

**PURCHASING DEPARTMENT**  
101 EAST 11<sup>th</sup> STREET, STE. G-13  
CHATTANOOGA, TENNESSEE 37402  
CITY HALL

**Request for Proposals for the City of Chattanooga, TN**

**Requisition No.:** RFP – 144429  
**Ordering Dept.:** Information Technology Department  
**Buyer:** Sharon Lea / slea@chattanooga.gov  
**Phone No.:** 423 643-7235  
**Fax No.:** 423 643-7244

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**Request for Proposals for Video Wall System**

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**\*\*\*REQUEST FOR PROPOSALS MUST BE RECEIVED\*\*\***

**NO LATER THAN**

**4:00 PM E.S.T. on Thursday, November 17, 2016**

**\*\*ALL QUESTIONS MUST BE SUBMITTED IN WRITING\*\***

**NO LATER THAN**

**4:00 PM E.S.T. on Friday, November 4, 2016**

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The City of Chattanooga reserves the right to reject any and/or all proposals, waive any informalities in the proposals received, and to accept any proposal which in its opinion may be for the best interest of the City.

The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color or national origin.

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The City of Chattanooga (COC) Terms and Conditions posted on Website are applicable:  
<http://www.chattanooga.gov/purchasing/standard-terms-and-conditions>

**NOTE: ALL PROPOSALS MUST BE SIGNED.**

All proposals received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Offeror acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.

**PLEASE PROVIDE US WITH THE FOLLOWING**

**Company Name:** \_\_\_\_\_  
**Mailing Address:** \_\_\_\_\_  
**City & Zip Code:** \_\_\_\_\_  
**Phone/Toll-Free No.:** \_\_\_\_\_  
**Fax No.:** \_\_\_\_\_  
**E-Mail Address:** \_\_\_\_\_  
**Contact Person:** \_\_\_\_\_  
**Signature:** \_\_\_\_\_

**City Of Chattanooga, Tennessee  
Department of Information Technology**



**Request for Proposal**

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**Video Wall System**

Implementation and installation of a video wall for CPD

## **SECTION I - GENERAL INFORMATION**

Introduction

Purpose of RFP

## **SECTION II – ADMINISTRATIVE AND CONTRACTUAL INFORMATION**

Introduction

Inquiries

Exceptions to RFP Specifications

Implied Requirements

Vendor-Supplied Materials

Issuing Office

Rejection of Proposals

Incurring Costs

Vendor Proposals

Economy of Preparation

Conditions of Agreement

## **SECTION III – RFP LIFE CYCLE**

Introduction

Response Date

Initial Screening

Oral Presentation

Product Demonstration

Final Evaluation

Proposal Acceptance

**Section IV – Requirements for the Proposed System**

Introduction

General Requirements

Vendor Information

Training

Technical Support Services

Cost Summary

Functional Requirements

Specific functional requirements include:

Technical Requirements

Telephony integration

**Appendix A**

Proposal Cost Summary Form

**Appendix B**

Affirmative Action Plan

Requirements for Insurance Coverage

**Affirmation and Signature**

## **SECTION I - GENERAL INFORMATION**

### **Introduction**

The purpose of this section is to define the scope of the project and describe this Request for Proposal (RFP).

### **Purpose of RFP**

This request solicits proposals to furnish the municipal government of Chattanooga, hereinafter referred to as "The City", with a Video Wall System solution, hereinafter referred to as "Video Wall". Specifications describing the functional and technical requirements of the Video Wall solution can be found in Section IV of this document. It is The City's intent to select the most suitable solution based on responses to this RFP.

This request solicits proposals covering five areas. The proposals should provide recommendations and service level agreement details (herein after referred to as "SLA") for each area:

- (1) Deployment Time and Upgrades
- (2) Redundancy
- (3) Flexibility and Customized Services
- (4) Security
- (5) Scalability
- (6) Cost benefits
- (7) Total cost

## **SECTION II – ADMINISTRATIVE AND CONTRACTUAL INFORMATION**

### **Introduction**

The purpose of this section is to identify the administrative requirements related to this RFP.

### **Inquiries**

Questions concerning this RFP may be sent by fax or e-mail to the attention of:

Sharon Lea, Procurement Analyst  
City of Chattanooga  
Purchasing Department  
101 E. 11th Street, Ste. G13  
Chattanooga, TN 37402  
Fax: (423) 643-7244  
Email: [slea@chattanooga.gov](mailto:slea@chattanooga.gov)

### **Exceptions to RFP Specifications**

This RFP is intended to describe The City's minimum requirements and response format in sufficient detail to secure comparable proposals. However, vendors are not precluded from submitting proposals that recommend a solution that differs from the provided specifications as long as the required response format is followed. Any exceptions to specifications should be clearly noted and will be considered as they apply to the overall interest of The City.

### **Implied Requirements**

All products and services not specifically mentioned in this RFP, but which are necessary to provide the full recommended solution described by the vendor, must be included in the proposal.

### **Vendor-Supplied Materials**

Any material submitted by a vendor shall become the property of The City unless otherwise requested at the time of submission. Any material considered confidential in nature must be so marked.

### **Issuing Office**

This RFP shall be governed by the laws of the State of Tennessee and is issued by the Purchasing Department for The City.

**Rejection of Proposals**

The City reserves the right to reject any and all proposals resulting from this RFP.

**Incurring Costs**

The City is not liable for any cost incurred by vendors prior to the issuance of a purchase agreement for the proposed Data Center solution and will not pay for information solicited or obtained.

**Vendor Proposals**

Vendors must submit a response to this RFP with a printed original response along with one additional copy and an electronic copy. The electronic format must be Google Docs, MS Word or PDF. The vendor proposal must follow the format as defined in Section II of this document.

**Economy of Preparation**

Proposals must be prepared simply and economically. They should provide a straightforward and concise description of the Video Wall solution proposed. Colorful bindings, displays, promotional materials, etc. are not desired. Emphasis should be placed on clarity and content. Lengthy proposals may be viewed as attempts to obfuscate issues and may be rejected.

**Conditions of Agreement**

The successful vendor will be expected to enter into contract negotiations with The City that will result in a formal purchase agreement between the parties.

## **SECTION III – RFP LIFECYCLE**

### **Introduction**

The purpose of this section is to inform prospective vendors of the process that will take place as a result of this RFP. The information contained herein discloses all details about dates, times, and places as they pertain to this RFP.

### **Response Date**

Sealed proposals to be considered must arrive at the issuing office on or before the time and date referred to on the cover sheet of this document.

### **Initial Screening**

The initial screening of submitted proposals will occur as soon as practical following the opening. The initial screening process will involve evaluating all proposals for completeness, clarity, and conformity to all RFP requirements. Proposals not meeting minimum requirements will not receive further consideration.

### **Oral Presentation**

Vendors submitting a proposal that passes initial screening may be invited to make an oral presentation of their proposal to The City. Invitations will be given solely at the initiative of The City for such purposes as The City deems necessary. Such presentations provide an opportunity for the vendor to clarify their proposal and ensure that a thorough, mutual understanding exists. Oral presentations are not mandatory. These presentations may be conducted in person, by WebEx or teleconference.

### **Product Demonstration**

Vendors may be requested by The City to demonstrate the Video Wall solution they are proposing. Demonstrations will be conducted in the most economical manner possible.

## **Final Evaluation**

After all requested oral presentations and product demonstrations have been completed, the final evaluation will begin. In the final evaluation, the proposals submitted by the vendors will be reviewed and a recommendation will be made by an evaluation committee for the proposal that is considered to best satisfy The City's requirements.

Evaluation is based on the following criteria:

Project Approach

Technical Quality

Qualifications

Price Proposal

Any recommendation by the evaluation team or staff members is subject to review and concurrence or nonconcurrence by the Mayor's Office. The Mayor's Office will then make a recommendation to Chattanooga City Council who will make the final decision based upon whatever factors it considers pertinent.

## **Proposal Acceptance**

After the final evaluation, the chosen vendor(s) will be notified and contract discussion and negotiation between The City and the selected vendor(s) will begin. The content of this RFP and the successful vendor's proposal will become an integral part of the contract, but may be modified by provision of the contract. Vendors are requested to submit current contract forms with their proposal for review by The City.

## **Section IV – Requirements for the Proposed System**

### **Introduction**

The City of Chattanooga Department of IT is seeking qualified bidders to provide a video wall system for the City Police Department Real Time Crime Intelligence Center in Chattanooga, TN. This is a new division that is responsible for monitoring traffic, criminal activity and providing analysis to detectives and patrol officers. The video wall system will be used by operations staff to display video from cameras located throughout the City, national and local news channels, analytics, security video and weather alerts.

### **General Requirements**

The successful bidder shall furnish design, procurement of equipment, installation, integration, documentation, testing, training, equipment, materials, parts, licenses, permits, supplies, maintenance/warranty services and incidentals necessary to construct and maintain the Video Wall System.

The proposed design for all facets of the video wall construction and installation shall be submitted to the City of Chattanooga Department of IT, for review and approval. Video wall design shall be fully configurable to allow for future functionality.

The vendor may propose additional features and options to be considered. The sequence in which the following items appear in this document does not represent any priority of importance for this proposal. The City requests that prospective vendors use these specifications to develop proposals within the guidelines set forth in Section II.

### **Vendor Information**

Prospective vendors should provide the following information pertaining to their organization and this project:

- Size of the organization
- Public financial records from the past two years
- Client list including those using products recommended by the prospective vendor
- Number of years in business providing similar services

- Number of service and support personnel in the organization
- Frequency of software updates (if applicable)
- A reference list including clients who have used the vendor's services
- A list of all government clients who have used the vendor's services
- A firm timeline for implementation
- A project start date commitment
- A resource availability date commitment
- Complete references for the prospective vendor's Project Manager for this project
- A required roles list for initial implementation and for future sustainability.
- A sample project plan
- Detailed information on prospective vendor's "discovery" methodology

Prospective vendors, regardless of previous experience with Video Wall solutions, should demonstrate a thorough knowledge of the differences associated with municipal government implementations as opposed to those of the private sector with regard to security, open records, data availability and public safety considerations.

Prospective vendors should understand that adherence to all vendor-proposed dates and timelines will become part of said vendor's contractual obligation should their proposal be selected by The City for its Video Wall solution.

### **Training**

Proposals must include all training plans and costs. Training must be provided for each city role required for implementation and for future sustainability of the proposed Video Wall solution. The vendor is expected to be familiar with any software and services recommended in the proposal.

### **Technical Support Services**

Proposals must provide all costs associated with supporting the proposed solution.

### **Cost Summary**

Vendor must supply a line item detail to support Proposal Cost Summary in Appendix A.

## Functional Requirements

The video wall shall be made up of OLED or LED flat panels fitting on a minimum total dimension of 4'-6" high by 36' wide (e.g.: 4 by 5 array of 55" LEDs) with a frameless or minimal border width (no more than ½ inch total width between visible areas) mounted on an existing wall.

The video wall system shall be rated for 24/7/365 operations for 50,000 hours.

The video wall system shall have an active solution for image persistence and/or image staining.

The video wall system shall be capable of dynamically balancing color and brightness between all the display units.

The video wall system shall display computer signals minimum 1080p up to 4k, plus Standard Definition (SD) and High Definition (HD) video (at least 1080p).

The video wall shall be controlled from operator consoles, mobile devices, or remote desktops on the network. Scalable "windows" should be adjustable by mouse, and keyboard entry.

The video wall display shall be configured for easily accessible front access for maintenance and troubleshooting. If one or more components are turned off (for troubleshooting or maintenance) the remaining displays of the video wall should continue to operate.

The video wall shall have its own cooling/ventilation system, if the existing system is not sufficient.

The video wall server components, peripheral devices to run the system will be housed in the nearest network closet with available space.

The overall system shall interface with existing software and BI tools.

## Technical Requirements

Furnish commercial grade LCD flat panel displays that meet or exceed the following requirements:

Rated Lifespan	50,000 hours of greater
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Native Aspect Ratio	16:9
Screen Size	55 inches diagonal (minimum)
Bezel Size	3.5mm to 5.8mm (or less)
Minimum Refresh Rate	60 Hz
Response Time	12 ms
Backlight Type	Direct LED
Viewing Angle	178 degrees horizontal/vertical
Display colors	1.06 billion
Contrast Ratio	1400:1 (full field)
Brightness	500 candelas per square meter
Maximum Weight	90 pounds
Digital Signal inputs	Display Port or HDMI or DVI or HDBaseT or SDI or Fiber Optic
Power	100-240VAC @ 50/60 Hz
Power Consumption	210 W (max), 120-170 W (typical), 0.5 W (standby)
Surge Suppression	Provide surge protection/suppression for each display

### Structure Requirements

The bidder shall prepare and submit structural design plans and calculations (i.e. weight, airflow, tc.) to mount on an existing wall. Design should include scissor/articulating mounts for each video screen.

Bidders are responsible for measuring the actual dimensions prior to designing the installation. No modifications may be made to existing doorways, walls, ducts, floors, and ceilings. The structure shall allow horizontal and vertical adjustments to be made to level the video wall.

Raised Floor	6 -12 inches (installed by City)
Sill Height	3 feet minimum
Display Height	4 feet 6 inches (4 panels high) minimum, 7 feet maximum
System Depth	To be determined by structure manufacturer
Length	36 feet minimum

**Communication Cabling & Infrastructure**

The successful bidder shall be responsible for furnishing, installing and integrating all communication cables necessary for complete functionality of the video wall system.

All cabling shall be concealed below the raised floor, behind panels and walls, and inside console cabinets. Communication cabling installed below the raised floor shall be in the cabling tray runs provided or new cabling trays furnished and installed by the bidder.

For cable runs that transmit video and require extenders, the Bidder shall use fiber optic extenders and fiber optic patch cables to connect inputs and outputs to the processor.

**Electrical**

The Bidder shall be responsible for performing all electrical work related to the installation of the video wall system. Reviews shall be conducted by the successful Bidder prior to installation to examine the breaker panels available for the video wall system. Electrical plans shall be submitted for review and approval by the City of Chattanooga. The successful Bidder shall contact Building Codes for required permits.

**Software Licenses**

Provide all software licenses, license agreement terms and fees as well as any fees required for the processor. The cost of all software, including licenses, should be included in the cost proposal.

**Appendix A**

**Proposal Cost Summary Form**

The undersigned, being familiar with the requirements of The City of Chattanooga Request for Proposal for a Video Wall System Solution, proposes to furnish products and services to The City in accordance with that request.

The summary below reflects projected cost for The City for the Video Wall System Solution. Supporting detail must be attached describing hourly rates, projected expenses, software and hardware expenses, annual support and maintenance, discounts along with any other detail that will lead to a clear understanding of the proposal.

Item	Cost
Software Licensing/Subscriptions	
Consulting Services	
Technical Support Services	
Training Services	
Annual Maintenance and Support	
Other Costs (Describe)	
Total	

## Appendix B

### Affirmative Action Plan

#### Affirmative Action Plan

For

(Invitation or RFP No. \_\_\_\_\_)

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(Name of Contractor)

The above named Contractor is an equal opportunity employer and during the performance of this contract, the Contractor agrees to abide by the Affirmative Action Plan of the City of Chattanooga as follows:

The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay, or other forms of compensation, and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin, or handicap.

The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

During the term of this contract the following non-discriminatory hiring practices shall be employed to provide employment opportunities for minorities and women:

All help wanted ads placed in newspapers or other publications shall contain the phrase "Equal Employment Opportunity Employer".

Seek and maintain contracts with minority groups and human relations organizations as available.

Encourage present employees to refer qualified minority group and female applicants for employment opportunities.

Use only recruitment sources which state in writing that they practice equal opportunity. Advise all recruitment sources that qualified minority group members and women will be sought for consideration for all positions when vacancies occur.

Minority statistics are subject to audit by City of Chattanooga staff or other governmental agency.

The Contractor agrees to notify the City of Chattanooga of any claim or investigation by State or Federal agencies as to discrimination.

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(Signature of Contractor)

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(Title and Name of Construction Company)

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(Date)

## Requirements for Insurance Coverage

The Contractor shall not commence work under these Contract Documents until he has obtained all insurance required herein nor shall the Contractor allow any Subcontractor to commence work on his subcontract until similar insurance required of the Subcontractor has been obtained by the Subcontractor. Insurance shall be placed by the Contractor with one or more insurance carriers licensed to do business in the State of Tennessee. Each insurance policy shall be renewed ten (10) days before the expiration date of the policy.

Certificates of insurance shall be filed with the City prior to commencement of the work. These certificates shall contain a provision that coverages afforded under the policies will not be changed or canceled unless at least fifteen (15) days' written notice has been given to the city. The Contract shall not be binding upon the city until the insurance coverage required herein has been obtained and certificates have been filed with the City.

Adequate insurance coverage shall be maintained by the Contractor at all times. Failure to maintain adequate coverage shall not relieve the Contractor of any responsibilities or obligations under these Contract Documents. In the event any insurance coverage is canceled or allowed to lapse, the Contractor will not be permitted to prosecute the work until adequate and satisfactory insurance has been obtained and certificates of insurance furnished to the City. Failure to keep insurance policies in effect will not be cause for any claims for extension of time under these Contract Documents.

All such policies shall be subject to approval by the City Attorney. Should the City Attorney at any time in his sole discretion determine that the insurance policies and certificate provided may not be sufficient to protect the interests of the City because of the insolvency of the insurance company or otherwise, the Contractor shall replace such policies with policies meeting his approval.

The Contractor shall procure and maintain at his own expense, during the Contract Time, insurance as hereinafter specified:

Workmen's Compensation Insurance that shall protect the Contractor against all claims under applicable state workmen's compensation laws shall be maintained. The Contractor shall also be

protected against claims for injury, disease or death of employees which, for any reason, may not fall within the provisions of a workmen's compensation law. This policy shall also include an endorsement providing coverage in all states in which work is performed. The Contractor shall require all the Subcontractors to provide similar Workmen's Compensation Insurance for all the Subcontractors' employees on the work unless such employees are covered by the protection afforded by the Contractor. The liability limits shall not be less than that required by statute.

General Public Liability and Property Damage Insurance that shall be written in comprehensive form and shall protect the Contractor against all claims arising from injuries including death, to members of the public or damage to property of others arising out of any act or omission of the Contractor or his agents, employees, or Subcontractors. In addition, this policy shall specifically insure the contractual liability assumed by the successful bidder to defend and indemnify the City of Chattanooga against such claims or suits.

To the extent that the work may require blasting, explosive conditions or underground operation, the comprehensive general public liability and property damage coverage shall contain no exclusion relative to blasting, explosion, collapse of buildings, or damage to underground property.

The comprehensive general public liability and property damage coverage shall also protect the Contractor against all claims resulting from damage to: Private driveways, walks, shrubbery and plantings; Public utility facilities; and U.S. Government monuments.

The liability limits shall not be less than:

Bodily Injury	\$ 500,000 each person \$1,000,000 each occurrence
Property Damage	\$ 250,000 each occurrence \$ 500,000 aggregate

The general public liability and property damage insurance shall carry an endorsement in form satisfactory to the City to the effect that the Contractor shall save harmless the City from any claims and damage whatsoever, including patent infringement. General public liability and property damage

insurance shall be kept in force at all times during the course of the work until such time as the work covered by these Contract Documents has been completed and accepted by the City.

Comprehensive Motor Vehicle Liability and Property Damage Insurance that shall be written in comprehensive form and shall protect the Contractor against all claims for injuries to members of the public and damage to property of others arising from the use of motor vehicles, and shall cover operation on or off the site of all motor vehicles licensed for highway use, whether they are owned, non-owned, or hired.

The liability limits shall not be less than:

Bodily Injury	\$ 250,000 each person
	\$ 500,000 each occurrence
Property Damage	\$ 100,000 each occurrence

Chapter No. 817 (HB0261/SB0377). "Iran Divestment Act" enacted.

Vendor Disclosure and Acknowledgement

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to § 12-12-106.

(SIGNED) \_\_\_\_\_

(PRINTED NAME) \_\_\_\_\_

(BUSINESS NAME) \_\_\_\_\_

(DATE) \_\_\_\_\_

**Affirmation and Signature**

In submitting this proposal, I understand that The City reserves the right to reject any and all proposals.

The undersigned further agrees that this proposal is made in good faith and is not founded on, or in consequence of, any collusion, agreement or understanding between his or herself or any other interested party.

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Business Name	Mailing Address
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Business Phone Number	Fax/other Number
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Printed name of first signatory	Title
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Signature	Date
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Printed name of second signatory	Title
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Signature	Date
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