

FY 2022 NEW OR EXPANDED PROGRAM/CAPITAL/PERSONNEL REQUEST FORM

There are numerous financing alternatives that can be used to provide funding for a project. The County Administrator, subject to final approval by the County Board, may match a proposed project, program or personnel request with the financing alternative that best meets the needs of the County.

Title: *CPF Large Conference Room Technology Infrastructure Improvements*

Date: *6/27/2021*

Requesting Department (or Standing Committee):

Lake County Stormwater Management Commission

1. Executive Summary

*The executive summary should provide a **high-level** description of the need, justification, staffing impacts, and how this relates to County goals and strategies. Please be sure to incorporate the sections below.*

*The Central Permit Facility (CPF) Large Conference Room is used frequently used by several Lake County departments for workshops, training, meetings, and adjudication. The current technology running the audio-visual (A/V) system in the large conference room was installed in April 2010. The system is outdated, and meeting facilitators frequently need assistance starting the A/V system and troubleshooting issues. The CPF Large Conference Room (capacity 120) is a strategically positioned meeting room at the Libertyville Government Campus CPF, as well as being centrally located within Lake County. Upgrading the current technology infrastructure to an up-to-date user-friendly system adapted for in-person/virtual hybrid meetings would help ensure this room remains a cornerstone meeting location for all Lake County departments. Recent experience with hybrid in-person meetings with virtual attendance has not worked with the current technologies. **User-friendly technology infrastructure improvements will enable efficient and more productive use of limited staffing capacity to effectively administer the initial \$30M (of \$125M) stormwater infrastructure grant (anticipated soon) from the Department of Commerce and Economic Opportunity.***

A. Proposed Options

Summarize the available options to resolve this problem. Include costs and available data.

*On April 23, 2021, SMC staff met with Lake County Health Department and Lake County Information Technology representatives for a demonstration of the technology infrastructure improvements at 3010 Grand Ave. Lake County Health Department worked with CDW in Vernon Hills to secure hardware and installation advice and had their conference rooms upgraded to current technologies. After the technology infrastructure demonstrations, SMC reached out to CDW for a quote on a similar system to Lake County Health. Quotes received from CDW for the technology infrastructure is \$67,844.00 and the installation expense is \$54,280.00 for a total combined expense of **\$122,124**.*

On June 11th, CAO and Department Heads were provided details on the SMC-IT-Health coordination and were invited to the June 21st Needs Assessment and Room Configuration meeting. On June 21, SMC staff met with representatives from Lake County IT, Lake County Planning, Building, and Development, Lake County Facilities, Lake County Finance, Lake County Health, and the Lake County Regional Office of Education to determine departmental needs and preferred furniture configurations.

The CPF Large Conference Room A/V system would be upgraded with current technology infrastructure to include two 98" high resolution displays attached to full motion swing-out wall mounts for room configuration versatility and effective visual performance, wireless projection (via URL) from any source, ADA compliant listening systems, auto-tracking cameras to focus on the speaker, cameras (non-tracking) in the front of the room to show audience when needed, microphones and mixing system to ensure quality audio during in-person/virtual meetings. The technology infrastructure would be agnostic and could be used for any in-person/virtual meeting platforms to include Teams, Zoom, GoToMeeting, GoToWebinar, and future videoconferencing solutions. The room dividing options and functionalities for dual meetings would remain.

B. Type of Request

Please indicate whether this request is a new program, expansion, replacement/upgrade, or cyclical replacement, based upon the definition in the budget policies for this budget year.

Replacement/Upgrade

2. Strategic Alignment

A. Legal Mandates

Which County, State or Federal agency regulations, either as stipulated by legislation or by a citation issued?

Open Meetings Act compliance.

B. Intergovernmental/Shared Services Impact

What impact does this have on any other governmental units? Does this duplicate other public/private services?

The CPF Large Conference Room is a shared resource not only for the tenants of the CPF, but by all County Departments including the Regional Office of Education. Its central location on the Libertyville campus does not duplicate other public/private sector services.

C. Rehabilitation/Asset Management

Will the project improve the health and/or safety of the employees and users of the facility?

Yes, departments housed at the CPF (SMC, Planning Building, and Development, and Health) will not have to travel to alternate meeting sites. Since March 2020, public meeting attendance has been up with the option for virtual attendance. Lake County citizens will not have to travel to the CPF, and those unable to travel, can attend if they have access to a device with an Internet connection.

Does the physical condition of the existing asset dictate the need for immediate repair, either based on frequency of use or age of asset; what is the timing and extent of necessary repair in respect to current funding; is the replacement of this asset consistent with industry standards/sound engineering practices; is the existing asset compliant with current applicable codes?

The physical condition of the current A/V equipment dictates the need for immediate replacement. The equipment is just over 10 years old and several key components of the system are no longer available. In the past, used parts had to be purchased from eBay since they are no longer made and supported. SMC proposes a system that is consistent with industry standard and is similar to the system installed at the Lake County Health 3010 Grand Ave location to ensure seamless usability and a user-friendly solution between conference rooms.

Does the project have a positive cost/benefit ratio?

CPF building tenants will not have to travel to an alternate meeting location. Lake County citizens and other stakeholders can choose to attend meetings virtually, eliminating the need to travel to site, reducing traffic and emissions.

D. Operational Improvements

What are the expected operational improvements of this proposal?

Expected operational improvements include a user-friendly system that will be technologically current, fully functional, and easy to operate, eliminating the need to constantly troubleshoot which pulls staff from other departments and causes meeting inefficiencies and delays.

What budgetary impacts can be expected including budget reductions, revenue increase, and/or new sources of revenue?

Reduced travel and vehicle-related expenses.

E. Sustainability

What is this proposal's impact on Countywide emissions? Consider all emissions, including those of stakeholders.

See "C. Rehabilitation/Asset Management."

Were more sustainable alternatives considered? If so, please provide a brief description of each alternative considered with detailed cost information, potential emissions savings, and an explanation of any other issues identified with the alternatives that impacted the decision.

Yes, other options were considered such as maintaining the current system by purchasing available parts on the secondary market, and that has been done in the past. However, this was be more of a "band-aide" approach and is not sustainable since the current technologies are outdated. SMC feels the current proposal will best meets the needs for the future of in-person/virtual attendance meetings.

F. Risk Mitigation

Does this project provide better management of (known) risks or liabilities to the County?

CPF tenants will not need to travel to alternate meeting locations. Stakeholders and Lake County citizens can choose to attend meetings virtually and eliminate traffic, thus reducing risk.

3. Assumptions

Include all assumptions that have been made in putting forth this request (e.g., the State will continue to share the 1% portion of sales tax with local governments, it is not possible to use the system that Department x uses because...).

It is not only assumed, but it is an accurate statement, that the current technologies in the CPF Large Conference Room will not support the future of meetings in a post-COVID world and will not support in-person/virtual meeting attendance and provide for effective and efficient program management of the Department of Commerce and Economic Opportunity's \$30M (of \$125M) stormwater infrastructure grants.

4. Alternatives Analysis

List the alternatives and provide justification for why they were not recommended to solve this problem. Include costs and data to support this decision.

No alternatives other than providing additional staffing capacity to maintain an aging system were considered. The proposed option was considered after meeting with Lake County Health Department staff and then presenting that proposal to Lake County representatives listed in "A. Proposed Options". Lake County IT implements a 5-year replacement plan for devices and given the 10-year age of the current technologies in the CPF Large Conference Room, these technology infrastructure improvements are in order.

5. Performance Measures

A. Goals

What changes in outputs or outcomes can reasonably expected if this request is funded. For example, "payment processing time will decrease by 20%", "customer satisfaction will increase by 40%", "cost per unit will decrease by 25%". When can these new performance levels be expected?

The CPF Large Conference Room experience can be measured more in terms of user experience and qualitative analysis. Over the years, there have been several comments about the current system's complexity (non-user friendliness) and idiosyncrasies, let alone its age and condition. Meeting facilitators have commented on the difficulties getting the system running properly, and what do when the system doesn't start up properly, which happens frequently. Meeting attendees have commented several times about the lack of quality audio, sensitive feedback when presenters move to certain locations in the room, and difficulty seeing the screens clearly since both projectors offer different degrees of color contrast and sharpness. Recently, meetings held post-COVID had offered challenges when folks attend in-person and others attend virtually. Audio feedback loops are an issue and over the facilitators and attendees present a less than professional presentation/meeting.

B. Current vs. Expected Output/Outcome

Please note: For performance measures related to ARPA funding, please complete the table in item 7.B. below.

See ARPA.

6. ARPA (American Rescue Plan Act)

Please note: Guidance related to the use of ARPA funds can be located on the US Treasury website at this location: <https://home.treasury.gov/system/files/136/SLFRP-Fact-Sheet-FINAL1-508A.pdf>.

A. ARPA Eligibility

Is the request eligible to be paid for with ARPA funds? If so, please explain why and identify the US Treasury guidance eligibility category within which the project fits.

1. Supporting the public health response

Capital investments in public facilities to meet pandemic operational needs

Under this category, the CPF Large Conference Room could be upgraded to current A/V standards and serve a wider audience of constituents who choose to attend meetings virtually and serve those who have no choice other than to attend meetings virtually. Meetings could be health, or non-health related.

2. Addressing the negative economic impacts caused by the public health emergency.

Rebuilding public sector capacity.

Under this category is a mention of “may also use this funding to build...technology infrastructure”.

SMC believes rebuilding/updating the 10-year old A/V technologies of the CPF Large Conference Room will fall under this category.

3. Investing in broadband infrastructure

Lake County recently invested in broadband infrastructure and SMC believes updating the technologies in the CPF Large Conference Room will fall under this category as more residents choose to attend public meetings virtually.

4. Expenses to Improve Efficacy of Economic Relief Programs.

The Governor’s Office of Management and Budget has executed \$30M (of \$125M) of funding to the Department of Commerce and Economic Opportunity for a grant award to Lake County for stormwater infrastructure improvements. Staffing capacity limits require an effective and user-friendly hybrid meeting technology improvements.

B. ARPA Use Reporting

ARPA-use reporting will require annual submittal of performance reports documenting use of funds, objectives, and performance metrics.

ARPA Performance Measures	Expected Output/Outcome
To provide public transparency on whether projects are using practices that promote on time and on-budget delivery, Treasury will seek information from recipients on their workforce plans and practices related to water, sewer, and broadband projects undertaken with Fiscal Recovery Funds.	SMC’s comprehensive Work Program will be updated and approved annually. The technology infrastructure improvements will enable greater public transparency, and promote on time and on-budget delivery to maximize the investment of \$125M+ stormwater infrastructure improvements throughout Lake County.

C. ARPA Use Reporting

The request should align with the County's strategic plan. Please review Lake County's Strategic Plan (<https://www.lakecountyil.gov/DocumentCenter/View/30318/Lake-County-Strategic-Plan-2019>) and provide a summary of how the request aligns with the Strategic Plan. Please be specific, citing the aligned value, goal, and strategy.

1. Our Values

- a. Deliver cost-effective, efficient, responsive and high-quality services, with professionalism and courtesy to public trust and confidence.*
- b. Be an employer of choice that promotes a culture that fosters continuous improvement through the implementation of new techniques, technologies, and operational efficiencies that maximize outcomes and promote positive change.*
- c. Lake County has been a consistent leader in the local government sector. Upgrading the CPF Large Conference Room with current technologies will exude the professionalism and the embracement of new technologies staff and the public has come to expect at Lake County functions.*

2. Fiscal Responsibility

- a. Leverage Shared Services to Gain Efficiencies.*
- b. The CPF Large Conference Room is used frequently by the CPF tenants; however, the building and conference room is open to all County departments as well as other training entities. It is a cornerstone meeting location centrally located in Lake County.*

3. Exceptional Service and Operational Excellence

- a. Investing in Technology*
 - i. The County Board is committed to investing in technologies to deliver products and services in an efficient, cost-effective, transparent and secure manner. Lake County is a leader in providing online maps, consistently leveraging new tools to increase transparency and make it easier for the public to access information. Lake County is also investing in a new court case management system which integrates justice functions across County elected offices and is pursuing integration of tax systems to improve overall efficiency and customer service. Wherever possible, the County will explore how technology will allow us to share service opportunities with municipalities.*
- b. As Lake County moves into a post-COVID business environment where hybrid in-person/virtual meetings are here to stay, this upgrade will ensure Lake County is prepared to meet those challenges.*

SMC believes this New Program Request of improving the technology infrastructure for the CPF Large Conference Room aligns with the Lake County Strategic Plan by meeting the objections and goals stated above.



STATEMENT OF WORK

Project Name:	LakeCoStormwater-2021.06-AVInstallProjector_Quote 69987	Seller Representative:
Customer Name:	LAKE COUNTY STORMWATER MANAGEMENT	Damian Gonzalez
CDW Affiliate:	CDW Government LLC	+1 (847) 465-6000
Subcontractor:	SVT	damigon@cdwg.com
Date:	June 25, 2021	Solution Architect:
Drafted by:	Michelle Caron	

This statement of work (“**Statement of Work**” or “**SOW**”) is made and entered into on the last date that this SOW is fully executed as set forth below (“**SOW Effective Date**”) by and between the undersigned, CDW Government LLC (“**Provider,**” and “**Seller,**”) and LAKE COUNTY STORMWATER MANAGEMENT (“**Customer,**” and “**Client,**”).

This SOW shall be governed by Seller’s “**SOW Services,**” accessed via the “**Terms & Conditions**” link at www.cdwg.com (the “**Agreement**”). If there is a conflict between this SOW and the Agreement, then the Agreement will control, except as expressly amended in this SOW by specific reference to the Agreement. References in the Agreement to a SOW or a Work Order apply to this SOW.

PROJECT DESCRIPTION

PROJECT SCOPE

- This is a three way divisible room, but only one divisible wall is used to split the room into two. In each room, Provider will be removing the existing ceiling projectors, Extron wall plate PC connections, two Polycom cameras, Crestron touch screens, six Audio Technica microphones, and Listen audio transmitters. On the back end, Provider will be removing the existing Kramer 16x8 video matrix, Crestron control processor, two ClearOne digital sound processors, and two QSC amplifiers. Provider will be reusing the existing projector ceiling mounts, projector screens, equipment rack, two JVC DVD/VHS players, and ceiling speakers.
- In each room, Provider will then be installing a 5000 lumens laser projector, 98" display in each room, an HDMI wall plate PC connection, an HDMI PC connection at the podium, an AVer USB PTZ camera at the front and back of the room, a Kramer VIA Connect PLUS for wireless content sharing and BYOD video conference capabilities, a Shure wireless handheld and lapel microphone, four Shure wireless table microphones, a Listen Everywhere server, and a Kramer touch screen for control. On the back end, Provider will be installing a Kramer 16x16 video matrix, a

Biamp digital sound processor for audio routing and balancing, a Crown amplifier, a DLink switch for AV routing, and a Crestron partition sensor. All relevant equipment will be housed in the existing equipment rack.

- When the wall is opened, system will operate with audio and video being mirrored in the entire space and any microphone can be used. When the divisible wall is closed, each room will have separate video and audio capabilities.

PROVIDER RESPONSIBILITIES

Provider is responsible for the following:

1. The Provider will be responsible for the physical connections of the video conferencing device to display(s), microphone(s), audio equipment, presentation device(s), and network.
2. The Provider will enter Customer-provided network settings/configuration to the video endpoint. The Provider will provide a form for all required information to be completed by the Customer prior to on-site installation.

CUSTOMER RESPONSIBILITIES

Customer is responsible for the following:

1. Customer is responsible for ensuring client furnished equipment is in good working order. Provider is not responsible for defective or malfunctioning equipment furnished by the customer. Additional time and material may be required to provide a working system.
2. The Customer is responsible for providing all necessary power and data connections.
3. The Customer is responsible for providing all necessary conduits/pathways.
4. The Customer is responsible for providing any necessary structural reinforcement required to support the large display(s).
5. The Customer is responsible for any cutouts in any Customer owned furniture.
6. The Customer is responsible for providing required network connection at the video endpoint location.
7. The Customer is responsible for providing required network settings/configuration for video endpoint.
8. The Customer or others will be responsible for any back-end configuration required to support the video endpoint.
9. If the Customer-provided settings or back-end configuration is not ready or correct, it is assumed that the install portion is correct and will be completed by others when ready.

PROJECT ASSUMPTIONS

1. Services not specified in this SOW are considered out of scope and will be addressed with a separate SOW or Change Order.
2. The labor described within this scope of work is considered non-union labor. Union, night-time, weekend, and holidays rates are available and based on geographic location and will incur additional costs that will be billed accordingly.
3. All labor to commence within standard day-time hours during the standard 5 business days of the week, Monday – Friday, 8:00am to 5:00pm local time, exclusive of holidays and weekends.

OUT OF SCOPE

Tasks outside this SOW include, but are not limited to:

1. Permits, licensing, or any other fees required by the local Township, State, or Federal offices.
2. Repair, troubleshooting, replacement of existing equipment.

Services not specified in this SOW are considered out of scope and will be addressed with a separate SOW or Change Order.

GENERAL RESPONSIBILITIES AND ASSUMPTIONS

- Customer is responsible for providing all access that is reasonably necessary to assist and accommodate Seller's performance of the Services.
- Customer will provide in advance and in writing, and Seller will follow, all applicable Customer's facility's safety and security rules and procedures.
- Customer is responsible for security at all Customer-Designated Locations; Seller is not responsible for lost or stolen equipment, other than solely as a result of Seller's gross negligence and willful misconduct.
- This SOW can be terminated by either party without cause upon at least fourteen (14) days' advance written notice.

PROJECT MANAGEMENT

Seller will assign a project management resource to perform the following activities during the project:

Kickoff Meeting. Review SOW including project objectives and schedule, logistics, identify and confirm project participants and discuss project prerequisites.

Project Schedule or Plan. A project schedule that details the schedule and resources assigned to the project. The schedule should align with the estimated project duration as established in the Project Scheduling section.

Status Meetings and Reports. Status meetings will be conducted on a regular cadence schedule based on agreement with stakeholders, the estimated project duration and budget available. During these meetings, the Seller and you will discuss action items, tasks completed, tasks outstanding, risks, issues, key decisions and conduct a budget review.

Change Management. When a change to a project occurs, the Seller's project change control process will be utilized.

Project Closure. Once verbal scope completion is confirmed, a written Project Closure Acceptance will be provided for client to formally acknowledge. If desired, the project team will meet to recap, answering any questions address project transition activities and next steps.

Project Management

A Project Manager is assigned and provides the following:

- Coordinates and facilitates kickoff, status (at agreed upon intervals) and close out calls
- Documents and distributes meeting notes/action items for all calls
- Creates and distributes escalation and contact lists
- Conducts regular status meetings to proactively identify any issues that may arise in order to mitigate risk
- Facilitates any necessary change orders and administrative tasks as necessary
- Monitors project scope and expectations
- Identifies and manages project risks
- Monitors the status and progress of the project and the quality of items provided
- Communicates at regular intervals, as agreed upon
- • Acts as the main POC to customer, if requested

Ensures project timelines, dependencies, budgets and closure are met within the project lifecycle

CONTACT PERSONS

Each Party will appoint a person to act as that Party's point of contact ("**Contact Person**") as the time for performance nears and will communicate that person's name and information to the other Party's Contact Person.

Customer Contact Person is authorized to approve materials and Services provided by Seller, and Seller may rely on the decisions and approvals made by the Customer Contact Person (except that Seller understands that Customer may require a different person to sign any Change Orders amending this SOW). The Customer Contact Person will manage all

communications with Seller, and when Services are performed at a Customer-Designated Location, the Customer Contact Person will be present or available. The Parties' Contact Persons shall be authorized to approve changes in personnel and associated rates for Services under this SOW.

CHANGE MANAGEMENT

This SOW may be modified or amended only in a writing signed by both Customer and Seller, generally in the form provided by Seller ("**Change Order**"). Services not specified in this SOW are considered out of scope and will be addressed with a separate SOW or Change Order.

In the event of a conflict between the terms and conditions set forth in a fully executed Change Order and those set forth in this SOW or a prior fully executed Change Order, the terms and conditions of the most recent fully executed Change Order shall prevail.

PROJECT SCHEDULING

Customer and Seller, who will jointly manage this project, will together develop timelines for an anticipated schedule ("**Anticipated Schedule**") based on Seller's project management methodology. Any dates, deadlines, timelines or schedules contained in the Anticipated Schedule, in this SOW or otherwise, are estimates only, and the Parties will not rely on them for purposes other than initial planning.

- The following scheduling scenarios that trigger delays and durations to extend beyond what's been planned may require a change order:
 - Site preparation, such as power, cabling, physical access, system access, hardware/software issues, etc. must be completed in a timely manner.
 - Project tasks delegated to customer PMs/Engineers/Techs/Management/Resources must be completed in a timely manner. For example, in the event a project's prioritization is demoted, and customer resources are reallocated causing the project's schedule to extend on account of experiencing interruptions to its momentum requiring complete stop(s) and start(s).
 - External projects/dependencies that may have significant impact on the timeline, schedule and deliverables. It is our assumption that every reasonable attempt will be made to mitigate such situations.

TOTAL FEES

The total fees due and payable under this SOW ("**Total Fees**") include both fees for Seller's performance of work ("**Services Fees**") and any other related costs and fees specified in the Expenses section ("**Expenses**").

Seller will invoice for Total Fees. Customer will pay invoices containing amounts authorized by this SOW in accordance with the terms of the Agreement. Unless otherwise specified, taxes will be invoiced but are not included in any numbers or calculations provided herein. Any objections to an invoice must be communicated to the Seller Contact Person within fifteen (15) days after receipt of the invoice.

SERVICES FEES

Services Fees hereunder are FIXED FEES, meaning that the amount invoiced for the Services will be \$54,280.00. The invoiced amount of Services Fees will equal the amount of fees applicable to each completed project milestone (see Table below).

Table – Services Fees

Milestone	Percentage	Fee
Signed SoW	30%	\$16,540.00
Completion of Work	70%	\$37,740.00
Totals	100%	\$54,280.00

EXPENSES

Neither travel time nor direct expenses will be billed for this project.

TRAVEL NOTICE

Two (2) weeks’ advance notice from Customer is required for any necessary travel by Seller personnel.

CUSTOMER-DESIGNATED LOCATIONS

Seller will provide Services benefiting the locations specified on the attached Exhibit (“**Customer-Designated Locations**”).

QUOTE CONFIRMATION



DEAR JEFF LARAMY,

Thank you for considering CDW•G for your computing needs. The details of your quote are below. [Click here](#) to convert your quote to an order.

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
MDLT463	5/26/2021	AV	2997854	\$67,844.00

IMPORTANT - PLEASE READ

Special Instructions: **Please note cabling is not included here - this can be discussed with the service provider.

QUOTE DETAILS				
ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
Christie SUHD983-P Secure Series - 98" LED display - 4K Mfg. Part#: 135-031105-01 Contract: Standard Pricing	2	5895219	\$11,047.00	\$22,094.00
Premier Mounts Universal Tilt Mount P5080T - mounting kit Mfg. Part#: P5080T UNSPSC: 31162313 Contract: Standard Pricing	2	1832803	\$132.82	\$265.64
AVer TR530 Pro AV Mfg. Part#: PAVPTR530 UNSPSC: 45121506 Contract: Standard Pricing	2	5676090	\$2,933.17	\$5,866.34
AVer PTZ330 Pro AV Mfg. Part#: PAVPTZ330 UNSPSC: 45121506 Contract: Standard Pricing	2	5676083	\$1,713.42	\$3,426.84
AVer ExtremeCap UVC BU110 - video interface converter - HDMI / USB Mfg. Part#: PTCVBU110 Contract: Standard Pricing	2	6137137	\$216.59	\$433.18
AVer camera mount Mfg. Part#: COMSVCMT Contract: Standard Pricing	4	5822680	\$89.35	\$357.40
Kramer VS-1616DN-EM 2x2 to 16x16 Modular 4K60 4:2:0 Multi-Format Managed Di Mfg. Part#: 28-70001430 UNSPSC: 43211604 Contract: Standard Pricing	1	5257189	\$4,008.72	\$4,008.72
Kramer UHD-IN2-F16/STANDALONE - expansion module Mfg. Part#: 20-70007798	2	5578540	\$911.92	\$1,823.84

QUOTE DETAILS (CONT.)				
UNSPSC: 43201404 Contract: Standard Pricing				
Kramer DTAxr-IN2-F16 HDMI over HDBaseT input module	3	5578542	\$1,062.37	\$3,187.11
Mfg. Part#: 20-70008798 UNSPSC: 45111801 Contract: Standard Pricing				
Kramer HDBT7-OUT2-F16 HDBaseT output module	4	5257161	\$811.64	\$3,246.56
Mfg. Part#: 20-70008298 UNSPSC: 45111801 Contract: Standard Pricing				
Kramer UHDA-OUT2-F16 HDMI output module	1	5257158	\$623.62	\$623.62
Mfg. Part#: 20-70007898 UNSPSC: 45111801 Contract: Standard Pricing				
Kramer BLP-F16 - blank panel	6	5257146	\$9.40	\$56.40
Mfg. Part#: 20-70000399 UNSPSC: 31162313 Contract: Standard Pricing				
Kramer PicoTOOLS PT-580T HDMI over Twisted Pair Transmitter - video/audio e	4	5257233	\$166.09	\$664.36
Mfg. Part#: 50-80231090 UNSPSC: 43201559 Contract: Standard Pricing				
Kramer DigiTOOLS TP-580R - video/audio/infrared/serial extender	8	3084312	\$178.62	\$1,428.96
Mfg. Part#: TP-580R UNSPSC: 43201559 Contract: Standard Pricing				
Kramer WP-580T(D) Active Wall Plate - HDMI over HDBaseT Twisted Pair Transm	2	5257225	\$196.17	\$392.34
Mfg. Part#: 50-800280095 UNSPSC: 43201559 Contract: Standard Pricing				
Kramer SL-280 32-Port Master Room Controller - central controller	1	5257204	\$1,031.17	\$1,031.17
Mfg. Part#: 30-80397010 UNSPSC: 46171619 Contract: Standard Pricing				
Kramer 7" S1 In-wall Touch Panel	2	5123923	\$936.69	\$1,873.38
Mfg. Part#: 30-001790 Contract: Standard Pricing				
Kramer PT-2UT/R-KIT - transmitter and receiver - audio/USB/serial extender	2	6292767	\$372.92	\$745.84
Mfg. Part#: 50-00015590 Contract: Standard Pricing				
Kramer VIA Connect PRO - presentation server	2	5257417	\$686.29	\$1,372.58
Mfg. Part#: 87-000690 UNSPSC: 45111801 Contract: Standard Pricing				
Kramer C-HM/HM Series C-HM/HM-15 - HDMI cable - 15 ft	5	5257561	\$15.67	\$78.35
Mfg. Part#: 97-0101015 UNSPSC: 26121604				

QUOTE DETAILS (CONT.)				
Contract: Standard Pricing				
<u>Shure MXWAPT8 - 8-channel access point transceiver for wireless microphone</u>	1	4840902	\$2,666.16	\$2,666.16
Mfg. Part#: MXWAPT8-Z10				
Contract: Standard Pricing				
<u>Shure Microflex Wireless MXWANI8 Dante audio input/output endpoint</u>	1	3419653	\$976.83	\$976.83
Mfg. Part#: MXWANI8				
UNSPSC: 45111801				
Contract: Standard Pricing				
<u>Shure MXW6/C Boundary Transmitter - transmitter for wireless microphone sys</u>	8	4838205	\$493.52	\$3,948.16
Mfg. Part#: MXW6/C-Z10				
UNSPSC: 52161523				
Contract: Standard Pricing				
<u>Shure MXWNCS8 charging stand - + AC power adapter</u>	1	3182979	\$1,389.81	\$1,389.81
Mfg. Part#: MXWNCS8				
UNSPSC: 39121006				
Contract: Standard Pricing				
<u>Shure SLXD124/85 - G58 Band - wireless microphone system</u>	2	6395193	\$793.04	\$1,586.08
Mfg. Part#: SLXD124/85-G58				
Contract: Standard Pricing				
<u>BSS Soundweb London BLU-101 audio signal processor</u>	1	5993885	\$2,389.70	\$2,389.70
Mfg. Part#: BSSBLU101M				
Contract: Standard Pricing				
<u>BSS Soundweb London BLU-USB USB to BLU link bridge</u>	2	5993897	\$188.05	\$376.10
Mfg. Part#: BSSBLU-USB-M-US				
Contract: Standard Pricing				
<u>Crown CDi DriveCore Series CDi 2300BL - power amplifier</u>	1	5832757	\$1,015.83	\$1,015.83
Mfg. Part#: NCDI2X300BL-U-US				
Contract: Standard Pricing				
<u>NEW ITEM</u>	1	NEW-ITEM	\$518.70	\$518.70
Mfg. Part#: NEW-ITEM				
Part: BLU-BOB-1				
8 Channel analog breakout box w.BLU link				
half rack				
Contract: Standard Pricing				

PURCHASER BILLING INFO		SUBTOTAL	\$67,844.00
Billing Address: LAKE COUNTY ACCOUNTS PAYABLE-IT 18 N COUNTY ST FL 8 WAUKEGAN, IL 60085-4304 Phone: (847) 377-2929 Payment Terms: Net 30 Days-Govt State/Local		SHIPPING	\$0.00
		SALES TAX	\$0.00
		GRAND TOTAL	\$67,844.00
		Please remit payments to: CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515	
DELIVER TO			
Shipping Address: LAKE COUNTY JEFF LARAMY 18 N COUNTY ST FL 8 WAUKEGAN, IL 60085-4304 Phone: (847) 377-2929 Shipping Method:			



CDWG Account Team - Jen and Meagan

(866) 245-8102

jennandmeagan@cdwg.com

LEASE OPTIONS

FMV TOTAL	FMV LEASE OPTION	BO TOTAL	BO LEASE OPTION
\$67,844.00	\$1,818.90/Month	\$67,844.00	\$2,101.13/Month

Monthly payment based on 36 month lease. Other terms and options are available. Contact your Account Manager for details. Payment quoted is subject to change.

Why finance?

- Lower Upfront Costs. Get the products you need without impacting cash flow. Preserve your working capital and existing credit line.
- Flexible Payment Terms. 100% financing with no money down, payment deferrals and payment schedules that match your company's business cycles.
- Predictable, Low Monthly Payments. Pay over time. Lease payments are fixed and can be tailored to your budget levels or revenue streams.
- Technology Refresh. Keep current technology with minimal financial impact or risk. Add-on or upgrade during the lease term and choose to return or purchase the equipment at end of lease.
- Bundle Costs. You can combine hardware, software, and services into a single transaction and pay for your software licenses over time! We know your challenges and understand the need for flexibility.

General Terms and Conditions:

This quote is not legally binding and is for discussion purposes only. The rates are estimate only and are based on a collection of industry data from numerous sources. All rates and financial quotes are subject to final review, approval, and documentation by our leasing partners. Payments above exclude all applicable taxes. Financing is subject to credit approval and review of final equipment and services configuration. Fair Market Value leases are structured with the assumption that the equipment has a residual value at the end of the lease term.

This quote is subject to CDW's Terms and Conditions of Sales and Service Projects at <http://www.cdwg.com/content/terms-conditions/product-sales.aspx>
For more information, contact a CDW account manager

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