, white. Search Lowe's for "Micro Connectors 500 ft Cat 6 Outdoor White" (item 5000887101): **lowes.com item 5000887101**

How it works: the fiber internet comes into the small office in the back wing, where the gateway (the router) and an 8-port PoE switch sit. Network cables run from there inside the soffit (the same path as the video coax) to 3 ceiling pucks (auditorium, lobby/office, classroom wing); the switch powers the pucks through those cables. One more cable runs with the video coax to the stage for the sound mixer. Three networks: Staff, Guest (password on the screens, speed-limited, content filter) and AV (booth computer, iPad mixer, streaming).

Shopping list

Qty	Item	Each	Total	Buy
Network gear (UniFi): gateway from B&H (order 3), switch from store.ui.com (order 2); not on Amazon				
1	**UniFi Cloud Gateway Ultra (UCG-Ultra)** The router and WiFi controller, in the back-wing office by the fiber box. Sold out at the UniFi store 10/28 (Amazon has only third-party/renewed offers), so buy it from B&H Photo, an authorized dealer. Estimated price; confirm at checkout.	$142.00	$142.00	**Buy at B&H →** not in the Amazon cart
1	**UniFi Switch Lite 8 PoE** 8 ports; powers the WiFi pucks over their network cables (52 W).	$120.00	$120.00	**Buy at UI Store →** not in the Amazon cart
WiFi access points (ceiling pucks): order 2, buy at store.ui.com, not on Amazon				
1	**UniFi U7 Pro (auditorium)** Wi-Fi 7 with 6 GHz, for the Sunday crowd plus the iPad sound mixer and wireless snake.	$208.00	$208.00	**Buy at UI Store →** not in the Amazon cart
2	**UniFi U7 Lite (lobby/office and classroom wing)** Wi-Fi 7, 13 W each. Total power with the U7 Pro: 47 W, under the switch's 52 W.	$109.00	$218.00	**Buy at UI Store →** not in the Amazon cart
Network cable and connectors: order 1, Amazon cart button				
1	**Micro Connectors Cat6 outdoor, 500 ft, white, 23 AWG solid bare copper, shielded (Lowe's item 5000887101)** Runs from the back-wing network room inside the soffit to the pucks, the booth and the stage (one run goes with the video coax). Micheal is picking this up at Lowe's in Corinth; NOT in the Amazon cart. Search Lowe's for: Micro Connectors 500 ft Cat 6 Outdoor White. Shielded: trim the foil back before crimping.	$125.99	$125.99	**Buy at Lowe's →** not in the Amazon cart
1	**PETECHTOOL Cat6/Cat6A pass-through RJ45 connectors for 23 AWG, 50-pack** Two per cable run plus spares. Sized for the 23 AWG Cat6 wire (24 AWG connectors won't fit). Replaces the Klein 50-pack, out of stock 10/28. Pass-through style for the crimper.	$12.95	$12.95	**Add 1 to cart** View
	Total		**$826.94**	

Prices were checked Oct 16-20, 2026 and can change; confirm the price and that it says "In Stock" in the cart. Tax and shipping not included (most items ship free with Prime).

Already covered (no cost to the church)

- **Tools:** Micheal has the crimper and is buying a cable tester himself.
- **Labor:** volunteers. Micheal is running and terminating the cables and setting up the network; Rayburn is drilling the wall holes.

Not included

- Internet service: fiber into the back-wing office (provider to confirm).
- Optional: a small battery backup (UPS, about $60-90) for the gateway and switch.
- The video coax, converters and HDMI (separate Screens and Video proposal).

Options (add any of these)

Option	Cost	What it changes
4th ceiling puck (U7 Lite)	+$109	If a walk test finds a dead spot. With the U7 Pro it goes over the switch's power, so add a $15 UniFi PoE+ adapter.
Outdoor WiFi (U7 Outdoor at the entrance)	+$219	Covers about 5,000 sq ft outside (parking lot, front door). Needs a $15 PoE+ adapter on this switch.
Security cameras later (Dream Machine SE instead of the gateway + switch)	+$287	Router + 8 PoE ports (180 W) + camera recorder in one box. Cameras are $151 each plus a drive (about $200).
Lobby and door speakers	about $450 wired / $1,436 Sonos	Wired is most reliable for service audio; Sonos adds phone control and background music.

Install notes

- Mount the pucks on the ceiling in the middle of each area, not in closets or above metal. Walk-test with a phone after setup.
- Run the stage Cat6 with the coax and have both ready before the soffit crew starts.
- Use the tester on every cable before it's closed into a wall, ceiling or soffit. Label both ends.
- Prices: UniFi from store.ui.com (Oct 17, 2026, including Ubiquiti's memory surcharge). Amazon prices from the cart on Oct 21, 2026; they can change.

As an Amazon Associate, Micheal earns from qualifying purchases made through the Amazon links in this proposal, at no extra cost to the church.