

# Late Addition #1

## EXECUTIVE DOCUMENT SUMMARY

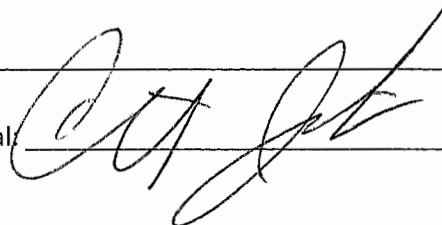
Department: Board of Commissioners Contact Person: _____ Telephone No.: _____	<b>Submittal Dates</b> <input type="checkbox"/> Regular Session 08/18/2020
<b>Source Selection Method</b> <input checked="" type="checkbox"/> Quotation <input type="checkbox"/> Other: _____ <i>Account Number</i> <i>(Funds to come from):</i> _____	VENDOR: _____ Address/ Phone: _____

Budgeted Amount: _____ \$ 0.00	Contracted Amount: _____ \$ 9,000.00
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<b>Document Description</b>	
<input type="checkbox"/> Select One	<input checked="" type="checkbox"/> Other <u>Capital Outlay/Purchase</u>

<input type="checkbox"/> Request to Waive Board Policy on Bid Requirements
<p>During the Board's Executive Board session on May 12, 2020, the low quote on a fixed Polycom system was presented for review and potential approval. Quotes received ranged from the recommended quote from DWAY, Inc., in the amount of \$6,885.00, to the high quote of \$9,259.00 (see attached).</p> <p>As a follow up to today's Budget Work Session and the fact that the current Polycom system is court-owned which has caused scheduling conflicts, this late addition was discussed and proposed for action at today's Regular Session. I am proposing the Board approve an up-to amount and contact the previous bidders to determine if they will honor their respective quotes from three months ago.</p>
<p><b>Suggested Recommendation:</b> I move to allow the Administrator to approve the purchase of a Polycom system in an amount not to exceed \$9,500.00, with funds to come from BOC Capital Outlay, 101.100.101.970.000.</p>

Department Head Approval: \_\_\_\_\_



Date: 08/18/2020

## Leelanau County RFQ-2020-01 - Polycom Video Solution (Closed)

Notes

Actions

- [Preview](#)
- [Addendum](#)
- [Bid Results](#)**
- [Award](#)
- [Q & A](#)
- [Audit](#)

[Expand All](#) [Collapse All](#)

Organization Name	Org. Number	Submission Type	Bid Amount	Exceptions	Bid Rank
<a href="#">Audio Visual Innovations, Inc.</a>	556757	Electronic	\$8,180.00	No	3
<a href="#">AVI Systems Inc</a>	1508186	Electronic	\$9,011.00	No	8
<a href="#">D-WAY INC</a>	706730	Electronic	\$6,885.00	No	1
<a href="#">Headsetters</a>	1496347	Electronic	\$8,019.00	No	2
<a href="#">Holzberg Communications, Inc.</a>	556366	Electronic	\$9,259.00	No	9
<a href="#">MVATION WORLDWIDE INC.</a>	872175	Electronic	\$8,445.29	No	4
<a href="#">Ocean Inc</a>	937962	Electronic	\$6,978.84	Yes	N/A
<a href="#">ProVideo Systems, Inc.</a>	556661	Electronic	\$8,895.00	No	6
<a href="#">SYNERGY TELCOM INC.</a>	92708	Electronic	\$8,800.12	No	5
<a href="#">TeL Systems (Thalner Electronic Labs Inc.)</a>	556808	Electronic	\$8,972.00	No	7

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### Bids submitted directly -

CDWG.....\$8,415.01  
 SHI.....\$7,090.00

DATA SHEET

# Polycom® RealPresence® Group 500

Powerful video collaboration for group conferences in a sleek design that is simple to use



The Polycom® RealPresence® Group 500 solution is ideal for conference rooms and other collaborative environments, from small meeting rooms to larger rooms with dual screens. Powerful video and audio performance and interactive content collaboration bring users closer together and drive meaningful conversation for geographically dispersed teams. The compact, sleek design is easily hidden out of sight, keeping your rooms clutter-free.

RealPresence Group Series is the only standards-based group video conferencing system that is certified with Skype for Business and Office 365, making it easy to connect without changing the way you work. The Skype interface is instantly familiar for an intuitive experience that needs no training. And because RealPresence Group is also standards-based, it's easy to connect with customers, partners, and others outside your organization.

Content can be sent and received in up to 1080p60 quality, and it's easy to share using the HDMI or VGA connections or wirelessly from your laptop or mobile device. For advanced content collaboration, connect to Polycom® Pano™ for easy wireless sharing from up to 4 users at the same time plus annotation and whiteboarding when using a touch display.

Conference rooms come in all shapes and sizes, but it is important to deliver a great experience for all participants, no matter the size of the room. The Polycom RealPresence Group 500 solution offers flexible options that ensure that all participants can see and be seen, no matter where they are sitting.

- Polycom® EagleEye™ Producer uses innovative facial-tracking algorithms to accurately frame all room participants, or focus on the person speaking—whichever you prefer, eliminating the “bowling alley” view that is all too common in video calls
- For a more immersive feel, Polycom® EagleEye™ Director II offers the highest performance speaker tracking experience, transmitting facial expressions and body language for higher impact and more productive video collaboration

Use the optional built-in multipoint to host video calls with up to 6 participants in HD quality. Included support for dual monitors helps participants see everything more clearly for meetings with greater impact. For a turnkey solution, Polycom® RealPresence® Medialign™ solutions deliver the industry’s best video collaboration with an innovative, modern design that deploys anywhere in minutes.

*For more details on the benefits of the Polycom RealPresence Group 500, please see the RealPresence Group Series family brochure.*

## Benefits

- Simple to use, with one-touch dial from the integrated calendar and the Skype for Business interface on the optional RealPresence Touch
- Flexible, interactive content collaboration so distant teams can work more closely together
- High-performance video and content quality so everyone can view and share without compromise
- Simple installation and compact design for quick and easy deployment
- Right-size the solution to meet the needs of each individual conference room with flexible camera and accessory options for the best user experience and cost-effective deployment
- Built-in interoperability unlocks access to the highest quality in-room collaboration experience for Video as a Service customers



## Product specifications

### Package includes:

- RealPresence Group 500 codec
- Cable bundle
- Remote control
- EagleEye IV camera and RealPresence Group Microphone Array, or EagleEye Acoustic camera

### Video standards and protocols

- H.261, H.263, H.264 AVC, H.264 High Profile, H.264 SVC, RTV
- H.239/Polycom® People+Content™
- H.263 & H.264 video error concealment

### Video input

- 1 x HDCI
- 1 x HDMI 1.3
- 1 x VGA

### Video out

- 2 x HDMI 1.3

### People video resolution

- 1080p, 60 fps from 1740 Kbps
- 1080p, 30 fps from 1024 Kbps
- 720p, 60 fps from 832 Kbps
- 720p, 30 fps from 512 Kbps
- 4SIF/4CIF, 60 fps from 512 Kbps
- 4SIF/4CIF, 30 fps from 128 Kbps
- SIF (352 x 240), CIF (352 x 288) from 64 kbps
- QCIF (176 x 144) from 64 kbps
- w288p from 128 Kbps
- w448 from 384 Kbps
- w576p from 512 Kbps

### Content video resolution

- Input
  - HD (1920 x 1080i), HD (1920 x 1080p)
  - WSXGA+ (1680 x 1050)
  - UXGA (1600 x 1200)
  - SXGA (1280 x 1024)
  - WXGA (1280 x 768)
  - HD (1280 x 720p), XGA (1024 x 768)
  - SVGA (800 x 600)

- Output
  - WUXGA (1920 x 1200)
  - HD (1920 x 1080)
  - WSXGA+ (1680 x 1050)
  - SXGA+ (1400 x 1050)
  - SXGA (1280 x 1024)
  - HD (1280 x 720)
  - XGA (1024 x 768)
  - VGA (640 x 480)
- Content frame rate
  - 5–60 fps (up to 1080p resolution at 60 fps)
- Content Sharing
  - Polycom® People+Content™ IP and Polycom Pano app support
  - VbSS content in Microsoft environments

### Audio input

- 1 x RealPresence Group microphone array input port (supporting a total of 4 microphone arrays)
- USB headset support
- 1 x HDCI (camera)
- 1 x HDMI
- 1 x 3.5 mm stereo line-in

### Audio output

- 1 x HDMI
- USB headset support
- 1 x 3.5 mm stereo line-out

### Other interfaces

- 2 x USB 2.0
- 1 x RS-232, 8-pin mini-DIN

### Audio standards and protocols

- 22 kHz bandwidth with Polycom® Siren™ 22 technology, AAC-LD (TIP calls), G.719 (Live Music Mode)
- 14 kHz bandwidth with Polycom® Siren™ 14 technology, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

### Polycom® Constant Clarity™ technology

- Automatic gain control
- Automatic noise suppression
- Keyboard noise reduction
- Polycom® NoiseBlock™ technology
- Polycom® Acoustic Fence™
- Live music mode
- Instant adaptation echo cancellation
- Audio error concealment
- Polycom® Siren™ Lost Packet Recovery technology
- Polycom® StereoSurround™ technology
- Active Lip Synchronization

### Other supported standards

- H.224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.243, H.460
- BFCP (RFC 4582)
- TIP

### Network

- IPv4 and IPv6 support
- 1 x 10/100/1G Ethernet
- Auto-MDIX
- H.323 and/or SIP up to 6 Mbps
- Polycom Lost Packet Recovery (LPR™) technology
- Reconfigurable MTU size
- RS232 with API support
- Web Proxy support—Basic, Digest and NTLM
- Simple Certificate Enrollment Protocol (SCEP)

### Interoperability

- Microsoft Lync and Skype for Business certification, including Skype for Business Online / Office 365
- IBM® Sametime™ support
- Zoom Meetings Interoperability
- BlueJeans Cloud Services Interoperability
- Microsoft® Office Communications Server integration
- Microsoft® ICE support

**DATA SHEET** Polycom RealPresence Group 500 Specifications

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**Security**

- US DoD UC APL Certified (see the *Polycom US Federal Government Accreditation site* for details)
- Media Encryption (H.323, SIP): AES-128, AES-256
- H.235.6 support
- Authenticated access to admin menus, web interface and telnet API
- FIPS 140-2 Validated Cryptography (Validation Certificate #1747)
- PKI/Certificate Management:
  - SSL 3.0, TLS 1.0, 1.1, 1.2
  - Self-signed and CA-signed certificate support
  - CRL and OCSP-based certificate revocation checking
- Network intrusion detection system
- Local account password policy configuration
- Security profiles
- Web UI / SNMP Whitelists
- Local account and login port lockout

**Options**

- Polycom Pano
- Polycom® RealPresence Touch™

- Polycom EagleEye Cube camera
- Polycom EagleEye Producer
- Polycom EagleEye Director II
- Polycom® SoundStation® IP 7000 conference phone integration
- Polycom® SoundStructure® integration through a digital interface

**Software options**

- Skype for Business and Lync Integration (including Skype for Business Online / Office 365)
- TIP interoperability
- 1080p license, providing up to 1080p60 for people and content
- Multipoint license for up to 6 sites at 720p30, or 4 sites at 1080p30

**Electrical**

- Auto sensing power supply

**Typical operating voltage/power**

- 37VA @ 120V @ 60 Hz
- 37VA @ 230V @ 50/60 Hz
- Typical BTU/h: 65

**Environmental specification**

- Operating temperature: 0 to 40 °C
- Operating humidity: 15 to 80%

- Non-operating temperature: -40 to 70 °C
- Non-operating humidity (non-condensing): 5 to 95%
- Maximum altitude: 10,000 ft

**Physical characteristics**

- RealPresence Group 500 base box
  - 11.3" H x 1.2" W x 4.8" D
  - 2.45 lbs

**Warranty**

- One-year return to factory parts and labor

**Learn more**

- For more information on RealPresence Group Series, visit [www.polycom.com/groupseries](http://www.polycom.com/groupseries)