1. JOINT SOLUTION BILL OF MATERIALS (BOM)

ITEM	COMPONENT NAME	MANUFACTURER & SKU	QTY	SYSTEM ROLE & TENDER MAPPING
1.1	**ExecutiveBoard 86 Display**	Touch Pro+ (TP-EB86-OPS)	1	Primary 86" 4K Interactive Flat Panel, Dual OS host compute (Intel i5 OPS), 2.1-channel sound with dedicated subwoofer.
1.2	**Dual-Eye 4K PTZ Camera**	Yealink (UVC86)	1	4K optical camera with 12x optical / 18x HD zoom, AI Auto-Framing, Speaker & Presenter tracking.
1.3	**AV & DSP Processor**	Yealink (AVHub)	1	Hardware Audio/Video processor, Acoustic Echo Cancellation (AEC), 7× PoE VCH ports, single USB 3.0 host link.
1.4	**Daisy-Chained Tabletop Mics**	Yealink (VCM35 Pro)	3	Tabletop mic pods (6+1 omnidirectional array per pod, total 21 mic elements) with true Ethernet daisy-chaining.

2. JOINT TECHNICAL SPECIFICATIONS

A. Interactive Display & Host Compute — Touch Pro+ ExecutiveBoard 86	
Display Panel & Optics	86-inch Direct-Lit LED; 4K UHD resolution (3840 × 2160 @ 60Hz); anti-glare, anti-fingerprint 4mm tempered safety glass (Mohs level 7 rating); 178°/178° viewing angle; 400 cd/m² brightness.
Touch System	High-precision Infrared (IR) touch framework; 40 touch points under Windows / 20 points under Android; <5ms response time; dual passive stylus support with height/color differentiation.
OPS Slot-In PC	Intel® Core™ i5 High-Performance Processor; 16GB DDR4 RAM; 512GB NVMe M.2 SSD storage; pre-installed Windows 11 Pro 64-bit; Wi-Fi 6 (802.11ax), Bluetooth 5.2, Gigabit Ethernet LAN.
Integrated 2.1 Sound	Built-in 2.1-channel acoustic architecture: 2× 15W high-frequency stereo speakers paired with a dedicated **20W onboard active subwoofer** for executive boardroom acoustics.
AV Routing State	Panel's onboard camera and array microphones are set to disabled state in Windows Device Manager to ensure exclusive operation of the Yealink AVHub hardware processing engine.

B. Intelligent Video & Audio Subsystem — Yealink UVC86 / AVHub / VCM35 Pro	
Yealink UVC86 Camera	Dual-eye 4K camera system; 18x HD Zoom (12x optical, 1.5x digital); Panoramic lens (120° DFOV) + PTZ optical lens (90° DFOV, ±100° pan, +40°/-90° tilt); AI Auto-Framing, Speaker Tracking, Presenter Tracking; mechanical privacy shutter.
Yealink AVHub DSP	Central hardware DSP supporting hardware Acoustic Echo Cancellation (AEC), Auto Gain Control (AGC), and Yealink Noise Proofing; 7× VCH (RJ-45 PoE) ports, 1× USB 3.0 Type-B host bridge, analog 6.3mm & RCA line I/O.
Yealink VCM35 Pro Mics	3× wired tabletop pods; 6+1 omnidirectional microphone array per unit (**21 active microphone elements total**); 3m (10ft) optimal 360° pickup radius per pod; dual VCH Ethernet ports per pod supporting linear daisy-chain topology.

3. SYSTEM INTERCONNECT TOPOLOGY

× Yealink

Model / System SKU:
Tender Ref:
Doc ID:

Touch Pro+ ExecutiveBoard 86 (Yealink AI Enterprise Edition)

Co-Branded 86" 4K Interactive Flat Panel & Yealink AI Video/Audio Subsystem (20+ Seat Boardroom)

STRATEGIC TECHNOLOGY ALLIANCE

Product & Solution Overview: The **Touch Pro+ ExecutiveBoard 86 (Yealink AI Enterprise Edition)** (Model: TP-EB86-YLK-PRO) is a joint enterprise-grade boardroom collaboration system co-developed by Touch Pro+ Displays and Yealink Network Technology. This solution unifies the **Touch Pro+ ExecutiveBoard 86** 4K interactive display with the **Yealink UVC86 / AVHub / VCM35 Pro** audio-video processor subsystem—delivering native single-USB host connectivity, AI dual-eye optical tracking, daisy-chained tabletop microphones, and integrated 2.1-channel subwoofer audio output.

SINGLE-USB BRIDGE
AVHub routes all cameras and 21 mic elements into a single USB 3.0 stream for the Core i5 OPS PC.

DUAL-EYE 4K TRACKING
UVC86 combines 12x optical zoom with panoramic AI tracking for crisp 20+ participant coverage.

21-MIC TABLE ARRAY
3× VCM35 Pro pods daisy-chain over Cat6 PoE to deliver 360° pickup across long boardroom tables.

2.1 SUBWOOFER AUDIO
Full-range far-end voice and video presentation audio delivered via ExecutiveBoard's 2.1 acoustic system.