

REQUEST FOR AGENDA PLACEMENT FORM

Submission Deadline - Tuesday, 12:00 PM before Court Dates

SUBMITTED BY: J. Moore TODAY'S DATE: 7/7/22

DEPARTMENT: Emergency Management

SIGNATURE OF DEPARTMENT HEAD: *Jamie Moore*

REQUESTED AGENDA DATE: 7/25/22

SPECIFIC AGENDA WORDING:

Request to approve use of ARPA funds for EOC technology upgrade and utilize GSA government contract for procurment .

COMMISSIONERS COURT

JUL 25 2022

Approved

PERSON(S) TO PRESENT ITEM:

Jamie Moore

SUPPORT MATERIAL: (Must enclose supporting documentation)

TIME: 8
(Anticipated number of minutes needed to discuss item)

ACTION ITEM:
WORKSHOP:
CONSENT:
EXECUTIVE:

STAFF NOTICE:

COUNTY ATTORNEY:
AUDITOR:
PERSONNEL:
BUDGET COORDINATOR:

IT DEPARTMENT:
PURCHASING DEPARTMENT:
PUBLIC WORKS:
OTHER:

This Section to be completed by County Judge's Office

ASSIGNED AGENDA DATE: _____

REQUEST RECEIVED BY COUNTY JUDGE'S OFFICE:

COURT MEMBER APPROVAL:

DATE:

Johnson County EOC Audio/Visual Upgrade Request

Scope of Work: Emergency Management is requesting quotes on a new video wall board system for our EOC. The EOC currently uses a video matrix system that does not allow tiling within monitors and is not a software-based system to allow for upgrade improvements based on new technology and software developments. The new system must be able to support some existing legacy HDMI style monitors and overhead projectors as well as the County's current Crown audio system.

The main EOC room will be the focus for a new video wall. This room is 39 feet long and 32 feet wide. The video wall needs to be installed on the far wall that provides a 20' X 6' usable display space. The vendor is responsible for required wiring (video, data, and electrical) to this wall. All support electronics can be installed in the existing rack space provided by the EOC. The County will require 9 video inputs (sources) which will include a new Barco HDMI wireless display system with 3 dongles and a new Newline Smart Board 65". A complete list is provided on the following page. The new main video wall should be equipped with 15 Samsung or equivalent 46-inch HD 4K LED monitors installed in a 5 across and 3 down configuration. In addition to the new monitors the system will also support the new Smart Board, three overhead projectors, and five existing HD TVs. The day to day operation of the new wall board system will be controlled by two smart touch tablets. Any rack mounted electronics should be connected to an appropriately sized UPS battery back up system.

Required Features

Any Size Matrix

Create a flexible matrix of sources and displays limited only by the switch(es) used.

Artistic Video Wall Capability

Send image-rotated video content to a set of displays of any size, mounted at any angle, and pressed edge to edge or spaced apart, to provide a cohesive artistic image with video content chosen or designed exclusively for the layout.

Audio Mixing

Mix analog audio inputs and outputs with digital audio inputs and outputs, including HDMI, AES67 and Dante 8-channel, with adjustable volume, mute and delay.

DHCP Integration

Provide internet connectivity to a smart device through the same CATx cable that connects the Just Add Power matrix to that device using a DHCP server integrated receiver.

Dolby 5.1 Downmixing

Convert a source's Dolby 5.1 audio to Dolby ProLogic II audio for stereo-only speaker zones and allow both audio formats to be used simultaneously in multiple speaker zones.

Easily Accessible API

Write custom drivers and programs to interact with Just Add Power devices.

EDID Management

Display High Dynamic Range (HDR) content on HDR displays, permit the same content to display on standard screens, and allow content to be displayed simultaneously on both types of screens.

HDCP 2.2 Support

Display content with HDCP 2.2 copy/content protection on any HDMI screen in your system.

HDR Support

Support High Dynamic Range (HDR) formats including HDR10, HDR10+, HLG, and Dolby Vision.

Integrated Endpoint Control

Control source and screen devices using built-in Consumer Electronic Control (CEC), Transmission Control Protocol (TCP/IP).

Infrared control (IR) or Serial control (RS232).

Image Pop

Display a custom logo or message as an overlay on any active screen.

Image Push

Load a custom default image or logo for when no source is displayed onscreen.

Image Pull

Preview an image from any source or display, in any web browser or control system, at up to 10 fps.

Image Rotation

Rotate video input in 0.1 degree increments to create artistic video walls with screens at any angle and in any configuration.

KVM Support

Provide local and remote access to all computers on the system with a built-in keyboard, mouse and touchscreen interface at both ends of a connection.

Mosaic Video Wall Capability

Send video content to a set of displays mounted in a combination of equal or differently sized screens, mixed in portrait and landscape orientations, and pressed edge to edge or spaced apart, to provide a cohesive image with video content chosen or designed exclusively for the layout.

Plug-Play-Present

Capture and maintain a preset protocol that is initiated when a source is connected to a designated transmitter to power on desired display(s) and switch to the newly connected source for quick and easy presentation setup, and an ending protocol for when the source is disconnected from the transmitter, with no additional control system necessary.

Resolution Scaling

Downscale a source's 4K signal for viewing on a lower resolution screen and upscale a source's lower resolution signal for viewing on a 4K display.

Seamless Switching

Eliminate black screen downtime when switching sources at the same resolution and minimize black screen downtime when switching sources with different resolutions.

Standard Video Wall Capability

Send video content to a set of 2 to 256 displays of equal sizes, mounted in a grid in either portrait or landscape orientation and pressed edge to edge, to provide a single wall image or a set of smaller video images with the ability to dynamically change the layout as desired.

Video Rotation

Rotate your video by 90 degrees for portrait or landscape display.

Video Tiling

Combine video input from four sources to create a tiled source that can be displayed on a single screen.

Visually Lossless Video

Send original source signals to multiple and various screens with the same outstanding performance at each display.

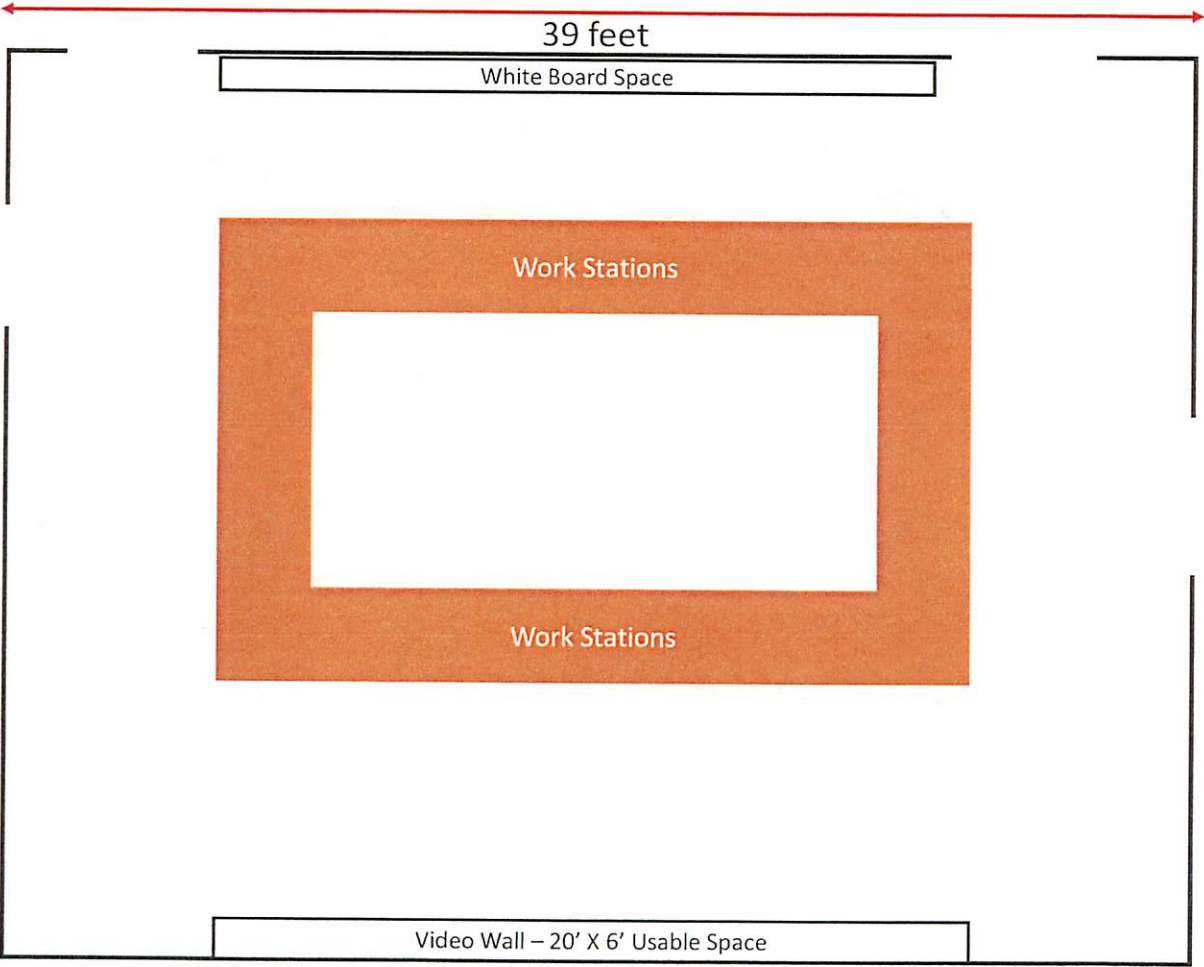
Zero Detectable Latency

Minimize encode/decode latency over the network so that it is visually undetectable.

EOC Main Room

Details:

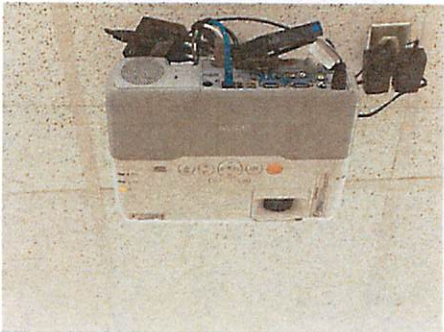
- EOC Room 39X32 feet
- Primary Video wall – 20 x 6 usable space
- Video input sources(9 total):
 - 1 desktop computer
 - 4 HD TV tuners
 - 1 Newline Touchscreen
 - Barco Wireless HDMI (3 dongles)
- Video output devices (24 Total):
 - 3 Epson HDMI projectors (existing)
 - Conference Room 2 HD HDMI TVs (existing)
 - Office 1 HD HDMI TV (existing)
 - Office 1 HD HDMI TV (existing)
 - Radio Room 1 HD HDMI TV (existing)
 - EOC - new Newline Touchscreen
 - EOC – 15 Samsung HD 4K wall board LED monitors (5X3 configuration)
- Audio – Crown XLS 1000 system (existing)



32 feet



EOC Main Room



Coronavirus State & Local Fiscal Recovery Funds: Final Rule

use of funds so long as such costs are reasonably proportional to the expected public health benefit.”¹⁰ This use of funds remains permissible under the final rule.

Capital Expenditures

Public Comment: Many commenters requested clarification around the types and scope of permissible capital investments in public facilities to meet pandemic operational needs; ventilation improvements in congregate settings, health care settings, or other key locations; and whether support for prevention and mitigation in congregate facilities could include facilities renovations, improvements, or construction of new facilities, or if the facilities must solely be used for COVID-19 response.

Treasury Response: For clarity, Treasury has addressed the eligibility standard for capital expenditures, or investments in property, facilities, or equipment, in one section of this Supplementary Information; see section Capital Expenditures in General Provisions: Other. In recognition of the importance of capital expenditures in the COVID-19 public health response, Treasury enumerates that the following projects are examples of eligible capital expenditures, as long as they meet the standards for capital expenditures in section Capital Expenditures in General Provisions: Other.

- Improvements or construction of COVID-19 testing sites and laboratories, and acquisition of related equipment;
- Improvements or construction of COVID-19 vaccination sites;
- Improvements or construction of medical facilities generally dedicated to COVID-19 treatment and mitigation (e.g., emergency rooms, intensive care units, telemedicine capabilities for COVID-19 related treatment);
- Expenses of establishing temporary medical facilities and other measures to increase COVID-19 treatment capacity, including related construction costs;
- Acquisition of equipment for COVID-19 prevention and treatment, including ventilators, ambulances, and other medical or emergency services equipment;
- Improvements to or construction of emergency operations centers and acquisition of emergency response

equipment (e.g., emergency response radio systems);

- Installation and improvements of ventilation systems;
- Costs of establishing public health data systems, including technology infrastructure;
- Adaptations to congregate living facilities, including skilled nursing facilities, other long-term care facilities, incarceration settings, homeless shelters, residential foster care facilities, residential behavioral health treatment, and other group living facilities, as well as public facilities and schools (excluding construction of new facilities for the purpose of mitigating spread of COVID-19 in the facility); and

- Mitigation measures in small businesses, nonprofits, and impacted industries (e.g., developing outdoor spaces).

Other clarifications on COVID-19 mitigation: Medical care, supports for vulnerable populations, data systems, congregate settings. Based on public comments and questions received from recipients following the interim final rule, Treasury is making several further clarifications on enumerated eligible uses in this category.

Public Comment: Several commenters requested clarification on eligible uses of funds for medical care. Treasury addresses those comments in the section Medical Expenses below.

Public Comment: Recipients posed questions on the type and scope of activities eligible as “supports for vulnerable populations to access medical or public health services.”

Treasury Response: Enumerated eligible uses should be considered in the context of the eligible use category or section where they appear. In this case, “supports for vulnerable populations to access medical or public health services” appears in the section COVID-19 Mitigation and Prevention. As such, these eligible uses should help vulnerable or high-risk populations access services that mitigate COVID-19, for example, transportation assistance to reach vaccination sites, mobile vaccination or testing programs, or on-site vaccination or testing services for homebound individuals, those in group homes, or similar settings.

Public Comment: Some commenters asked whether “enhancement of public

Treasury Response: These are permissible uses of funds under the interim final rule and remain eligible under the final rule.

Assistance to Businesses and Nonprofits To Implement COVID-19 Mitigation Strategies

Background: As detailed above, Treasury received many public comments describing uncertainty about which eligible use category should be used to assess different potential uses of funds. As a result, Treasury has re-categorized some uses of funds in the final rule to provide greater clarity, consistent with the principle that uses of funds should be assessed based on their intended beneficiary. For example, COVID-19 mitigation and prevention serves the general public or specific populations within the public. However, in the interim final rule, assistance to small businesses, nonprofits, and impacted industries to implement COVID-19 mitigation and prevention strategies was categorized in the respective sections within Negative Economic Impacts. The final rule consolidates all COVID-19 mitigation and prevention within Public Health.

Public Comment: Treasury has received multiple comments and questions about which eligible use permits the recipient to provide assistance to businesses and nonprofits to address the public health impacts of COVID-19.

Treasury Response: In the final rule, those services have been re-categorized under COVID-19 mitigation and prevention to reflect the fact that this assistance responds to public health impacts of the pandemic rather than the negative economic impacts to a small business, nonprofit, or impacted industry. When providing COVID-19 mitigation and prevention services, recipients can identify the impacted entity as small businesses, nonprofits, or businesses in impacted industries in general. As with all enumerated eligible uses, recipients may presume that all COVID-19 mitigation and prevention programs and services are reasonably proportional responses to the harm identified unless a response is grossly disproportionate to the type or extent of harm experienced. Note that capital expenditures are not considered “programs and services” and are not

Jamie Moore

From: Kevin Dyer <kevin.dyer@grantworks.net>
Sent: Monday, June 27, 2022 2:21 PM
To: Jamie Moore
Cc: Ralph A. McBroom; Steven Watson
Subject: Re: Request For Quote EOC Upgrade- ARPA Funding

*** External sender - use caution with links or attachments ***

All,

Yes, GSA is allowed/compliant.

Thank you,
Kevin Dyer

On Mon, Jun 27, 2022, 11:55 Jamie Moore <jmoore@johnsoncountytexas.org> wrote:

I forgot to add there is a possibility to purchasing the system through GSA. We are waiting for Mr. Dyer at Grant Works to verify if that is allowable.

Jamie

From: Jamie Moore <>
Sent: Monday, June 27, 2022 11:52 AM
To: Ralph A. McBroom <ramcbroom@johnsoncountytexas.org>
Cc: kevin.dyer@grantworks.net; Steven Watson <swatson@johnsoncountytexas.org>
Subject: Request For Quote EOC Upgrade- ARPA Funding

Ralph,

In reference to the EOC AV/Equipment upgrade with we would look for a vender to install the following:

1. Video Wall Board approximately 20' x 6'
2. Install a new video wall board system for the Johnson County Emergency Management EOC. This new system will be software and hardware based system utilizing Just Add Power video wallboard or similar components and Samsung HD or equivalent monitors. The new wall board will be installed in the main EOC room utilizing a 20 foot wide and 6 foot tall viewable wall space on the far wall in the room. The optimum configuration to

utilize this space will be fifteen 46 inch HD 4K LED monitors set up in a 5 across and 3 down array. Monitors will be designed specifically for wall board use and have minimal bezel spacing for a very seamless view. In addition to these 15 new monitors, three existing Epson HDMI projectors will be reused, 5 existing HD monitors in separates offices and a new Newline 65 inch Smartboard and Touchscreen (or similar) which will be a video display and video source.

3. The system will be designed to support 24 total video outputs and receive 7 video inputs which will include a new Barco wireless HDMI dongle system, the Newline Smart Board, four HD TV tuners, and a EOC computer. The audio will be supported by the existing Crown XLS1000 system and new speakers will be added as needed (up to 4).
4. Newline 65" Smart Board
5. Include all hardware and software for system management and integration

We can request quotes/bids from:

Comprehensive Communication Services

Gary Collins

gwcollins@ccscontact.net

Cell: 4696680301

Comprehensive Communication Services, LLC 519 E. Interstate 30 #225
Rockwall, TX 75087
Office (972) 772-2721

Digital Resources, Inc

2107 Greenbriar Drive Suite B
Southlake, TX 76092 US (817) 481-9300
www.digitalresources.com

HiperWall

557 Wald

Irvine, CA 92618

(888) 520-1760

info@hiperwall.com

Use of ARPA funding for this project is authorized in Coronavirus State & Local Fiscal Recovery Funds: Overview of the Final Rule Page 61 “Improvement to or construction of emergency operations centers and acquisition of emergency response equipment”



Website: <https://milleniumproducts.net>
 Email: info@milleniumproducts.net
 Toll Free #: **888-901-7430**
 Fax: 801-469-7778

GSA Quote

Quote Expires On: 8/31/2022 12:00:00 AM

Millenium Quote #:
00005524

CAGE # 3DNW8 DUNS # 102694671 Federal ID # 86-1159194



GS-07F-0231N: Air Compressors, Generators Light Towers, Fuel Tanks & Trailers

GS-07F-0031W: Surveillance Equipment
 GS-07F-5791R: Traffic Safety Equipment

GSA Purchase Orders must indicate the GSA contract number in order to receive pricing on this quote. Orders received not indicating a GSA contract number can be accepted at open market pricing only.

To: Jamie Moore
 Email: jmoore@johnsoncountytexas.org
 Phone: 817-556-6382
 Mobile:

Your governmental agency is eligible for the following GSA pricing on GSA Contract: GS-07F-0031W, Net 30

Qty:	Item/Model #:	Item Description:	Unit Rate:	Total GSA Price:
1	GSA-VSS-RTCC-B1	Real Time Crime Center (RTCC) Base *Pricing discounted – furniture removed Including: Q-SYS Technology package: 110 Scripting Engine Software License, Core 110 UCI Deployment Software License, Unified Core with 24 local audio I/O channels, 128x128 network I/O channels, dual LAN ports, POTS and VoIP telephony, 16x16 GPIO, 16 next-generation AEC processors, IRU	\$110,316.14	\$110,316.14
50	GSA-VSS-ROI-03	After Hours Installation Per Hour *Work hours may vary	\$222.15	\$11,107.50

We are happy to be of service. Let us know how we may be of service to you.
 Sincerely,

Lori Hipskind, Email: lori@milleniumproducts.net

Total: \$121,423.64

- Any use tax, sales tax, excise tax, duty, custom, inspection or testing fee, or any other tax, fee or charge of any nature whatsoever imposed by any governmental authority, on or measured by the transaction between Millenium Products, Inc. and Purchaser shall be paid by Purchaser in addition to the price quoted or invoiced. In the event Millenium Products, Inc. is required to pay any such tax, fee or charge, Purchaser shall reimburse Millenium Products, Inc. therefor or, in lieu of such payment, Purchaser shall provide Millenium Products, Inc. at the time the Contract is submitted an exemption certificate or other document acceptable to the authority imposing the tax, fee or charge.

Since 1999 Powerful Solutions Proven Results

Generators • Portable Light Towers • Traffic Safety equipment • Surveillance Equipment • Fuel Trailers • Air Compressors
 License Plate Reader/ALPR Systems • Real Time Crime Centers • Mobile Command Centers