

Cass County Sheriff's Office Jail Master Control Console Furniture Request for Bid

Cass County Sheriff's Office is seeking qualified vendors to submit proposals for the design, delivery and installation of one master control furniture console. The furniture will be used in 24/7 operations in a Sheriff's Office master control center. Vendors must submit one (1) written copy and one (1) electronic copy in a sealed envelope marked "Master Control Console". Bids need to be sent to the Cass County Sheriff's Office, Attn: Capt. Nicholas Sack at 2501 W. Mechanic St. Ste. 100, Harrisonville, Missouri 64701. Bids will be opened and reviewed on May 1st 2021.

Qualified vendors can schedule a walk-through between April 1st, and April 23rd 2021. A complete bid package can be requested by contacting Captain Nicholas Sack Jail Administrator at nicholas.sack@cassmosheriff.org 816-380-8306.

The Cass County Sheriff's Office is currently remodeling the Master Control space to accommodate the installation of a control console in the master control room. This space is expected to be remodeled by the end of 2021. Vendor will work with Cass County in determining an agreed upon timetable for installation of the master control console and electrical work following construction.

DELIVERY REQUIREMENTS

A. Master Control console equipment must be installed within the timeline agreed to by the Vendor and Cass County.

Vendor shall notify the Cass County Sheriff's Office Jail Administrator when all master control console equipment is available for installation. Master control console installation timetables will be coordinated with the Cass County Sheriff's Office Jail Administrator.

1. Any equipment, damaged during transport by the Vendor, will be returned and replaced immediately by the Vendor at no cost to Cass County.
2. Payment will not be made by Cass County until all equipment is received, installed and inspected.

In the event that Cass County could receive a financial benefit from making progress payments prior to completion, the County reserves the right to negotiate for such benefit prior to contract execution.

CUSTOMER SERVICE

A. Vendor must provide the location of the nearest authorized service center.

B. Recalls of any portion of equipment delivered due to manufacturer defect shall constitute full replacement of defective equipment at no cost to Cass County.

WARRANTY

A. All products being proposed shall be warranted according to the manufacturer's standard warranty policy.

1. A minimum warranty period of one year from date of acceptance and approval by Cass County is required.

Warranty during the one year period will include all labor, shipping, materials or replacement costs for the products which are defective.

2. Vendor shall provide specific information in their written response which provides all warranty coverage and exceptions.

PRODUCT INFORMATION

Cass County is requesting console equipment in the following quantities with the following characteristics:

The Cass County Sheriff's Office Jail will have one master control console workstation with storage capabilities that are designed for 24/7/365 use in the public safety/jail environment.

The control console must allow Jail staff to work in a seated or standing position.

The electronic hardware within the equipment must be secured.

Electrical wiring must be concealed to prevent accidental contact or disconnection through both vertical and horizontal cable management.

Vertical cable management shall be controlled by expandable and collapsible cable arm(s).

The control console equipment must provide independent vertical adjustment of both the surface containing the monitors and the surface containing the keyboards and wiring. A full single-lift surface that meets all current ergonomic standards is preferred. Vertical adjustment shall be to the extent that a deputy can comfortably operate equipment from any position ranging from fully seated to fully standing.

Computer monitors shall be arranged within adjustable reach of jail personnel and which allows each user to adjust monitors to their respective focal depth, height, tilt and peripheral angle preferences.

Vendors to include a minimum of two (2) but no more than three (3) designs for the space specified along with photographs and detailed technical drawings of the equipment being considered. Vendor must ensure that the product will fit within the space provided for the new

Master Control Room.

Console configuration must allow for ample movement throughout the control room.

Console equipment shall be arranged in such a way to meet the existing needs of the jail, and must meet ADA guidelines.

The console equipment must exhibit a highly rigid frame construction and a well designed heat dispersion methodology. Equipment should be constructed with metal framework.

The console work surface must provide a comfortable, but extremely durable, work surface/edge for jail personnel.

Vendors who submit multiple options must keep the options separated in their proposal, providing separate pricing and detail sheets for each option.

Vendors shall provide a turnkey installation by qualified and certified installers.

Control console equipment must include electronic control lift sit/stand console.

Keyboard/ Input Surface must provide adequate space for multiple keyboards and mouse devices.

Flat panel mounting must accommodate up to eight (8) 22" to 24" LCD screens with no more than two rows of stacking.

An electrical power center is required to provide an adequate number of electrical outlets for all associated monitors. Vendor to provide the number of outlets.

The power center must have a storage compartment to neatly store excess power and video cord lengths.

CPU storage accommodation.

CPU storage options should be listed by the vendor, with options to mount CPU either behind the monitors or in a cabinet that is accessible from the front or rear of the console equipment.

The compartment must include a minimum of one power strip with a minimum of eight (8) outlets. These power strips are to connect directly to the console mounted Power Distribution Unit.

Control consoles must provide adequate ventilation and temperature control for CPUs and other dispatch equipment.

Complete personal comfort system to include the following:

Circulated air system with mounted air diffusers

Base-mounted blowing heater system

Desktop control pad.

The cavity should have the ability to store excess cable lengths associated with keyboard and mouse devices.

The partitions are to surround each individual functional area while not restricting access.

Control console should have a pop-out section to allow rear technical access to the console.

Framework must be of sufficient strength to prevent sagging or deflection and capable of sustaining the accumulated weight of monitors, CPUs and associated hardware.

All frameworks will be painted or powder coated with a durable finish.

Laminated surface must be supported eliminating any surface deflection.

Configurable, multi-color status light at each workstation.

Speaker mounts, eight (8) per control workstation.

Hidden keyboard tray or location on slat wall for secondary keyboards that are not continuously used.
Holders for drinking cups.

WIRING REQUIREMENTS

Electronic components within the console must be secured. In order to meet this requirement, CPUs should be housed within cabinets or attached to the console equipment so that CPUs, monitors, and consoles all move simultaneously eliminating wear and tear on wiring and connectors, as well as the need for extended cable lengths.

Electrical and communications wiring should be concealed and secured to the greatest extent possible to prevent accidental contact with wiring or accidental disconnection.

It is unacceptable to have coiled wiring on the floor to accommodate the vertical adjustment of counter tops (as it can become entangled with the items or come in accidental contact with employees).

USB extender access ports should also be added to consoles allowing keyboard, mice and other peripherals to allow connection or replacement above the work surface, (eliminating the need to climb underfoot or connect or disconnect components during critical operation).

Cable channels should be designed to be technically friendly and eliminate the need for fishing of wires through closed channels.

Vendor must describe cable management standards of the product within the proposal.

INSTALLATION

The awarded vendor must comply with all Local, State, and Federal regulations related to the supply and installation of the equipment proposed, including the City of Harrisonville building codes.

Vendor must coordinate installation of master control console equipment and electrical work with Cass County Sheriff's Office in order to avoid change orders or delays in the project.

During installation, the vendor's project manager must be available to answer questions and provide consultation (including installation inspection, if required) in order to verify that the master control console is being installed in accordance with the approved design and specifications.

The vendor's project manager will work with Cass County Sheriff's Office Jail Administrator throughout the installation process to ensure a seamless installation.

The vendor must dispose of shipping and packaging material and all other trash material at the time of installation.

Installed delivery is defined as everything up to, and including, inside delivery, assembly, and complete installation (along with appropriate removal of all package materials).

The vendor will immediately replace any items that have been damaged in transit or during installation at no cost to the County.

The vendor is responsible for any damage to Cass County facilities during installation and delivery.

Final payment will not be authorized until all work has been completed and approved by the Jail Administrator.

The Cass County Sheriff's Office Jail Administrator must approve any change-orders issued following the award of a contract prior to changes occurring.

ADDITIONAL PROJECT DETAILS

Electrical and network connectivity designs will be made available upon request.

Vendors will be responsible for all measurements to include access locations through raised floor tiles for cabling.

There is a raised floor in the Control Center.

The design should accommodate up to eight (8) 24" LCD flat screen monitors with no more than two rows of stacking. These monitors are used for information display and are strategically located within the Control Room.

There can be no floor boxes that stick above the floor.

There are no KVM switches.

Workstation must have at least one hanging file folder drawer.

Rotating resource guides are required.

Console should include appropriate and adequate LED task lighting.

Task lighting should be identified in the vendor's submitted proposal.

The design preference is for a panel system with front and back access to equipment.

Vendor must include a complete list of all available console fabric and design colors and/or configurations.

Furniture and accessories to include:

(1) Single Surface Height Adjustable Console

Console should include:

Personal Comfort System – heating and cooling

Adjustable arms for monitors

(2) Shared touch screen monitor arms for door monitoring

(1) Task Light

(1) Convenience outlet plate – 2 outlet, 1 USB and 3 phone jacks

(1) Keyboard holder

(1) Cup Holder

Ambient Light kit

(1) Data Termination Bracket

Cass County Sheriff's Office contacts:

Division Commander, Lieutenant Kevin Neville

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