



PURCHASE REQUEST

Dept./Office: **MMDC**PR #: **STF-2021-11-01481**Date: **11-03-2021**Section/End-User: **Windy O. Tuyan**Category: **IT Supplies and Equipment**Funding Source: **Special Trust Fund**Project Title/Code: **UIC-2021**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Livestreaming Machine	unit	1	120,000.00		120,000.00

Specification:

- Streamer Encoder & Recorder:
 - 2K: 2048 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
 - HD: 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
 - HD: 1080i 25, 29.97, 30 HD: 720p 50, 59.94, 60
 - SD: 525i, 625i
- Video Formats:
 - 2K inputs are center cut to 1080p and are only supported on SDI input
- Video Codec Support:
 - H.264/MPEG-4 Encoder
 - 100 KB/s to 20 MB/s (TBD) streamed output
 - 100 KB/s to 20 MB/s (TBD) recorded output
 - Up to 1080p60
 - Supports Baseline, Main and High
- Video Parameters:
 - 2.0, 3.0, 3.1, 4.0 and 4.1 level support
 - 1 x 3G-SDI, SMPTE-259/292/296/424, 10-bit
 - Single Link 4:2:2 or 4:4:4 (1 x BNC) 1 x HDMI Standard Type A connector
- Video Input Digital:
 - HDMI v1.4a, RGB or YCbCr 1 x 3G-SDI, SMPTE-292/296/424, 10-bit
 - Single Link: 4:2:2 or 4:4:4 (1 x BNC)
 - 1 HDMI Standard Type A connector
- Video Output Digital
 - HDMI v1.4a, RGB or YCbCr 32 KB/s to 256 KB/
 - 32, 44.1 and 48 kHz 2-channel stereo
- Audio Encoding
 - MPEG-4 AAC-LC, 2-channel, 24-bit SDI embedded audio, 48 kHz sample rate, synchronous
- Audio Input Digital
 - 2-channel, 24-bit HDMI embedded audio, 48 kHz sample rate
 - 2-channel, Analog (Line Level, Unbalanced stereo 1 x 3.5 mm TRS connector)
 - 2-channel, 24-bit SDI embedded audio, 48 kHz sample rate synchronous
- Audio Output Digital
 - 2-channel, 24-bit HDMI embedded audio, 48kHz sample rate, synchronous

- 1 x SD Card slot, SD and SDHC cards (NTFS 3.1)

- Maximum Operating Temperature: 32 to 104F (0 to 40C)

Purpose: For Livestreaming Events


Checked by: _____

DIONESIO I. ESTUPA


Funds Available:

ALICIA M. FLORES

HEAD, BUDGET OFFICE

	Approved by:
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Requested by:	
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Noted by: 

Approved by:

Signature: _____

Printed Name: **WINDY O. TUYAN**

ULDERICO B. ALVIOLA

EDGARDO E. TULIN

Designation:

UNIT HEAD, PROJECT LEADER

PRESIDENT, VSU