

PEG GRANT APPLICATION MAY 2023

APPLICANT ORGANIZATION:

Educational Channel 23

APPLICANT CONTACT INFORMATION:

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DOES YOUR ORGANIZATION HAVE ACCESS TO THE PUBLIC OR EDUCATIONAL CHANNELS ON THE COMCAST SYSTEM?

Yes – Comcast Channel 23

WHAT IS THE TOTAL AMOUNT OF YOUR REQUEST?

\$11,707.80.00

DESCRIBE THE CAPITAL EQUIPMENT YOUR ORGANIZATION WOULD LIKE TO PURCHASE

TIGHTROPE MEDIA SYSTEMS CBL-LIVE-350

Single channel H.264 HLS adaptive bit-rate live streaming server in a 1 RU chassis

\$4,300.00

CBL-SVR450-LITE

Cablecast VOD and Automation server in a 1 RU chassis. Streams H.264 HLS Adaptive bitrate VOD to mobile devices, OTT and desktops.

\$6,450.00

AUDIO-TECHNICA BPHS1 BROADCAST STEREO HEADSET

The Audio-Technica BPHS1 Broadcast Stereo Headset is designed for monitoring and speech capturing for news broadcasts, direction, sports commentary and more.

\$219.00 (QUANTITY 2 = \$438.00)

CANARE 12G-SDI UHD 4K Single-Channel BNC Cable (100')

\$129.95 (QUANTITY X 4 = \$519.80)

DESCRIPTION OF BENEFITS

This equipment will make it possible to offer PEG viewers a downloadable app which will stream the channel to TVs and mobile devices. The app will also offer video-on-demand viewing options.

These devices will also allow us to stream content from remote locations back to the studio via public internet. This allows for us to go live from those remote locations. It also will allow for affordable auto-generated closed-captioning, should we decide to utilize this service in the future...

The headsets will enable us to add announcers when we cover live sporting events.

The SDI cables are needed to continue to build the travelling system for covering live sporting events. They will connect cameras to the switcher.

All equipment purchased will be insured.

Generally speaking, the shelf life of the server hardware is four to six years. This hardware will probably last longer. We will attempt to put money aside to put towards the replacement of all this equipment.

The purchase of this gear is not critical to the initial or continued input of signal to the PEG channel system, but will be very helpful in the continual modernization of the channel.

The server equipment will be mounted in our head-end rack, and won't be shareable with other PEG channels. The headsets and SDI cables will be shareable.