Worcester Regional Transit Authority

Request for Proposals (RFP) # 2027-04

FOR

Camera System and Associated Infrastructure Upgrades

PROPOSALS DUE: January 5. 2027

2:00 p.m., EST

Joshua Rickman, Administrator
Worcester Regional Transit Authority
60 Foster Street
Worcester, MA 01608

CONTACT:
John Bianchi, Grants and Procurement Manager
(508) 453-3442
jbianchi@therta.com

Issued: November 23, 2026

TABLE OF CONTENTS

Section	Section Title		Page(s)
1.	Introduction		4
2.	Instructions to Proposers		4
	2.1	RFP Schedule	4
	2.2	Proposal Preparation & Submission	4
	2.3	Proposer-Prepared Documents	5
	2.4	Submittal Contents, Location, & Deadline	6
	2.5	Withdrawal of Submittal	7
	2.6	Submittal Stipulations	7
	2.7	Failure to Perform	9
	2.8	Pre-Proposal Meeting	9
	2.9	Questions / Clarifications	9
	2.10	Bid Bond	9
	2.11	Performance Bond	10
	2.12	Multiple Proposals	10
	2.13	Updates and Addenda	10
	2.14	Point of Contact	10
	2.15	Interpretation	10
	2.16	Proprietary Information	10
	2.17	Exceptions and/or Deviations	10
3.	Evaluation		11
	3.1	Responsiveness	11
	3.2	Evaluation Criteria	11
	3.3	Interviews	11
	3.4	Final Evaluation	11
	3.5	Pre-Award Deliverables	12
4.	Contract Award		12
5.	Scope of Work		12
	5.1	Existing Conditions	12
	5.2	Project Overview	13
	5.3	Project Timeline	13
	5.4	Current Field Devices	13
	5.5	Video Management System	14
	5.6	Training	15
	5.7	Annual Inspection and Maintenance	15
	5.8	Spare Equipment and Replacement Inventory	16

TABLE OF CONTENTS

Section	Section Title		Page(s)
	5.9	On-Call Services	17
	5.10	Service Response	18
	5.11	"Or Equal" Specifications	18
6.	Standard Terms and Conditions		18
	6.1	Invoicing	18
	6.2	Controlling Law	18
	6.3	Taxes, Charges, and Extras	19
	6.4	Alterations or Variations of Terms	19
	6.5	Assignability	19
	6.6	Compliance with Statute	19
	6.7	Insurance Requirements	19
	6.8	Warranty	20
	6.9	Federal Contract Clauses	20
	6.10	Davis-Bacon	20
	6.11	Rights and Remedies of WRTA for Default	20
	6.12	Severability	21
	6.13	Limitation on Funding	21
	6.14	Evaluation Results	21
	6.15	Disadvantaged Business Enterprise	21
	6.16	Bid Protest Procedures	22
	Exhibits		
	EXHIBIT A	Prospective Proposer Fact Sheet	23
	EXHIBIT B	Non-Collusion Declaration	24
	EXHIBIT C	Certification as to Payment of State Taxes	25
	EXHIBIT D	Customer References	26
	EXHIBIT E	Government-Wide Debarment / Suspension	27
	EXHIBIT F	Lobbying Certification	29
	EXHIBIT G	Buy America Certification	31
	EXHIBIT H	Federal Contract Clauses	33
	EXHIBIT I	Protest Procedures	45
	EXHIBIT J	Existing Equipment	48
	EXHIBIT K	Cost Proposal	55
	EXHIBIT L	Agreement for Services	56
	EXHIBIT M	Field of View	57

SECTION 1. INTRODUCTION

The Worcester Regional Transit Authority (WRTA) is a regional transit system that services the City of Worcester and 36 surrounding communities in Central Massachusetts with a fleet of 54 buses which includes diesel-electric hybrid and clean diesel buses. The second largest regional transit authority in Massachusetts, WRTA offers reliable, comfortable, and safe transportation for traveling to work, shopping, school, medical appointments, and leisure activities. Paratransit services are also provided to seniors aged 60 and over and individuals with disabilities.

The Central Hub is located at 60 Foster Street adjacent to Union Station in downtown Worcester was constructed in 2013. It is the home of WRTA Administrative offices, a customer service call center and indoor lobby. The adjacent bus bay and waiting area has eight bus slips, seating for passengers, and real-time updates on when buses will arrive. Both the Hub and Union Station provide connections between WRTA fixed route and paratransit service, as well as the various modes of transportation in the area, including MBTA commuter rail, intercity bus, taxi service, and Amtrak.
WRTA has evolved over the decades to become a critical component of the transportation network in Central Massachusetts. With a commitment to innovation, sustainability, and community engagement, WRTA continues to serve as a lifeline for thousands of riders, supporting the region's growth and prosperity.

WRTA intends to issue a single contract to the successful highest ranked proposer. The initial contract term will be 5 years with (2) 2-year options to renew for a maximum possible contract of nine years.

SECTION 2. INSTRUCTIONS TO PROPOSERS

2.1 RFP Schedule

The following is an anticipated RFP engagement schedule. The WRTA may change the estimated dates and process as deemed necessary. Please note EST is Eastern Standard Time and est. is estimated.

The proposed schedule for submittal, reviews, and notification is as follows:

Activity	Date
Release & Advertise RFP	11/23/2026
Pre-Proposal Meeting	12/4/2026 @ 1pm
Deadline for submission of Questions	12/11/2026 @ 5pm EST
Response to Questions	12/18/2026 (estimated)
Deadline for Issuance of Updates and Addenda	12/18/2026 (estimated)
Proposals Due	1/5/2027 by 2pm est.
Short-listed Vendor Interviews (if necessary)	Week of 1/10/2027
Issue Best and Final Offer (BAFO) request(s)	Week of 1/10/2027
BAFO Responses Received	Week of 1/17/2027
Approximate Conditional Award Date	Week of 1/24/2027

2.2 Proposal Preparation & Submission

- Offeror Information – Proposal shall include the fully completed *Prospective Proposer Fact Sheet* form included in Exhibit A of this RFP.

- Non-Collusion Declaration – Proposal shall include the fully completed and signed *Non-Collusion Declaration* included in Exhibit B of this RFP.

- Certification as to Payment of State Taxes – Proposal shall include the fully completed and signed *Certification as to Payment of State Taxes* included in Exhibit C of this RFP.

- Customer References – Proposal shall include the *Customer References* form included in Exhibit D of this RFP. **Please be certain to list contact names and phone numbers that are accurate and current.**

- Government-Wide Debarment and Suspension Certification – Proposal shall include the fully completed and signed *Government-Wide Debarment and Suspension Certification* form included in Exhibit E of this RFP.

- Lobbying Certification – Proposal shall include the fully completed and signed *Lobbying Certification* included in Exhibit F of this RFP.

- Buy America Certification – Proposal shall include the fully completed and signed *Buy America Certification* included in Exhibit G of this RFP.

- Cost Proposal – Proposal shall include the fully completed *Cost Proposal* form included as Exhibit K

2.3 Proposer-Prepared Documents

To facilitate the WRTA's objective review of the proposals from different Firms, the Firms are requested to organize the document using a standardized format. Each RFP response should contain the following:

Statement of Qualifications – A submittal indicating the capability of the offeror to perform the attached *Scope of Work* is required. It shall include the information and be formatted as follows:

- Cover Letter. Letter on company letterhead shall be signed by an officer authorized to bind the offeror contractually and shall address the below matters.
    - Proposer's interest and willingness to enter into a contract with WRTA to perform the work as described in the *Scope of Work*; and proposer's commitment to the effect that it would exert its "best efforts" in fulfilling its responsibilities therein.
    - Proposer's ability and willingness to obtain insurance meeting the requirements indicated in section 6.7 of this document.
    - Statement indicating that proposals shall be valid for a 90-day period, commencing from the RFP due date and shall include the name, title, address,

email, and telephone number of the individual to whom correspondence and other contact should be directed to during the selection process.

- Firm Background. Proposer shall provide, at a minimum, the following information about the prime consultant or any subcontract firm or individuals on the team:
    - Firm name and business addresses, contact(s), including phone number and e-mail address;
    - Subconsultant firm(s) name and business addresses, contact(s), including phone number, and e-mail address;
    - Individual consultant name and business address, phone number, and e-mail address;
    - Year firm(s) was established (including former names and year established, if applicable); and
    - Firm type/ownership and parent company, if applicable;
    - Location of office from which work will be provided.

- Executive Summary. Proposer shall include a description of the hardware, software, system capabilities, and experience and capabilities of Firm.

- Proposer Experience. Proposer shall discuss its experience record including a list of properties where similar systems that is being proposed has been installed by the proposer within the past **three (3) years**. The list must include the name, address, phone number, and email of the contract officer of the awarding entity.

- Technical information including a description of system capabilities and detailed specifications for the equipment being proposed.

- Any exceptions or deviations from the project requirements or specifications must be clearly indicated.

- A proposed project work plan including proposed schedule from notice to proceed for delivery, installation, system training, and testing.

- The required certifications and Federal Contract Clauses

Cost Proposal – Proposers must complete and submit the Cost Proposal Form, attached to this RFP as Exhibit K, Appendix A. A Proposer's failure to submit a Cost Proposal form may result in rejection of the proposal as non-responsive.

2.4 Submittal Contents, Location, & Deadline

Contents: One (1) original, and three (3) physical copies of the proposal must be submitted in hard copy, and one (1) version of the proposal must be submitted in electronic format (Google Drive or Dropbox) in Adobe PDF to:

Worcester Regional Transit Authority

60 Foster Street
Worcester, MA 01608
Attention: John Bianchi, Manager of Grants and Procurements
Electronic Submission: email to: jbianchi@therta.com

Proposal must be sealed and clearly marked on the outside as follows: "**RFP) # 2027-04 Camera System and Associated Infrastructure Upgrades"**

Deadline - Proposals shall be submitted no later than **2:00 PM Eastern Standard Time (EST) on January 5, 2027**. Proposals received after the date and time specified above will not be considered and will be returned to the submitter unopened. There will no public opening of submittals at the deadline or otherwise.

2.5 Withdrawal of Submittal

A proposer may withdraw a submittal any time prior to the submittal deadline by a submitting written request executed by the proposer's authorized representative. Any such withdrawal does no prejudice the right to resubmit a submittal by the deadline.

2.6 Submittal Stipulations

Submittals submitted as a result of this solicitation become property of WRTA. WRTA will not pay any costs incurred by an offeror resulting from preparation or delivery of its submittal. Submittals will remain valid for 90 calendar days following submittal due date. WRTA reserves the following rights and will exercise such rights if it is in WRTA's best interest to do so:

- The WRTA reserves the unqualified right, in its sole and absolute discretion, to undertake discussions with one or more Proposers or any third party, to waive any irregularities, to waive defects or noncompliance in the filing or contents of any Submission, and to proceed with that Submission, or elements of one or more Submissions, if any, which in its sole judgment will, under the circumstances, best serve the WRTA's interest.

- The WRTA reserves the unqualified right to amend the terms of this RFP at any time, and to solicit and accept modifications to any Submission at any time when it is in the best interest of the WRTA to do so.

- The WRTA reserves the unqualified right, in its sole and absolute discretion, to choose or reject any Submission received in response to this RFP, either on the basis of an evaluation of the factors listed in this RFP or for other reasons, whether or not any Submission offers the highest monetary compensation to the WRTA or any other public entity.
- The WRTA reserves the unqualified right, in its sole and absolute discretion, to reject any and all Submissions or to suspend or abandon this RFP process at any time, with no recourse for any Proposer.

- The information contained in this RFP and in any subsequent addenda or related documents is provided as general information only. The WRTA makes no

representations, warranties, or guarantees that the information contained herein is accurate or complete. The furnishing of such information by the WRTA shall not create or be deemed to create any obligation or liability upon it for any reasons whatsoever, and each recipient of the RFP, by presenting a submission to the WRTA, expressly agrees that it has not relied upon the foregoing information, and that it shall not hold the WRTA, or any third party who advised or prepared a report for the WRTA, liable or responsible therefore in any manner whatsoever.

- The WRTA may, at any time, request further information from any Proposer, interview any Proposers to more fully understand their responses to this RFP, and require any Proposer to arrange a site visit for its Evaluation Committee.

- The WRTA reserves the right, in its sole discretion, to develop the project on any schedule and use any chosen approach.

- Neither the expression of any Proposer's interest, nor the submission of any Proposer's qualifications and any documents or other information, nor the acceptance thereof by the WRTA, nor any correspondence, discussions, meetings or other communications between an Proposer and the WRTA, nor a determination by the WRTA that the Proposer is qualified hereunder, shall: (i) impose any obligation on the WRTA to include the Proposer in any such further procedures which the WRTA may utilize prior to the final selection of a Proposer, (ii) be deemed to impose any obligation whatsoever on the WRTA to select the Proposer, or to enter into negotiations with the Proposer, or (iii) entitle the Proposer's to any compensation or reimbursement for any costs or expenses incurred by the Proposer in connection with the Proposer's submission hereunder. No costs of responding to the RFP or any addenda thereto, nor of the attending any subsequent interviews or meetings in connection with this development opportunity, shall be reimbursed by the WRTA.

- The WRTA may consult with individuals familiar with each Proposer regarding the Proposer's prior operations and development or management projects, financial plan, past performance, experience and qualifications, or other matters, whether or not the specific individuals are identified in the RFP response. Submission of a Proposal in response to this RFP shall constitute permission for the WRTA to make such inquiries, and authorization to third parties to respond thereto.

- The individual responses to this RFP, including all drawings, plans, photos and narrative material shall become the property of the WRTA upon their receipt thereof. The WRTA will maintain the confidentiality of any material that is provided in response to this RFP and clearly marked "Confidential", to the maximum extent possible, in a manner consistent with applicable law. Given the liberal nature of the Commonwealth's public records law, Proposers should nevertheless be aware that any information given to the WRTA in response to this RFP or any correspondence, discussion, meeting, or other communication between the Proposer and the WRTA before, with, or after the submission of the response, either orally or in writing, may not be, or may not be deemed to have been, proprietary or confidential.

- Neither the members of the WRTA nor any individual member, nor any officer, agent, or employee thereof shall be charged personally by a Proposer or any third party with any liability or held liable to it under neither any term or provision of this RFP nor any statement made herein.

- The WRTA reserves the unqualified right, in its sole and absolute discretion, to disqualify any team, firm, or individual form any phase or component of the selection processor this development opportunity, due to: (1) felonious or other criminal record in any jurisdiction (domestic or foreign); (2) a determination by the WRTA that the Proposer has failed to disclose any matter that materially relates to the fitness or ability of the Proposer to perform the work and services associated with this development opportunity, or a conflict of interest; or (3) a determination that such disqualification would serve the public interest.

- The WRTA reserves the unqualified right to: (1) disqualify any prospective Proposer or reject any response at any time solely on the grounds that a real or perceived legal or policy conflict of interest is presented; (2) require any prospective Proposer to take any action or supply any information necessary to remove the conflict, including without limitation, obtaining an opinion from the State Ethics Commission; or (3) terminate any contract arising out of this RFP if, in the opinion of the WRTA, any such relationship would constitute or have the potential to create a real or perceived conflict of interest.

- The WRTA reserves the unqualified right, in its sole and absolute discretion, to reject any subcontractor or individual working on a consultant team and to replace the sub-consultant or individual with a mutually acceptable replacement.

- The WRTA reserves the unqualified right, in its sole and absolute discretion, to retain more than one firm and assign work based on needs of a particular project and the experience and qualifications of the firm.

2.7 Failure to Perform

WRTA may remove from mailing lists for future IFB's/RFQ's/RFP's, for an undermined period of time, the name of any offeror for failure to accept a contract and/or unsatisfactory performance.

2.8 Pre-Proposal Meeting

A pre-proposal meeting will be held at the WRTA Central Hub, 60 Foster St, Worcester, MA 01610 on 12/4/2026 @ 1pm. All potential respondents to this RFP are encouraged to attend.

2.9 Questions / Clarifications

Questions or clarifications must be received by the WRTA in writing no later than December 11, 2026 at 5:00 PM. Email to John Bianchi jbianchi@therta.com is the preferred method.

2.10 Bid Bond

A Bid Bond is not required for this RFP.

2.11 Performance Bond

A Performance Bond is not required for this RFP.

2.12 Multiple Proposals

Only one proposal will be accepted from any one person, partnership, corporation or other entity.

2.13 Updates and Addenda

No one is authorized to amend any of these documents in any respect by an oral statement or to make any representation or interpretation in conflict with their provisions. Any changes to these documents will be issued in writing via Addendum by John Bianchi or his designee.

Proposers shall be responsible for continually checking the WRTA's website at www.therta.com for the most current information regarding this RFP. Current information may be in the form of an update or formal addendum. Updates and/or addenda will be posted on the above-mentioned website by December 18, 2026 at 5:00 p.m. EST.

2.14 Point of Contact

All questions regarding this RFP shall be directed in writing to John Bianchi who may be reached by email at jbianchi@therta.com. No other individual has the authority to respond to any questions submitted unless specifically authorized by John Bianchi. Failure to adhere to this process may disqualify the proposer.

2.15 Interpretation

Should any discrepancies or omissions be found in the RFP specifications / requirements, or doubt as to their meaning, the proposer shall notify the WRTA in writing at once (email is acceptable). The WRTA will post updates or addenda on its website (www.therta.com). The WRTA shall not be responsible for oral interpretations. All addenda issued shall be incorporated in the Contract.

2.16 Proprietary Information

All information appearing within the bid is subject to public inspection. Any proprietary information must be clearly marked as such and submitted in a separate sealed envelope. Reference sealed envelope within the body of the bid.

2.17 Exceptions and / or Deviations

No exceptions to or deviations from this specification will be considered, unless each exception or deviation is specifically stated by the proposer as an exception on the request form and accompanied by a detailed statement completely defining the exception and / or deviation. The manufacturer's name, product name or trade name, and catalog or part number must be shown on the RFP in the designated places; however, that information is not sufficient evidence that the proposer is making an exception. If no exception or deviation is shown, the offeror will be required to furnish the equipment exactly as specified herein. The burden of proof of compliance with this specification will be the responsibility of the offeror. The WRTA reserves the right to reject, as unresponsive, any bid not containing all information requested by the WRTA.

SECTION 3. EVALUATION

3.1 Responsiveness

WRTA shall examine the submittals for the purpose of ascertaining its completeness and responsiveness to the requirements of this solicitation. Such process may involve requesting additional or clarifying information from the proposer. Submittals that do not contain all required material, information, or forms; or where such materials, information, or forms are substantially incomplete, may be determined as non-responsive and rejected by WRTA. In such cases, WRTA shall notify the proposer in writing of its rejection and the basis thereof.

3.2 Evaluation Criteria

The evaluation of proposals will be based on the technical, management and cost evaluation criteria (listed in their order of importance) shown in the table below.

Evaluation Criteria	Factors Considered	Suggested Weight
Submission of comprehensive solution that meets all stated WRTA goals and provides the most value to the WRTA	• Recommended equipment • Best effective and cost efficient solution • Installation plan	30%
Ability and approach to meet schedule	• Proposed project management plan and project schedule	20%
Price	• Total project cost	20%
Warranty, regular maintenance and service calls	• Length of warranty on equipment and installation • Maintenance plan offered • Response time quote for any outage • Maintaining stock of replacement equipment	15%
Past performance, reputation and at least three (3) client references	• Positive performance of similar projects	15%

3.3 Interviews

As part of the evaluation process, WRTA may conduct interviews with the highest ranked proposer(s)within a competitive range (whichever is applicable). Such interviews are for information gathering and clarification for the Evaluation Committee. WRTA may conduct interviews in person or by Zoom. Any proposer requested to be interviewed shall make its best effort to be available during the interview dates listed in this solicitation. WRTA reserves the right to award a contract without interviews and/or negotiations if deemed unnecessary to determine the most qualified, responsible proposer.

3.4 Final Evaluation

If WRTA chooses to conduct interviews, the Evaluation Committee will conduct a final round of scoring that takes into consideration information gleaned from interviews. Based upon the final scores, WRTA will determine the highest ranked proposer.

3.5 Pre-Award Deliverables

Upon determination of the highest ranked proposer and prior to consideration of contract award, WRTA will request the following from the proposer:

- Insurance Certificate – A certificate of insurance showing the coverage types and dollar limits stipulated in Section 6.7 – Insurance Requirement of this RFP
- System for Award Management – A .pdf copy showing the proposer is registered and active from the U.S. government's System for Award Management (SAM).

SECTION 4 CONTRACT AWARD

Upon prompt receipt of the Pre-Award Deliverables listed above, WRTA staff will prepare a recommendation for contract award to be considered by the WRTA Administrator.

If the award recommendation is approved, it is the intent of WRTA to execute the documents as soon as practical after such award. The contract will be composed of the *Agreement for Services,* the *Federal Transit Administration Contract Clauses,* the *Scope of Work, any Addenda* and the proposers' submission(s). The proposed agreement is attached as EXHIBIT L to this document

SECTION 5 SCOPE OF WORK

5.1 Existing conditions of the Video Surveillance System:

Field Devices: The field devices consist of a multiple makes and models of cameras installed throughout the existence of the facility. Cameras ages range from 10+ years to newer, more recently installed during recent upgrades and renovations. All devices are IP based however; the cabling may vary.

a. Cat 6 cables- the majority of devices located on the exterior and inside of the Central Hub building utilize Cat 6 cabling. This cable and its terminations age varies by location and is anywhere from 10+ years to recent deployments. These devices either report to the MDF on the second floor or the IDF on the first floor.
b. Multimode fiber optic cabling- Cameras located in and around the adjacent Bus Bay area utilize multimode fiber optic cabling which is routed from the Central Hub via existing conduits under the roadway. At the central hub there are media converts which convert the optical signal to a copper IP based connection and are then landed on one of the facilities network switches. The field side consists of the CCTV devices and their associated converter modules. This configuration was preferred due to the distance limitations imposed by POE and IP at the time.

Network Design:

a. The WRTA Central Hub facility is connected via a leased connection to an off-site maintenance facility via a ten-gigabit uplink. The connection to the internet occurs at the maintenance facility.

b. Internal to the Central Hub MDF and IDF are linked via fiber optic cabling, all network switches are Cisco Switches POE capable except for one HP network switch which was utilized for port expansion and is connected via copper to the existing cisco switch.

5.2 Project Overview

Due to the age of the components and the evolving use of the WRTA Central Hub facility this system has lost some functionality and needs to be upgraded, re-configured, and/or replaced.

The WRTA is requesting proposals for the upgrade and consolidation of their existing CCTV system at the Central Hub. This includes all replacements as noted in EXHIBIT J as well as the additional devices as described in section 5.3.

5.3 Project timeline

The funding for this project is time limited, all work must be completed by 6/30/2027. Proposers should include a detailed project timeline included in their bid submission.

5.4 Field Devices

For existing camera locations please see EXHIBIT J Existing Equipment and Proposed Recommendations.

In addition to the scope items detailed above, the WRTA is expanding camera coverage at key locations throughout the Central Hub site. See the attached Field of View diagram shown in EXHIBIT M for additional information pertaining to the locations

a. Taxi Lane:
    i. Route cable and conduit from the MDF located on the second floor of the Central Hub Building, along the pedestrian walkway canopy, down to the retaining wall to each device. One camera would be installed near Harding Street, one camera would be installed near the crest of the hill looking towards Harding St, and the third camera would be installed toward the crest of the hill looking Franklin Street.
    ii. Furnish and install 3 new fixed cameras to provide coverage of this area.
    iii. These devices would utilize extended reach cables to overcome the 100M distance limitation.

b. Stairwell and Ramp to Union Station:
    i. Route devices to MDF on second floor

    ii. Furnish and install multi-sensor camera to provide additional coverage of stairs/ramps, crosswalk to train station, crosswalk to Central Hub, bus area to pavilion/bus ramps.

c. Parking &Area Behind E-Bus Charging Equip:
    i. Route devices to IDF on first floor utilizing existing conduits

ii. Furnish and install two fixed cameras mounted to the end of the canopy to provide dedicated coverage of this area and the generator area.

Minimum requirements of proposed replacement equipment

a. The device must be natively supported by the ExacqVision system and offer full ONVIF Profile S and Profile T compliance. Profile T ensures standard native management of H.265 streaming and advanced configuration directly through the ExacqVision interface.
b. All cameras shall support H.265 encoding. It should also feature multi-streaming capabilities (simultaneous H.265/H.264/MJPEG) to optimize network bandwidth and ExacqVision server storage performance.
c. All outdoor cameras must have water and dust shedding, the camera dome or front window must feature a specialized factory hydrophilic or hydrophobic coating.
d. All camera housing shall be IP66, IP67, or IP68 rating to withstand dust ingress and high-pressure water jets or submersion and meet the requirements of IK-8 rating for impact and vandal resistance or higher.
e. All cameras shall have day/night capability and feature a physical Infrared-cut filter (ICR) that automatically shifts away in low light to switch between color daytime recording and monochrome night vision.
f. Outdoor cameras shall have a wide dynamic range(WDR) with a minimum of 120dB to handle harsh glare, shadows, and backlight transitions.
g. All cameras shall be recorded at their highest available streaming rate(existing) or 4K(new) and 15 frames per second (FPS)

5.5 Video Management System

a. Furnish and install the latest Network Video Recorders as manufactured by Exacq Technologies.
b. All cameras shall be recorded at their highest available streaming rate(existing) or 4K(new) and 15 frames per second (FPS)
c. Recording shall be retained for 60 days before being over written.
d. System shall allow for multiple users at multiple sites to login and view live or recorded streams simultaneously,
e. With the proper permissions users shall have the ability to export video. All exported video shall meet the evidence handling requirements of all local, state, and federal law enforcement agencies.
f. The NVR and all other required servers/components will reside at the WRTA Server Room at the WRTA Hub.
g. The existing VMS cannot be removed from service until the new VMS is fully installed and configured. The New VMS must be operational work an equal number of days that the existing VMS recorded for, at which time the device may be powered down and returned to the WRTA for proper storage until no longer required by WRTA's legal requirements.

5.6 Training

a. The Contractor shall provide reasonable training to designated WRTA personnel following system upgrades, significant modifications, or other work that materially changes system operation. The training will be based as a "Train the Trainer" so WRTA staff can properly provide internal education.

b. Training shall include instruction necessary for WRTA personnel to operate, monitor, access, and maintain the system.

c. Training materials and updated system documentation shall be provided to the WRTA as appropriate. Training material should be in a digital format whenever possible.

5.7 Annual Inspection and Maintenance

The Contractor shall provide an annual inspection and preventative maintenance service for all cameras and associated equipment comprising the WRTA camera system. The inspection shall be performed by the Contractor or, with prior approval from the WRTA, by a qualified subcontractor.

The annual inspection and preventative maintenance shall include, at a minimum:

a. Inspection of each camera and associated equipment for proper operation and physical condition;
b. Inspection of camera mounting hardware, wiring, connections, and related components;
c. Verification of system functionality, including confirmation that cameras are operational and recording as intended;
d. Verification, where applicable, that recorded video can be accessed and retrieved;
e. Inspection of system storage, connectivity, and other components necessary for proper system operation;
f. Cleaning of camera lenses, housings, and other equipment as appropriate;
g. Inspection of system wiring and connections for visible damage, deterioration, or other conditions that may affect system performance;
h. Identification of existing or potential system issues that may require corrective action;
i. Identification of equipment that is damaged, degraded, obsolete, or approaching the end of its useful life;
j. Identification of any recommended repairs, replacements, upgrades, or other corrective actions; and
k. Coordination with the WRTA regarding any manufacturer warranties that may apply to defective equipment.

The Contractor shall maintain and update an inventory of the camera system throughout the contract term. The inventory shall identify, at a minimum, each camera and major system component, its location, equipment identification information, and other information necessary to support maintenance and future replacement.

The Contractor shall distinguish between routine preventative maintenance included in the annual inspection and corrective maintenance, replacement, or upgrades requiring additional authorization from the WRTA. The Contractor shall not perform additional billable corrective work without prior authorization from the WRTA.

Following each annual inspection, the Contractor shall provide the WRTA with a written report documenting the inspection and maintenance performed. The report shall include, at a minimum:

a. Condition and operational status of each camera;
b. Condition of wiring, connections, and associated equipment;
c. System functionality and recording status;
d. Any deficiencies or equipment failures identified;
e. Recommended corrective actions;
f. Identification of issues requiring immediate attention and those that may be addressed through routine maintenance or future upgrades;
g. Any applicable warranty information or recommended warranty claims; and
h. An updated system inventory.
i. Verification of all cameras field of views and correction accordingly.
j. Verification of PTZ cameras home positions, reposition/program as required.

Where a deficiency is identified, the Contractor shall provide a recommended path to resolution. Where appropriate, the Contractor shall identify the equipment or parts required, anticipated lead times, and potential temporary measures to maintain system functionality.

The Contractor shall promptly notify the WRTA of any significant system failure or condition that materially affects the operation of the camera system. The Contractor shall work with the WRTA to diagnose the issue, identify available corrective measures, and establish a plan for restoration of service. The Contractor shall communicate anticipated repair schedules and any equipment or parts lead times that may affect restoration.

The Contractor shall coordinate with the applicable equipment manufacturer regarding warranty claims when a component covered by a manufacturer warranty requires repair or replacement and shall assist the WRTA in obtaining warranty service or replacement equipment when appropriate.

5.8 Spare Equipment and Replacement Inventory

The Contractor shall provide and maintain an inventory of spare equipment and components necessary to support timely maintenance and repair of the WRTA camera system. The cost of providing, maintaining, and replacing the required spare inventory shall be included in the Contractor's proposal and shall not be billed separately to the WRTA.

At a minimum, the Contractor shall provide and maintain:

a. One (1) spare of each larger or more complex device type installed as part of the system; and

b. Two (2) spares of each smaller or standard device type installed as part of the system.

For any equipment requiring proprietary components, specialized connectors, terminations, or other unique components necessary for installation or operation, the Contractor shall provide spare quantities equal to ten percent (10%) of the total quantity installed, rounded up to the nearest whole unit, with a minimum of one (1).

Spare equipment may be used by the Contractor for maintenance or repair of the WRTA camera system. If spare equipment is used to replace a failed or defective component that is covered by a manufacturer or Contractor warranty, the Contractor shall replace the spare at no additional cost to the WRTA so that the required spare inventory is maintained throughout the contract term.

If spare equipment is used to replace a failed or defective component that is not covered by warranty, the Contractor may bill the WRTA for the cost of the replacement equipment, plus the agreed-upon markup established in the Contractor's proposal. The Contractor shall obtain WRTA authorization prior to replacing any non-warranty equipment.
The Contractor shall ensure that required spare equipment remains available and compatible with the installed system throughout the contract term and shall provide an updated spare inventory to the WRTA as part of each annual inspection report.

5.9 On-Call Services

The WRTA may, at its discretion, request on-call services related to the existing camera system. On-call services may include, but are not limited to:

a. Installation of additional cameras;
b. Relocation or reconfiguration of existing cameras;
c. Upgrades or modifications to cameras or associated equipment;
d. System upgrades, modifications, or configuration changes;
e. Troubleshooting and corrective maintenance;
f. Repair or replacement of system components; and
g. Other technical services related to the camera system as requested by the WRTA.

The Contractor, either directly or through an approved qualified subcontractor, shall be available to perform such work on an as-needed basis throughout the contract term.

On-call services shall be performed at the hourly labor rate(s) established in the Contractor's proposal. The WRTA shall authorize on-call work prior to commencement. The Contractor shall not perform billable on-call work without authorization from the WRTA's designated representative.

Equipment, materials, software, licenses, or other items required to complete on-call work shall be identified by the Contractor and, unless otherwise directed by the WRTA, shall be procured separately from the on-call labor services. The Contractor shall provide the WRTA with a description and cost estimate for such items prior to purchase or installation.

The Contractor shall maintain records of all on-call services performed, including the date of service, personnel performing the work, hours worked, work performed, equipment or materials utilized, and any outstanding issues or recommended follow-up work.

5.10 Service Response

The Contractor shall respond to service requests based on the severity and extent of the system failure. Response times shall be measured from the time the Contractor receives notification from the WRTA.

- System Failure: A failure affecting the entire camera system or four (4) or more cameras/devices shall be considered a system failure. The Contractor shall acknowledge the request and begin troubleshooting within four (4) hours.
- Individual Device Failure: A failure affecting one (1) to three (3) cameras/devices shall be considered an individual device failure. The Contractor shall acknowledge the request and begin troubleshooting within twenty-four (24) hours.

For all service requests, the Contractor shall communicate the anticipated schedule for troubleshooting, repair, or replacement, including any equipment or parts lead times that may affect completion. The Contractor shall make reasonable efforts to provide remote troubleshooting or other interim assistance, when appropriate, while awaiting parts, equipment, or an on-site service visit.

Response times refer to the Contractor's initial response and troubleshooting and do not constitute a guarantee that the system or device will be fully repaired within the specified timeframe. Where repair or replacement requires parts, equipment, or manufacturer support that is subject to a lead time, the Contractor shall notify the WRTA and provide an estimated schedule for completion.

5.11 "Or Equal" Specifications

Any reference to brand names in the RFP or Cost Proposal Form is descriptive, but not restrictive, unless otherwise specified. Bids on equivalent items meeting the standards of quality will be considered, unless otherwise specified, providing the bid clearly describes the equipment proposed and how it differs from the referenced brands.
The WRTA will determine whether substitute equipment is equivalent to and meets the standards of quality indicated by the brand name referenced; and the WRTA may require a Bidder proposing a substitute equipment to supply additional descriptive material and sample/drawings.

SECTION 6. STANDARD TERMS AND CONDITIONS

6.1 Invoicing

The WRTA will only pay by original invoice. The WRTA will not authorize and does not participate in funding payments to a contractor prior to the incurrence of costs.

6.2 Controlling Law

The Contract shall be governed and construed in accordance with the laws of the Commonwealth of Massachusetts and proper venue for legal action regarding the Contract shall be a court of competent jurisdiction within the State in which the WRTA is located.

6.3 Taxes, Charges and Extras

The WRTA is exempt from all federal excise taxes, including tax on transportation and Massachusetts's sales tax. Price(s) quoted to the WRTA shall not include said taxes. Upon request the WRTA will furnish the Contractor with a tax exemption certificate.

No charge for delivery, drayage, express, parcel post, packing, cartage, insurance, license fees, permits, cost of bonds, or for any other purpose will be paid by the WRTA unless expressly included and itemized in the bid.

6.4 Alteration or Variation of Terms

It is mutually understood and agreed that no alteration or variation of the terms of this RFP or subsequent task order shall be valid unless made or confirmed in writing and signed by the parties hereto, and that no oral understanding or agreements not incorporated herein, and no alterations or variations of the terms hereof unless made or confirmed in writing between the parties hereto shall be binding on any of the parties hereto.

6.5 Assignability

A contract is not assignable either in whole or in part.

6.6 Compliance with Statute

Proposer hereby warrants that all applicable Federal and State statutes and regulations or local ordinances will be complied with in connection with the sale and delivery of the property furnished.

6.7 Insurance Requirements

By signing its proposal, Proposer acknowledges that upon contract award Proposer shall obtain and maintain in full force and effect during the term of the Agreement the insurance coverage in companies licensed to do business in the Commonwealth of Massachusetts, and acceptable to WRTA, as set forth below:

General Liability

Bodily Injury Liability	$1,000,000 per occurrence
Property Damage Liability	$500,000 per occurrence
(or combined single limit)	$1,000,000 per occurrence

Automobile Liability

Bodily Injury Liability	$1,000,000 per occurrence
Property Damage Liability	$500,000 per occurrence
(or combined single limit)	$1,000,000 per occurrence

Workers' Compensation Insurance

Coverage for all employees in accordance with Massachusetts General Laws

Professional Liability Insurance	
Minimum Coverage	$1,000,000 per occurrence
Cyber Liability Insurance	
Minimum Coverage	$1,000,000 per occurrence
Umbrella Liability Insurance	$1,000,000 per occurrence

All policies shall identify the WRTA as an additional insured (except Workers' Compensation) and shall provide that the WRTA shall receive written notification at least 30 days prior to the effective date of any amendment or cancellation. Certificates shall include a Waiver of Subrogation on behalf of the WRTA on all lines of coverage. Insured's coverage shall be primary and noncontributory. Certificates evidencing all such coverages shall be provided to the WRTA upon the execution of the Agreement. Each such certificate shall specifically refer to the Agreement and shall state that such insurance is as required by the Agreement. Failure to provide or to continue in force such insurance shall be deemed a material breach of the Agreement and shall be grounds for immediate termination.

6.8 Warranty

Proposer warrants to WRTA that the goods and / or services covered by this order will conform to the drawings, specifications, samples, descriptions and time provisions furnished by WRTA and will be of first-class material and workmanship and free from defects; and WRTA reserves the right to cancel the unfilled portion of this order without liability to Proposer for breach of this warranty. Goods will be received subject to inspection and acceptance at destination by WRTA; risk of loss before acceptance shall be on Proposer. Defective goods rejected by WRTA may without prejudice to any other legal remedy be held at Proposer's risk and returned to Proposer at Proposer's expense. Defects are not waived by acceptance of goods or by failure to notify Proposer thereof.

6.9 Federal Contract Clauses

The goods and / or services covered by this RFP are being funded in part with funds from the U.S. Department of Transportation, Federal Transit Administration, and the Commonwealth of Massachusetts Department of Transportation. By submitting a proposal, the proposer agrees to comply with the clauses found in EXHIBIT H – Federal Contract Clauses.

6.10 Davis-Bacon

The goods and / or services covered by this RFP are not subject to Davis-Bacon and related acts compliance.

6.11 Rights and Remedies of WRTA for Default

In the event any item furnished by the Proposer in the performance of the contract should fail to conform to specifications therefore, or to the sample submitted by the Proposer with his bid, the WRTA may reject the same, and it shall thereupon become the duty of the Proposer to reclaim and remove the same, without expense to the WRTA, and immediately to replace all such rejected items with others conforming to such specifications or samples; providing that should

the Proposer fail, neglect or refuse so to do the WRTA shall have the right to purchase on the open market, in lieu thereof, a corresponding quantity of any such items and to deduct from any moneys due or that may thereafter become due to the Proposer the difference between the prices named in the contract or Task order and make the actual cost thereof to the WRTA. In the event the Proposer shall fail to make prompt delivery as specified of any item, the same conditions as to the rights of the WRTA to purchase in the open market and to reimbursement set forth above shall apply, except when delivery is delayed by fire, strike, freight embargo, or Act of God or the government. Cost of delivery of an item which does not meet specifications, will be the responsibility of the Proposer. The rights and remedies of the WRTA provided above shall not be exclusive and are in addition to any other rights and remedies provided by the law or under the contract.

6.12 Severability

Should any part of the Contract be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect the validity of the remainder of the Contract which shall continue in full force and effect; provided that the remainder of the Contract can, absent the excised portion, be reasonably interpreted to give the effect to the intentions of the parties.

6.13 Limitation on Funding

The Contract for services resulting from this RFP will be subject to the contract between the WRTA and the availability of on-going funds from the WRTA's funding sources. The Contract for this service is contingent upon receipt of these funds by the WRTA. In the event that funding from these sources is eliminated or decreased, the WRTA reserves the right to terminate the Contract or modify it accordingly.

6.14 Evaluation Results

Evaluation results are available for inspection at the office of the WRTA located at:

60 Foster Street
Worcester, MA 01608

6.15 DBE Objective / Policy Statement

The Worcester Regional Transit Authority (WRTA) has established a Disadvantaged Business Enterprise (DBE) Program in accordance with regulations of the U.S. Department of Transportation (DOT), 49 CFR § 26. The WRTA has received Federal financial assistance from the DOT and as a condition of receiving this assistance, the WRTA has signed an assurance that it will comply with 49 CFR § 26.

It is the policy of the WRTA to ensure that all contracts and procurements will be administered without discrimination on the basis of race, color, national origin, or sex. The WRTA ensures that Disadvantaged Business Enterprises (DBEs) shall have an equal opportunity to compete for and participate in DOT-assisted contracts. It is also our policy to:

1. To create a level playing field on which DBEs can compete fairly for DOT-assisted contracts;
2. To ensure that the DBE program is narrowly tailored in accordance with applicable law;

3. To ensure that only firms that fully meet 49 CFR § 26 eligibility standards are permitted to participate as DBEs;
4. To help remove barriers to the participation of DBEs in DOT-assisted contracts;
5. To assist the development of firms that can compete successfully in the marketplace outside the DBE program.

The Grants and Procurement Manager has been designated as the DBE Liaison Officer (DBELO). The DBELO has direct, independent access to the Chief Executive Officer (Administrator) concerning DBE program matters. The DBELO is responsible for implementing all aspects of the WRTA DBE Program. The WRTA has adequate staff, (including procurement, finance, etc.), to administer the program in compliance with 49 CFR § 26.

WRTA has circulated this Policy Statement to its Advisory Board, throughout our organization, and to the DBE and non-DBE business communities that perform work on our DOT-assisted contracts. Distribution has been accomplished via our website www.therta.com, inclusion with procurement documents, and through outreach to community organizations.

6.16 Bid Protest Procedures

WRTA has established procurement protest procedures to ensure uniform, timely, and fair consideration of complaints received by WRTA concerning its procurement activities. Such procedures are found in EXHIBIT I - Protest Procedures.

EXHIBIT A

PROSPECTIVE PROPOSER FACT SHEET

Name of Contractor: _____

Contractor Tax ID#: __ __ - __ __ __ __ __ __ __

Contractor's License #: _____ Type: _____ (as applicable)

Contractor Does Business As: ☐ Individual ☐ Partnership ☐ Corporation ☐ Government ☐ Fiduciary ☐ Other_____

Contractor is a: ☐ Resident ☐ Non-Resident of Massachusetts

1) Are you or your firm authorized to business in Massachusetts? ☐ Yes ☐ No
2) Are you or your firm a certified DBE? ☐ Yes ☐ No
3) Is this a local business? ☐ Yes ☐ No
4) This firm has been in continuous business under the present name for ____ years.

- End Exhibit A -

EXHIBIT B

NON-COLLUSION DECLARATION

TO BE EXECUTED BY PROPOSER AND SUBMITTED WITH RFP

I, _____, am the

_____ of _____,
(Position / Title) (Company)

the party making the foregoing RFP that the RFP is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the RFP is genuine and not collusive or sham; that the Proposer has not directly or indirectly induced or solicited any other Proposer to put in a false or sham RFP; and has not directly or indirectly colluded, conspired, connived, or agreed with any Proposer or anyone else to put in a sham RFP, or that anyone shall refrain from bidding; that the Proposer has not in any manner directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Proposer or any other Proposer, or to fix any overhead, profit, or cost element of the bid price, or of that of any other Proposer, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the RFP are true; and, further, that the Proposer has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I declare under penalty of perjury under the laws of the Commonwealth of Massachusetts that the foregoing is true and correct:

_____ _____
(Date) (Signature)

- End Exhibit B -

EXHIBIT C

CERTIFICATION AS TO PAYMENT OF STATE TAXES

Pursuant to Chapter 62C of the Massachusetts General Laws, Section 49A(b), I, _____, authorized signatory for the CONTRACTOR does hereby certify under the pains and penalties of perjury that said CONTRACTOR has complied with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

_____
Social Security Number or
Federal Identification Number

_____
Signature of Individual or
Corporate Name

By:
Corporate Officer
(if applicable)

- End Exhibit C -

EXHIBIT D

CUSTOMER REFERENCES

List and submit with this RFP three (3) customer references, preferably within the Commonwealth of Massachusetts, for whom the Proposer has furnished a similar service.

1. COMPANY NAME: _____

   CONTACT PERSON: _____

   TELEPHONE NUMBER: _____

   EMAIL ADDRESS: _____

   COMPANY ADDRESS: _____

   _____

2. COMPANY NAME: _____

   CONTACT PERSON: _____

   TELEPHONE NUMBER: _____

   EMAIL ADDRESS: _____

   COMPANY ADDRESS: _____

   _____

3. COMPANY NAME: _____

   CONTACT PERSON: _____

   TELEPHONE NUMBER: _____

   EMAIL ADDRESS: _____

   COMPANY ADDRESS: _____

   _____

- End Exhibit D -

EXHIBIT E

WORCESTER REGIONAL TRANSIT AUTHORITY

60 Foster Street, Worcester, MA 01608
Phone: (508) 791-2389 Fax: (508) 752-1676

GOVERNMENT-WIDE DEBARMENT AND SUSPENSION

Applies to All Contracts >$25,000

2 C.F.R. part 180
2 C.F.R part 1200
2 C.F.R. § 200.213
2 C.F.R. part 200 Appendix II (I)
Executive Order 12549
Executive Order 12689

Debarment, Suspension, Ineligibility and Voluntary Exclusion

The Contractor shall comply and facilitate compliance with U.S. DOT regulations, "Nonprocurement Suspension and Debarment," 2 C.F.R. part 1200, which adopts and supplements the U.S. Office of Management and Budget (U.S. OMB) "Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," 2 C.F.R. part 180. These provisions apply to each contract at any tier of $25,000 or more, and to each contract at any tier for a federally required audit (irrespective of the contract amount), and to each contract at any tier that must be approved by an FTA official irrespective of the contract amount. As such, the Contractor shall verify that its principals, affiliates, and subcontractors are eligible to participate in this federally funded contract and are not presently declared by any Federal department or agency to be:

a) Debarred from participation in any federally assisted Award;
b) Suspended from participation in any federally assisted Award;
c) Proposed for debarment from participation in any federally assisted Award;
d) Declared ineligible to participate in any federally assisted Award;
e) Voluntarily excluded from participation in any federally assisted Award; or f) Disqualified from participation in ay federally assisted Award.

By signing and submitting its bid or proposal, the bidder or proposer certifies as follows:

The certification in this clause is a material representation of fact relied upon by the WRTA. If it is later determined by the WRTA that the bidder or proposer knowingly rendered an erroneous certification, in addition to remedies available to the WRTA, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The bidder or proposer agrees to comply with the requirements of 2 C.F.R. part 180, subpart C, as supplemented by 2 C.F.R. part 1200, while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

_____ Signature of Contractor's Authorized Official

_____ Name and Title of Contractor's Authorized Official

_____ Date

- End Exhibit E -

EXHIBIT F

WORCESTER REGIONAL TRANSIT AUTHORITY

60 Foster Street, Worcester, MA 01608
Phone: (508) 791-2389 Fax: (508) 752-1676

LOBBYING RESTRICTIONS

Applies to All Contracts >$100,000

31 U.S.C. § 1352
2 C.F.R. § 200.450
2 C.F.R. part 200 appendix II (J)
49 C.F.R. part 20

Lobbying Restrictions

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of WRTA, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all subcontractors shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

_____ Signature of Contractor's Authorized Official

_____ Name and Title of Contractor's Authorized Official

_____ Date

- End Exhibit F –

EXHIBIT G

WORCESTER REGIONAL TRANSIT AUTHORITY

60 Foster Street, Worcester, MA 01608
Phone: (508) 791-2389 Fax: (508) 752-1676

BUY AMERICA REQUIREMENTS

Applies to Contracts >$150,000
49 U.S.C. 5323(j)
49 C.F.R. part 661

Buy America

The contractor agrees to comply with 49 U.S.C. 5323(j) and 49 C.F.R. part 661, which provide that Federal funds may not be obligated unless all steel, iron, and manufactured products used in FTA funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 C.F.R. § 661.7. Separate requirements for rolling stock are set out at 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. § 661.11.

The [bidder or offeror] must submit to [WRTA] the appropriate Buy America certification below with its [bid or offer]. Bids or offers that are not accompanied by a completed Buy America certification will be rejected as nonresponsive.

In accordance with 49 C.F.R. § 661.6, for the procurement of steel, iron or manufactured products, use the certifications below.

Certificate of Compliance with Buy America Requirements

The bidder or offeror hereby certifies that it will comply with the requirements of 49 U.S.C. 5323(j)(1), and the applicable regulations in 49 C.F.R. part 661.

_____ Date

_____ Signature

_____ Company

_____ Name

_____ Title

Certificate of Non-Compliance with Buy America Requirements

The bidder or offeror hereby certifies that it cannot comply with the requirements of 49 U.S.C. 5323(j), but it may qualify for an exception to the requirement pursuant to 49 U.S.C. 5323(j)(2), as amended, and the applicable regulations in 49 C.F.R. § 661.7.

_____ Date

_____ Signature

_____ Company

_____ Name

_____ Title

In accordance with 49 C.F.R. § 661.12, for the procurement of rolling stock (including train control, communication, and traction power equipment) use the following certifications :

Certificate of Compliance with Buy America Rolling Stock Requirements

The bidder or offeror hereby certifies that it will comply with the requirements of 49 U.S.C. 5323(j), and the applicable regulations of 49 C.F.R. § 661.11.

_____ Date

_____ Signature

_____ Company

_____ Name

_____ Title

Certificate of Non-Compliance with Buy America Rolling Stock Requirements

The bidder or offeror hereby certifies that it cannot comply with the requirements of 49 U.S.C. 5323(j), but may qualify for an exception to the requirement consistent with 49 U.S.C. 5323(j)(2)(C), and the applicable regulations in 49 C.F.R. § 661.7.

_____ Date

_____ Signature

_____ Company

_____ Name

_____ Title

- End Exhibit G -

EXHIBIT H

FEDERAL CONTRACT CLAUSES

Federally Required and Other Model Contract Clauses
Applicability of Third Party Contract Clauses – Materials & Supplies > $100,000
(Excluding micro-purchases, and exceptions as noted within each clause)

1. NO GOVERNMENT OBLIGATIONS TO THIRD PARTIES
2. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS AND RELATED ACTS
3. ACCESS TO RECORDS AND REPORTS
4. CHANGES TO FEDERAL REQUIREMENTS
5. CIVIL RIGHTS LAWS AND REGULATIONS
6. INCORPORATION OF FTA TERMS
7. ENERGY CONSERVATION
8. TERMINATION
9. GOVERNMENT-WIDE DEBARMENT AND SUSPENSION
10. BUY AMERICA REQUIREMENTS
11. VIOLATION AND BREACH OF CONTRACT
12. LOBBYING RESTRICTIONS
13. CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT
14. CARGO PREFERENCE REQUIREMENTS
15. FLY AMERICA
16. DISADVANTAGED BUSINESS ENTERPRISE (DBE)
16d. PROMPT PAYMENT
17. RECYCLED PRODUCTS
18. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT
19. NOTICE TO FTA AND U.S. DOT INSPECTOR GENERAL OF INFORMATION RELATED TO FRAUD, WASTE, ABUSE, OR OTHER LEGAL MATTERS
20. SAFE OPERATION OF MOTOR VEHICLES
21. AMERICANS WITH DISABILITIES ACT (ADA) ACCESS
22. CONFORMANCE WITH ITS NATONAL INFRASTRUCTURE

1. NO GOVERNMENT OBLIGATION TO THIRD PARTIES - *Applies to All Contracts*

The WRTA and Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of the underlying Contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this Contract and shall not be subject to any obligations or liabilities to the WRTA, Contractor or any other party (whether or not a party to that contract) pertaining to any matter resulting from the underlying Contract. The Contractor agrees to include the above clause in each subcontract financed in whole or in part with Federal assistance provided by the FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

2. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS AND RELATED ACTS

Applies to All Procurements
49 U.S.C. § 5323(l) (1)
31 U.S.C. §§ 3801-3812
18 U.S.C. § 1001
49 C.F.R. part 31

The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. § 3801 et seq. and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. part 31, apply to its actions pertaining to this Project. Upon execution of the underlying contract, the Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to the underlying contract or the FTA assisted project for which this contract work is being performed. In addition to other penalties that

may be applicable, the Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent the Federal Government deems appropriate.
The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. chapter 53, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5323(l) on the Contractor, to the extent the Federal Government deems appropriate.
The Contractor agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

3. ACCESS TO RECORDS AND REPORTS - *Applies to All Procurement Types*
49 U.S.C. § 5325(g)
2 C.F.R. § 200.333
49 C.F.R. part 633

a. Record Retention. The Contractor will retain, and will require its subcontractors of all tiers to retain, complete and readily accessible records related in whole or in part to the contract, including, but not limited to, data, documents, reports, statistics, sub-agreements, leases, subcontracts, arrangements, other third party agreements of any type, and supporting materials related to those records.
b. Retention Period. The Contractor agrees to comply with the record retention requirements in accordance with 2 C.F.R. § 200.333. The Contractor shall maintain all books, records, accounts and reports required under this Contract for a period of at not less than three (3) years after the date of termination or expiration of this Contract, except in the event of litigation or settlement of claims arising from the performance of this Contract, in which case records shall be maintained until the disposition of all such litigation, appeals, claims or exceptions related thereto.
c. Access to Records. The Contractor agrees to provide sufficient access to FTA and its contractors to inspect and audit records and information related to performance of this contract as reasonably may be required.
d. Access to the Sites of Performance. The Contractor agrees to permit FTA and its contractors' access to the sites of performance under this contract as reasonably may be required.

4. FEDERAL CHANGES – *Applies to all Contracts*
49 CFR Part 18

Federal Changes - Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Master Agreement between Purchaser and FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this contract.

5. CIVIL RIGHTS LAWS AND REGULATIONS – *Applies to All Procurement Types*

Civil Rights and Equal Opportunity – The WRTA is an Equal Opportunity Employer. As such, the WRTA agrees to comply with all applicable Federal civil rights laws and implementing regulations. Apart from inconsistent requirements imposed by Federal laws or regulations, the WRTA agrees to comply with the requirements of 49 U.S.C. § 5323(h) (3) by not using any Federal assistance awarded by FTA to support procurements using exclusionary or discriminatory specifications.
Under this Agreement, the Contractor shall at all times comply with the following requirements and shall include these requirements in each subcontract entered into as part thereof.
1. **Nondiscrimination**. In accordance with Federal transit law at 49 U.S.C. § 5332, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, sex, disability, or age. In addition, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.
2. **Race, Color, Religion, National Origin, Sex.** In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e et seq., and Federal transit laws at 49 U.S.C. § 5332, the Contractor agrees to comply with all applicable

equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. chapter 60, and Executive Order No. 11246, "Equal Employment Opportunity in Federal Employment," September 24, 1965, 42 U.S.C. § 2000e note, as amended by any later Executive Order that amends or supersedes it, referenced in 42 U.S.C. § 2000e note. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, national origin, or sex (including sexual orientation and gender identity). Such action shall include, but not be limited to, the following: employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

3. **Age**. In accordance with the Age Discrimination in Employment Act, 29 U.S.C. §§ 621- 634, U.S. Equal Employment Opportunity Commission (U.S. EEOC) regulations, "Age Discrimination in Employment Act," 29 C.F.R. part 1625, the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6101 et seq., U.S. Health and Human Services regulations, "Nondiscrimination on the Basis of Age in Programs or Activities Receiving Federal Financial Assistance," 45 C.F.R. part 90, and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

4. **Disabilities**. In accordance with section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. § 794, the Americans with Disabilities Act of 1990, as amended, 42 U.S.C. § 12101 et seq., the Architectural Barriers Act of 1968, as amended, 42 U.S.C. § 4151 et seq., and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees that it will not discriminate against individuals on the basis of disability. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

6. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS – *Applies to all Contracts*

The preceding provisions include, in part, certain Standard Terms and Conditions required by DOT, whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any the WRTA requests which would cause the WRTA to be in violation of the FTA terms and conditions.

7. ENERGY CONSERVATION – *Applies to All Procurements*

42 U.S.C. 6321 et seq.
49 C.F.R. part 622, subpart C

The contractor agrees to comply with mandatory standards and policies relating to energy efficiency, which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

8. TERMINATION – *Applies to all contracts >$10,000 if 49 CFR part 18 applies*

2 C.F.R. § 200.339
2 C.F.R. part 200, Appendix II (B)

Termination for Convenience (General Provision)

The WRTA may terminate this contract, in whole or in part, at any time by written notice to the Contractor when it is in the WRTA's best interest. The Contractor shall be paid its costs, including contract close-out costs, and profit on work performed up to the time of termination. The Contractor shall promptly submit its termination claim to WRTA to be paid the Contractor. If the Contractor has any property in its possession belonging to WRTA, the Contractor will account for the same, and dispose of it in the manner WRTA directs.

Termination for Default [Breach or Cause] (General Provision)

If the Contractor does not deliver supplies in accordance with the contract delivery schedule, or if the contract is for services, the Contractor fails to perform in the manner called for in the contract, or if the Contractor fails to comply with any other provisions of the contract, the WRTA may terminate this contract for default. Termination shall be affected by serving a Notice of Termination on the Contractor setting forth the manner in which the Contractor is in default. The

Contractor will be paid only the contract price for supplies delivered and accepted, or services performed in accordance with the manner of performance set forth in the contract.
If it is later determined by the WRTA that the Contractor had an excusable reason for not performing, such as a strike, fire, or flood, events which are not the fault of or are beyond the control of the Contractor, the WRTA, after setting up a new delivery of performance schedule, may allow the Contractor to continue work, or treat the termination as a Termination for Convenience.

Opportunity to Cure (General Provision)

The WRTA, in its sole discretion may, in the case of a termination for breach or default, allow the Contractor [an appropriately short period of time] in which to cure the defect. In such case, the Notice of Termination will state the time period in which cure is permitted and other appropriate conditions
If Contractor fails to remedy to WRTA's satisfaction the breach or default of any of the terms, covenants, or conditions of this Contract within [10 days] after receipt by Contractor of written notice from WRTA setting forth the nature of said breach or default, WRTA shall have the right to terminate the contract without any further obligation to Contractor. Any such termination for default shall not in any way operate to preclude WRTA from also pursuing all available remedies against Contractor and its sureties for said breach or default.

Waiver of Remedies for any Breach

In the event that WRTA elects to waive its remedies for any breach by Contractor of any covenant, term or condition of this contract, such waiver by WRTA shall not limit WRTA's remedies for any succeeding breach of that or of any other covenant, term, or condition of this contract.

Termination for Convenience (Professional or Transit Service Contracts)

The WRTA, by written notice, may terminate this contract, in whole or in part, when it is in the WRTA's interest. If this contract is terminated, the WRTA shall be liable only for payment under the payment provisions of this contract for services rendered before the effective date of termination.

Termination for Default (Supplies and Service)

If the Contractor fails to deliver supplies or to perform the services within the time specified in this contract or any extension, or if the Contractor fails to comply with any other provisions of this contract, the WRTA may terminate this contract for default. The WRTA shall terminate by delivering to the Contractor a Notice of Termination specifying the nature of the default. The Contractor will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner or performance set forth in this contract.
If, after termination for failure to fulfill contract obligations, it is determined that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the WRTA.

Termination for Default (Transportation Services)

If the Contractor fails to pick up the commodities or to perform the services, including delivery services, within the time specified in this contract or any extension, or if the Contractor fails to comply with any other provisions of this contract, the WRTA may terminate this contract for default. The WRTA shall terminate by delivering to the Contractor a Notice of Termination specifying the nature of default. The Contractor will only be paid the contract price for services performed in accordance with the manner of performance set forth in this contract.
If this contract is terminated while the Contractor has possession of WRTA goods, the Contractor shall, upon direction of the WRTA, protect and preserve the goods until surrendered to the WRTA or its agent. The Contractor and WRTA shall agree on payment for the preservation and protection of goods. Failure to agree on an amount will be resolved under the Dispute clause.
If, after termination for failure to fulfill contract obligations, it is determined that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the WRTA.

Termination for Default (Construction)

If the Contractor refuses or fails to prosecute the work or any separable part, with the diligence that will ensure its completion within the time specified in this contract or any extension or fails to complete the work within this time, or if the Contractor fails to comply with any other provision of this contract, WRTA may terminate this contract for default. The WRTA shall terminate by delivering to the Contractor a Notice of Termination specifying the nature of the default. In this event, the WRTA may take over the work and compete it by contract or otherwise, and may take possession of and use any materials, appliances, and plant on the work site necessary for completing the work. The Contractor and its sureties shall be liable for any damage to the WRTA resulting from the Contractor's refusal or failure to complete the work within specified time, whether or not the Contractor's right to proceed with the work is terminated. This liability includes any increased costs incurred by the WRTA in completing the work.

The Contractor's right to proceed shall not be terminated nor shall the Contractor be charged with damages under this clause if:
1. The delay in completing the work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include: acts of God, acts of WRTA, acts of another contractor in the performance of a contract with WRTA, epidemics, quarantine restrictions, strikes, freight embargoes; and
2. The Contractor, within [10] days from the beginning of any delay, notifies WRTA in writing of the causes of delay. If, in the judgment of WRTA, the delay is excusable, the time for completing the work shall be extended. The judgment of WRTA shall be final and conclusive for the parties, but subject to appeal under the Disputes clause(s) of this contract.
If, after termination of the Contractor's right to proceed, it is determined that the Contractor was not in default, or that the delay was excusable, the rights and obligations of the parties will be the same as if the termination had been issued for the convenience of WRTA.

Termination for Convenience or Default (Architect and Engineering)

The WRTA may terminate this contract in whole or in part, for the WRTA's convenience or because of the failure of the Contractor to fulfill the contract obligations. The WRTA shall terminate by delivering to the Contractor a Notice of Termination specifying the nature, extent, and effective date of the termination. Upon receipt of the notice, the Contractor shall (1) immediately discontinue all services affected (unless the notice directs otherwise), and (2) deliver to the WRTA 's Contracting Officer all data, drawings, specifications, reports, estimates, summaries, and other information and materials accumulated in performing this contract, whether completed or in process. WRTA has a royalty-free, nonexclusive, and irrevocable license to reproduce, publish or otherwise use, all such data, drawings, specifications, reports, estimates, summaries, and other information and materials.
If the termination is for the convenience of the WRTA, the WRTA's Contracting Officer shall make an equitable adjustment in the contract price but shall allow no anticipated profit on unperformed services.
If the termination is for failure of the Contractor to fulfill the contract obligations, the WRTA may complete the work by contact or otherwise and the Contractor shall be liable for any additional cost incurred by the WRTA.
If, after termination for failure to fulfill contract obligations, it is determined that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of WRTA.

Termination for Convenience or Default (Cost-Type Contracts)

The WRTA may terminate this contract, or any portion of it, by serving a Notice of Termination on the Contractor. The notice shall state whether the termination is for convenience of WRTA or for the default of the Contractor. If the termination is for default, the notice shall state the manner in which the Contractor has failed to perform the requirements of the contract. The Contractor shall account for any property in its possession paid for from funds received from the WRTA, or property supplied to the Contractor by the WRTA. If the termination is for default, the WRTA may fix the fee, if the contract provides for a fee, to be paid the Contractor in proportion to the value, if any, of work performed up to the time of termination. The Contractor shall promptly submit its termination claim to the WRTA and the parties shall negotiate the termination settlement to be paid the Contractor.
If the termination is for the convenience of WRTA, the Contractor shall be paid its contract close-out costs, and a fee, if the contract provided for payment of a fee, in proportion to the work performed up to the time of termination.
If, after serving a Notice of Termination for Default, the WRTA determines that the Contractor has an excusable reason for not performing, the WRTA, after setting up a new work schedule, may allow the Contractor to continue work, or treat the termination as a Termination for Convenience.

9. GOVERNMENT-WIDE DEBARMENT AND SUSPENSION – *Applies to All Contracts >$25,000*

2 C.F.R. part 180
2 C.F.R part 1200
2 C.F.R. § 200.213
2 C.F.R. part 200 Appendix II (I)
Executive Order 12549
Executive Order 12689

Debarment, Suspension, Ineligibility and Voluntary Exclusion

The Contractor shall comply and facilitate compliance with U.S. DOT regulations, "Nonprocurement Suspension and Debarment," 2 C.F.R. part 1200, which adopts and supplements the U.S. Office of Management and Budget (U.S. OMB) "Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," 2 C.F.R. part 180. These provisions apply to each contract at any tier of $25,000 or more, and to each contract at any tier for a federally required audit (irrespective of the contract amount), and to each contract at any tier that must be approved by an FTA official

irrespective of the contract amount. As such, the Contractor shall verify that its principals, affiliates, and subcontractors are eligible to participate in this federally funded contract and are not presently declared by any Federal department or WRTA to be:
a) Debarred from participation in any federally assisted Award;
b) Suspended from participation in any federally assisted Award;
c) Proposed for debarment from participation in any federally assisted Award;
d) Declared ineligible to participate in any federally assisted Award;
e) Voluntarily excluded from participation in any federally assisted Award; or
f) Disqualified from participation in ay federally assisted Award.

By signing and submitting its bid or proposal, the bidder or proposer certifies as follows:

The certification in this clause is a material representation of fact relied upon by the WRTA. If it is later determined by the WRTA that the bidder or proposer knowingly rendered an erroneous certification, in addition to remedies available to the WRTA, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The bidder or proposer agrees to comply with the requirements of 2 C.F.R. part 180, subpart C, as supplemented by 2 C.F.R. part 1200, while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

SEE EXHIBIT E FOR DEBARMENT AND SUSPENSION CERTIFICATION

10. BUY AMERICA REQUIREMENTS – *Applies to Rolling Stock, Construction, Materials & Supplies Contracts >$150,000*

49 U.S.C. 5323(j)
49 C.F.R. part 661

The contractor agrees to comply with 49 U.S.C. 5323(j) and 49 C.F.R. part 661, which provide that Federal funds may not be obligated unless all steel, iron, and manufactured products used in FTA funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 C.F.R. § 661.7. Separate requirements for rolling stock are set out at 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. § 661.11. The [bidder or offeror] must submit to WRTA the appropriate Buy America certification below with its [bid or offer]. Bids or offers that are not accompanied by a completed Buy America certification will be rejected as nonresponsive.

In accordance with 49 C.F.R. § 661.6, for the procurement of steel, iron or manufactured products, use the certifications below.

SEE EXHIBIT G FOR BUY AMERICA CERTIFICATIONS:

Certificate of Compliance with Buy America Requirements
Certificate of Non-Compliance with Buy America Requirements
Certificate of Compliance with Buy America Rolling Stock Requirements
Certificate of Non-Compliance with Buy America Rolling Stock Requirements

11. VIOLATION AND BREACH OF CONTRACT – *Applies to all Contracts >$250,000*

2 C.F.R. § 200.326
2 C.F.R. part 200, Appendix II (A)

Rights and Remedies of the WRTA The WRTA shall have the following rights in the event that the WRTA deems the Contractor guilty of a breach of any term under the Contract.
1. The right to take over and complete the work or any part thereof as WRTA for and at the expense of the Contractor, either directly or through other contractors;
2. The right to cancel this Contract as to any or all of the work yet to be performed;
3. The right to specific performance, an injunction or any other appropriate equitable remedy; and
4. The right to money damages.

Rights and Remedies of Contractor Inasmuch as the Contractor can be adequately compensated by money damages for any breach of this Contract, which may be committed by the WRTA, the Contractor expressly agrees that no default, act or omission of the WRTA shall constitute a material breach of this Contract, entitling Contractor to cancel or rescind the Contract (unless the WRTA directs Contractor to do so) or to suspend or abandon performance.

Remedies Substantial failure of the Contractor to complete the Project in accordance with the terms of this Agreement will be a default of this Agreement. In the event of a default, the WRTA will have all remedies in law and equity, including the right to specific performance, without further assistance, and the rights to termination or suspension as provided

herein. The Contractor recognizes that in the event of a breach of this Agreement by the Contractor before the WRTA takes action contemplated herein, the WRTA will provide the Contractor with sixty (60) days written notice that the WRTA considers that such a breach has occurred and will provide the Contractor a reasonable period of time to respond and to take necessary corrective action.

Disputes Disputes arising in the performance of this Contract that are not resolved by agreement of the parties shall be decided in writing by the authorized representative of WRTA's Administrator. This decision shall be final and conclusive unless within [10] days from the date of receipt of its copy, the Contractor mails or otherwise furnishes a written appeal to the Administrator. In connection with any such appeal, the Contractor shall be afforded an opportunity to be heard and to offer evidence in support of its position. The decision of the Administrator shall be binding upon the Contractor and the Contractor shall abide be the decision.

In the event that a resolution of the dispute is not mutually agreed upon, the parties can agree to mediate the dispute or proceed with litigation. Notwithstanding any provision of this section, or any other provision of this Contract, it is expressly agreed and understood that any court proceeding arising out of a dispute under the Contract shall be heard by a Court de novo and the court shall not be limited in such proceeding to the issue of whether the Authority acted in an arbitrary, capricious or grossly erroneous manner.

Pending final settlement of any dispute, the parties shall proceed diligently with the performance of the Contract, and in accordance with the WRTA's direction or decisions made thereof.

Performance during Dispute Unless otherwise directed by WRTA, Contractor shall continue performance under this Contract while matters in dispute are being resolved.

Claims for Damages Should either party to the Contract suffer injury or damage to person or property because of any act or omission of the party or of any of its employees, agents or others for whose acts it is legally liable, a claim for damages therefor shall be made in writing to such other party within a reasonable time after the first observance of such injury or damage.

Remedies Unless this Contract provides otherwise, all claims, counterclaims, disputes and other matters in question between the WRTA and the Contractor arising out of or relating to this agreement or its breach will be decided by arbitration if the parties mutually agree, or in a court of competent jurisdiction within the State in which the WRTA is located.

Rights and Remedies The duties and obligations imposed by the Contract documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law. No action or failure to act by the WRTA or Contractor shall constitute a waiver of any right or duty afforded any of them under the Contract, nor shall any such action or failure to act constitute an approval of or acquiescence in any breach thereunder, except as may be specifically agreed in writing.

12. LOBBYING RESTRICTIONS – *Applies to All Contracts >$100,000*

31 U.S.C. § 1352
2 C.F.R. § 200.450
2 C.F.R. part 200 appendix II (J)
49 C.F.R. part 20

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an WRTA, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any WRTA, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all subcontractors shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.
SEE EXHIBIT F FOR LOBBYING RESTRICTIONS CERTIFICATION

13. CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT – *Applies to All Procurement Types >$150,000*

42 U.S.C. §§ 7401 – 7671q
33 U.S.C. §§ 1251-1387
2 C.F.R. part 200, Appendix II (G)

The Contractor agrees:
1) It will not use any violating facilities;
2) It will report the use of facilities placed on or likely to be placed on the U.S. EPA "List of Violating Facilities;"
3) It will report violations of use of prohibited facilities to FTA; and
4) It will comply with the inspection and other requirements of the Clean Air Act, as amended, (42 U.S.C. §§ 7401 – 7671q); and the Federal Water Pollution Control Act as amended, (33 U.S.C. §§ 1251-1387).

14. CARGO PREFERENCE REQUIREMENTS – *Applies to Rolling Stock, Construction, Material & Supplies that may be transported by ocean vessel.*

46 U.S.C. § 55305
46 C.F.R. part 381

Cargo Preference - Use of United States-Flag Vessels

The contractor agrees:
a. to use privately owned United States-Flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to the underlying contract to the extent such vessels are available at fair and reasonable rates for United States-Flag commercial vessels;
b. to furnish within 20 working days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, "on-board" commercial ocean bill-of-lading in English for each shipment of cargo described in the preceding paragraph to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590 and to the WRTA (through the contractor in the case of a subcontractor's bill-of-lading.); and
c. to include these requirements in all subcontracts issued pursuant to this contract when the subcontract may involve the transport of equipment, material, or commodities by ocean vessel.

15. FLY AMERICA – *Applies to All Procurements involving foreign transport or travel by air*

49 U.S.C. § 40118
41 C.F.R. part 301-10
48 C.F.R. part 47.4

Fly America Requirements
a) Definitions. As used in this clause—
"International air transportation" means transportation by air between a place in the United States and a place outside the United States or between two places both of which are outside the United States.
"United States" means the 50 States, the District of Columbia, and outlying areas.
"U.S.-flag air carrier" means an air carrier holding a certificate under 49 U.S.C. Chapter 411.
b) When Federal funds are used to fund travel, Section 5 of the International Air Transportation Fair Competitive Practices Act of 1974 (49 U.S.C. 40118) (Fly America Act) requires contractors, WRTAs, and others use U.S.-flag air carriers for U.S. Government-financed international air transportation of personnel (and their personal effects) or property, to the extent that service by those carriers is available. It requires the Comptroller General of the United States, in the absence of satisfactory proof of the necessity for foreign-flag air transportation, to disallow expenditures from funds, appropriated or otherwise established for the account of the United States, for international air transportation secured aboard a foreign-flag air carrier if a U.S.-flag air carrier is available to provide such services.

c) If available, the Contractor, in performing work under this contract, shall use U.S.-flag carriers for international air transportation of personnel (and their personal effects) or property.
d) In the event that the Contractor selects a carrier other than a U.S.-flag air carrier for international air transportation, the Contractor shall include a statement on vouchers involving such transportation essentially as follows:

Statement of Unavailability of U.S.-Flag Air Carriers
International air transportation of persons (and their personal effects) or property by U.S.-flag air carrier was not available or it was necessary to use foreign-flag air carrier service for the following reasons. See FAR § 47.403. [State reasons]:
_____ *(End of statement)*
e) The Contractor shall include the substance of this clause, including this paragraph (e), in each subcontract or purchase under this contract that may involve international air transportation. *(End of Clause)*

16. DISADVANTAGED BUSINESS ENTERPRISE (DBE) – *Applies to All Procurement Types*
49 C.F.R. part 26

The following contract clause is required in all DOT-assisted prime and subcontracts:

a. This contract is subject to the requirements of Title 49, Code of Federal Regulations, Part 26, *Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs.* The national goal for participation of Disadvantaged Business Enterprises (DBE) is 10%. The WRTA's overall goal for DBE participation is 1.22%**.**

b. The contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contract. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the WRTA deems appropriate, which may include, but is not limited to:

(1) Withholding monthly progress payments;
(2) Assessing sanctions;
(3) Liquidated damages; and/or
(4) Disqualifying the contractor from future bidding as non-responsible. 49 C.F.R. § 26.13(b).

Each subcontract the contractor signs with a subcontractor must include the assurance in this paragraph (see 49 CFR 26.13(b)).

c. The successful bidder/offeror will be required to report its DBE participation obtained through race-neutral means throughout the period of performance.

d. PROMPT PAYMENT - The contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 30 days after the contractor's receipt of payment for that work from the WRTA**.** In addition, the contractor is required to return any retainage payments to those subcontractors within 30 days after the subcontractor's work related to this contract is satisfactorily completed.

e. The contractor must promptly notify the WRTA, whenever a DBE subcontractor performing work related to this contract is terminated or fails to complete its work, and must make good faith efforts to engage another DBE subcontractor to perform at least the same amount of work. The contractor may not terminate any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of the WRTA**.**

17. RECYCLED PRODUCTS – *Applies to Operations/Management/Subrecipients; Rolling Stock; Construction Procurements - EPA Selected Items >$10,000 Annually*
42 U.S.C. § 6962
40 C.F.R. part 247

2 C.F.R. part § 200.322

Recovered Materials The Contractor agrees to provide a preference for those products and services that conserve natural resources, protect the environment, and are energy efficient by complying with and facilitating compliance with Section 6002 of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6962, and U.S. Environmental Protection WRTA (U.S. EPA), "Comprehensive Procurement Guideline for Products Containing Recovered Materials," 40 C.F.R. part 247.

18. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT – *Applies to All Procurements*

2 CFR 200.216

The contractor is prohibited from obligating or expending Federal funds to:

1. Procure or obtain
2. Extend or renew a contract to procure or obtain; or
3. Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, "covered telecommunications equipment or services" is:
    a. Telecommunications equipment provided by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities)
    b. For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
    c. Telecommunications or video surveillance services provided by such entities or using such equipment.
    d. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

The contractor shall not provide covered telecommunications equipment or services in the performance of this contract.

19. NOTICE TO FTA AND U.S. DOT INSPECTOR GENERAL OF INFORMATION RELATED TO FRAUD, WASTE, ABUSE, OR OTHER LEGAL MATTERS – *Applies to All Contracts in excess of $25,000*

FTA Master Agreement §39(b)

If a current or prospective legal matter that may affect the Federal Government emerges, the Contractor must promptly notify the Worcester Regional Transit Authority (WRTA), which will promptly notify the FTA Chief Counsel and FTA Regional Counsel for the Region in which the WRTA is located. The Contractor must include an equivalent provision in its sub-agreements at every tier, for any agreement that is a "covered transaction" according to 2 C.F.R. §§ 180.220 and 1200.220.

- The types of legal matters that require notification include, but are not limited to, a major dispute, breach, default, litigation, or naming the Federal Government as a party to litigation or a legal disagreement in any forum for any reason.

- Matters that may affect the Federal Government include, but are not limited to, the Federal Government's interests in the Award, the accompanying Underlying Agreement between the FTA and the WRTA, and any Amendments thereto, or the Federal Government's administration or enforcement of federal laws, regulations, and requirements.

Additional Notice to U.S. DOT Inspector General. The Contractor must promptly notify the WRTA, which will promptly notify the U.S. DOT Inspector General in addition to the FTA Chief Counsel or Regional Counsel for the Region in which the WRTA is located, if the Contractor has knowledge of potential fraud, waste, or abuse occurring on a Project receiving assistance from FTA. The notification provision applies if a person has or may have submitted a false claim under the False Claims Act, 31 U.S.C. § 3729, et seq., or has or may have committed a criminal or civil violation of law pertaining to such matters as fraud, conflict of interest, bid rigging, misappropriation or embezzlement, bribery, gratuity, or similar misconduct involving federal assistance. This responsibility occurs whether the Project is subject to this Agreement or another agreement with the WRTA involving a principal, officer, employee, agent, or Third Party Participant of the Contractor. It also applies to subcontractors at any tier. Knowledge, as used in this paragraph, includes, but is not limited to, knowledge of a criminal or civil investigation by a Federal, state, or local law enforcement or other investigative agency, a criminal indictment or civil complaint, or probable cause that could support a criminal indictment, or any other credible information in the possession of the Contractor. In this paragraph, "promptly" means to refer information without delay and without change. This notification provision applies to all divisions of the Contractor, including divisions tasked with law enforcement or investigatory functions.

20. SAFE OPERATION OF MOTOR VEHICLES – *Applies to All Procurement Types*

23 U.S.C. part 402
Executive Order No. 13043
Executive Order No. 13513
U.S. DOT Order No. 3902.10
Seat Belt Use

Seat Belt Use: The Contractor is encouraged to adopt and promote on-the-job seat belt use policies and programs for its employees and other personnel that operate company-owned vehicles, company- A-60 rented vehicles, or personally operated vehicles. The terms "company-owned" and "company-leased" refer to vehicles owned or leased either by the Contractor or WRTA.

Distracted Driving: The Contractor agrees to adopt and enforce workplace safety policies to decrease crashes caused by distracted drivers, including policies to ban text messaging while using an electronic device supplied by an employer, and driving a vehicle the driver owns or rents, a vehicle Contactor owns, leases, or rents, or a privately-owned vehicle when on official business in connection with the work performed under this agreement.

21. AMERICANS WITH DISABILITIES ACT (ADA) - *Applies to All Procurement Types*

ADA Access - This requirement applies to contracts for Architectural and Engineering Services. The contractor agrees to comply with the requirements of 49 U.S.C. § 5301 (d), which states the Federal policy that the elderly and persons with disabilities have the same right as other persons to use mass transportation service and facilities, and that special efforts shall be made in planning and designing those services and facilities to implement that policy. The contractor also agrees to comply with all applicable requirements of section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. § 794, which prohibits discrimination on the basis of handicaps, with the Americans with Disabilities Act of 1990 (ADA), as amended, 42 U.S.C. §§ 12101 et seq., which requires that accessible facilities and services be made available to persons with disabilities, including any subsequent amendments to that Act, and with the Architectural Barriers act of 1968, as amended, 42 U.S.C. §§ 4151 et seq., which requires that buildings and public accommodations be accessible to persons with disabilities, including any subsequent amendments to that Act. In addition, the contractor agrees to comply with any and all applicable requirements issued by the FTA, DOT, DOJ, U.S. GSA, U.S. EEOC, U.S. FCC, any subsequent amendments thereto and any other nondiscrimination statute(s) that may apply to the Project.

22. CONFORMANCE WITH ITS NATIONAL ARCHITECTURE - *Applies to All Procurement Types*

ITS projects shall conform to the National ITS Architecture and standards. Conformance with the National ITS Architecture is interpreted to mean the use of the National ITS Architecture to develop a regional ITS architecture in support of integration and the subsequent adherence of all ITS projects to that regional ITS architecture. Development of the regional ITS architecture should be consistent with the transportation planning process for Statewide and Metropolitan Transportation Planning (49 CFR Part 613 and 621).

- End Exhibit H –

EXHIBIT I

PROTEST PROCEDURES

The following Bid Protest Procedures apply to Federal Transit Administration (FTA) assisted procurements that are competitively solicited. Interested parties must adhere to the following procedures. A protest will be processed in the time frames and structure specified below.

A. PRIOR TO OFFER OPENING

1. Protests concerning a procurement (by a prime contractor or an adversely affected subcontractor) must be in writing and received by WRTA not less than five (5) working days before offer opening unless a different deadline is established in the procurement documents.

2. Upon receipt of that protest, the Administrator will determine if the offer opening should be postponed. If offer opening is postponed, WRTA will notify all prime contractors and subcontractors who have been furnished a copy of the specifications that a protest has been filed and that offer opening is postponed until WRTA has issued its decision. Appropriate addenda will be issued rescheduling offer opening.

3. Any protest to WRTA may be withdrawn at any time before WRTA has issued its decision.

4. WRTA will respond within three (3) working days of receiving the protest, at least generally, to each material issue raised in the Protest. If the matter requires further evaluation, the Administrator will notify the protesting party in writing (by email) of the extended review period. The Administrator's decision on any protest will be in writing and is final.

B. AFTER OFFER OPENING

1. Protests received after an offer opening will be considered only if it concerns an issue, procedure, or other matter that could not have been protested by an offeror prior to the opening. The protest must be in writing and be received by WRTA at least three (3) working days before the conditional award of a contract by the WRTA.

2. Upon receipt of the protest, the Administrator will immediately determine if the award of the contract should be postponed. If it is postponed, WRTA will notify all offerors that a protest has been filed and that award of the contract is postponed until WRTA has issued its decision.

3. A protest to WRTA may be withdrawn at any time before WRTA has issued its decision.

4. WRTA will respond within three (3) working days of receiving the protest, at least generally, to each material issue raised in the Protest. If the matter requires further evaluation, the Administrator will notify the protesting party in writing (by email) of the extended review period. The Administrator's decision on any protest will be in writing and is final.

C. AFTER AWARD

1. Protests received after an award has been made will be considered only if it concerns an issue, procedure or other matter that could not have been protested by an offeror after the opening. The protest must be in writing and received by the WRTA three (3) working days after the posting of the Notice of Award is made to participating bidders.

2. Upon receipt of the protest, the Administrator will immediately determine if the execution of the contract should be postponed. If it is postponed, WRTA will notify all offerors that a protest has been filed and that execution of the contract is postponed until WRTA has issued its decision.

3. A protest to WRTA may be withdrawn at any time before WRTA has issued its decision.

4. WRTA will respond within three (3) working days of receiving the protest, at least generally, to each material issue raised in the Protest. If the matter requires further evaluation, the Administrator will notify the protesting party in writing (by email) of the extended review period. The Administrator's decision on any protest will be in writing and is final.

D. APPEALS

1. Except as provided above, there are no further administrative appeals available. In certain circumstances judicial remedies may be available to aggrieved parties.

The WRTA will consider all written protests made within the timelines stated in this policy. Protest submissions should be concise, logically arranged, clearly state the grounds for the protest, and must include at least the following information:

- Name, address, and telephone number of protester.
- Solicitation or contract name and/or number.
- A detailed statement of the legal and factual grounds for the protest, including copies of all relevant documents or information.
- A statement of relief requested.

Protests are to be filed by certified mail, return receipt requested or by personal deliver by 4:30 pm on or before the due date at:

Administrator
Worcester Regional Transit Authority
60 Foster Street

Worcester, MA 01608
If protests are filed by personal delivery, the protestor must obtain a time-stamped copy of the protest from the WRTA's Administration Office as proof of the date and time of the filing of the protest. It is the Protester's sole responsibility to provide said copy at the time of filing.

- End Exhibit I –

EXHIBIT J

EXISTING EQUIPMENT AND PROPOSED RECOMMENDATIONS

Line Item	Name	Existing Notes	Recommendation
1	C North Tower Stairwell	1. Field of view is limited needs more coverage	1. Re-use existing cabling 2. Replace camera with compatible camera with larger field of view, similar to 270 degree camera 3. Camera shall cover both doors. 4. Return existing camera to WRTA
2	C5 South Tower Stairwell	1. Camera field of view covers the intended space. 2. Existing camera is angled making field of view awkward. 3. Camera is situated high on wall, this is not ideal for facial recognition, however person would have already passed multiple cameras which would have seen their face.	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
3	C7 1st floor Elevator Lobby	1. Camera is in low light mode	1. Re-use Existing cabling 2. Replace camera with new camera 3. Duplicate existing Field of view
4	A Entrance	1. Field of view is very Blurry 2. Very Important Area for Coverage 3. Camera is mounted very high on the side of the building	1. Re-use existing cabling 2. Replace camera with a high megapixel camera allowing for better digital zoom. 3. Provide sun-shade if available from manufacturer 4. Ensure camera lens or viewing port has dust coating and water coating
5	Bay 6	1. Camera is in the appropriate location. 2. Field of view is good 3. Camera is experiencing washout due to difference in brightness under canopy and outside of canopy	1. Replace Camera with camera capable of providing proper low light and bright light filtering. 2. remove fiber-optic cable and replace with long range IP cable. 3. replicate existing field of view.

6	Bay 3	1. Camera is in the appropriate location. 2. Field of view is good 3. Camera is experiencing washout due to difference in brightness under canopy and outside of canopy	1. Replace Camera with camera capable of providing proper low light and bright light filtering. 2. remove fiber-optic cable and replace with long range IP cable. 3. replicate existing field of view.
7	Bay 2	1. Camera is in the appropriate location. 2. Field of view is good 3. Camera is experiencing washout due to difference in brightness under canopy and outside of canopy	1. Replace Camera with camera capable of providing proper low light and bright light filtering. 2. remove fiber-optic cable and replace with long range IP cable. 3. replicate existing field of view.
8	Front Platform 4&5	1. The camera's field of view is obstructed by newly installed variable message signage	1. Replace Camera with camera capable of providing proper low light and bright light filtering. 2. remove fiber-optic cable and replace with long range IP cable. 3. Install new camera to provide better view of Bay 4. (Bay 5 has a second camera)
9	Bay 8	1. Camera is in the appropriate location. 2. Field of view is good 3. Camera is experiencing washout due to difference in brightness under canopy and outside of canopy	1. Replace Camera with camera capable of providing proper low light and bright light filtering. 2. remove fiber-optic cable and replace with long range IP cable. 3. replicate existing field of view.
10	C12 Outdoor West	1. Camera field of view is good however the area requires additional coverage 2. Better coverage towards customer Service window is key	1.Replace existing camera with multi-sensor device consisting of 4 or more cameras to provide better coverage. 2. Re-use existing cable, and extend existing cable with water tight connection. 3. Lower camera height with approve pendant. 4. Provide coverage of pedestrian walkway, Customer Service Window, Entrance doors, and vehicle ramp/sidewalk approaching the facility

11	Bay 5	1. Camera is in the appropriate location. 2. Field of view is good 3. Camera is experiencing washout due to difference in brightness under canopy and outside of canopy	1. Replace Camera with camera capable of providing proper low light and bright light filtering. 2. remove fiber-optic cable and replace with long range IP cable. 3. replicate existing field of view.
12	B Entrance	1. Camera is currently viewing pedestrian walkway from train station, pedestrian ramp, and top of stairs 2. Camera is mounted high to canopy	1.Replace existing camera with multi-sensor device consisting of 4 or more cameras to provide better coverage. 2. Re-use existing cable, and extend existing cable with water tight connection. 3. Lower camera height with approve pendant. 4. Provide coverage of pedestrian walkway, Customer Service Window, Entrance doors, and vehicle ramp/sidewalk approaching the facility
13	C15 Rear of Platform	1. Camera location is good 2. Camera appears to be in working order	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Re-aim and focus camera after C-Box is removed.
14	C13 Bay 6 & TVM	1. Camera is in the appropriate location. 2. Field of view is good 3. Camera is experiencing washout due to difference in brightness under canopy and outside of canopy	1. Replace Camera with camera capable of providing proper low light and bright light filtering. 2. remove fiber-optic cable and replace with long range IP cable. 3. replicate existing field of view.
15	Foster and Front End	1. General Surveillance view 2. Dome seems slightly dirty 3. potentially new slips being added in this area 4. Landscaping is subject to change	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary

16	C6 Customer Service Hallway	1. Cameras were out of service due to construction	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
17	Customer Service	1. Interior Camera 2. not working due to construction	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
18	Vestibule to Platforms	1. Cameras were out of service due to construction	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
19	Lobby Chairs	1. Cameras were out of service due to construction	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
20	Main Seating Area	1. Cameras were out of service due to construction	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary

21	Crosswalk to Union Station	1. View washed out by sun light	1. Re-use existing cabling 2. Replace Camera with 360 degree camera. 3. Extend cabling with waterproof connection. 4. Camera will provide coverage of crosswalk, pedestrian ramp, stairs, bus roadway area toward bus gates, pedestrian crossing to union station, and pedestrian crossing to Central Hub
22	3rd floor hallway camera	1. Camera location is good 2. Camera appears to be in working order	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
23	2nd Floor Hallway	1. Good field of view	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
24	Driver Break Room	1. Good view 2. Can audio be added and recorded	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary

25	60 Foster Front	1. Good view 2. outdoor camera 3. During site walk it was determined this device is a more recent multi-sensor device and only one camera feed is being utilized. Camera housing appears to have another 3-4 cameras inside of it which are not configured.	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary 5. Identify and configure additional devices inside camera housing, assume 4 additional devices total. Aim and provide additional coverage of building perimeter and plaza areas
26	60 foster front street view	1. Good view 2. outdoor camera 3. During site walk it was determined this device is a more recent multi-sensor device and only one camera feed is being utilized. Camera housing appears to have another 3-4 cameras inside of it which are not configured.	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary 5. Identify and configure additional devices inside camera housing, assume 4 additional devices total. Aim and provide additional coverage of building perimeter and plaza areas
27	C22 Platform Crosswalk	1. Good field of view 2. Good location	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
28	South Employee Entrance	1. Good field of view 2. Good location	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary

29	South Street View	1. Good field of view 2. Good location	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
30	South Corner	1. area needs more coverage 2. Camera appears operational	1. Replace existing camera with a fish eye. 2. install new mount to provide additional coverage and field of view
31	South Front Entrance	1. Good field of view 2. Camera is in good condition	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
32	C16 Bay 1	1. Good location 2. Field of view is acceptable but could be improve with re-aiming	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary
33	Safe	1. Cameras were out of service due to construction	1. Inspect camera and cable. Identify any issues during inspection. 2. Clean dome. 3. Provide clear label on camera matching device name in system. 4. Verify field of view, re-aim, refocus as necessary

- End Exhibit J –

EXHIBIT K

COST PROPOSAL

(Next Page)

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
Replace Existing Devices								
C North Tower Stairwell (Input)								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C North Tower Stairwell (Input)				$0.00		$0.00		$0.00
C9 Outside East								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C9 Outside East				$0.00		$0.00		$0.00
C19 Bay 7								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C19 Bay 7				$0.00		$0.00		$0.00
C7 1st Floor Elevator Lobby								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C7 1st Floor Elevator Lobby				$0.00		$0.00		$0.00

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
A Entrance								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SPB-PTZ85W **or Equal** Smoked Dome Cover (Black)	1	EA				$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total A Entrance				$0.00		$0.00		$0.00
C21 Bay 6								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Remove fiber-optic cable	350	LF		$0.00			$0.00	$0.00
Install CAT 6 Long Range	350	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C21 Bay 6				$0.00		$0.00		$0.00
C20 Bay 3								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Remove fiber-optic cable	350	LF		$0.00			$0.00	$0.00
Install CAT 6 Long Range	350	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C20 Bay 3				$0.00		$0.00		$0.00

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
C18 Bay 2								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Remove fiber-optic cable	350	LF		$0.00			$0.00	$0.00
Install CAT 6 Long Range	350	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C18 Bay 2				$0.00		$0.00		$0.00
C14 Front Platform 4 & 5								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Remove fiber-optic cable	350	LF		$0.00			$0.00	$0.00
Install CAT 6 Long Range	350	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C14 Front Platform 4 & 5				$0.00		$0.00		$0.00
C17 Bay 8								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Remove fiber-optic cable	350	LF		$0.00			$0.00	$0.00
Install CAT 6 Long Range	350	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C17 Bay 8				$0.00		$0.00		$0.00

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
C12 Outdoor West								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Hanwha Vision PNM-C32083RVQ 4 x 8MP 4-Channel **or Equal** camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-250HNW **or Equal** White Cap Adapter	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-300CMW **or Equal** Pendant Mount	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C12 Outdoor West				$0.00		$0.00		$0.00
Bay 5								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Remove fiber-optic cable	350	LF		$0.00			$0.00	$0.00
Install CAT 6 Long Range	350	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total Bay 5				$0.00		$0.00		$0.00
B Entrance								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Hanwha Vision PNM-C32083RVQ 4 x 8MP 4-Channel **or Equal** camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-250HNW **or Equal** White Cap Adapter	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-300CMW **or Equal** Pendant Mount	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total B Entrance				$0.00		$0.00		$0.00

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
C13 Bay 6 & TVM								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Remove fiber-optic cable	350	LF		$0.00			$0.00	$0.00
Install CAT 6 Long Range	350	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total C13 Bay 6 & TVM				$0.00		$0.00		$0.00
Crosswalk to Union Station								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Remove fiber-optic cable	350	LF		$0.00			$0.00	$0.00
Install CAT 6 Long Range	350	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total Crosswalk to Union Station				$0.00		$0.00		$0.00
South Corner								
Disconnect old camera with mount	1	LS		$0.00			$0.00	$0.00
Hanwha Vision XNF-9013RV 12MP **or Equal** Outdoor Fisheye Network Dome Camera with Night Vision w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-300WMW1 **or Equal** Wall Mount	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total South Corner				$0.00		$0.00		$0.00
Total Replace Existing Devices				**$0.00**		**$0.00**		**$0.00**

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
New Devices								
Taxi Lane								
RGS Conduit	600	LF		$0.00		$0.00	$0.00	$0.00
Install CAT 6 Long Range	900	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	3	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	3	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	3	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	3	EA		$0.00			$0.00	$0.00
Total Taxi Lane				$0.00		$0.00		$0.00
Stairwell and Ramp to Union Station								
RGS Conduit	200	LF		$0.00		$0.00	$0.00	$0.00
Install CAT 6 Long Range	200	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision PNM-C32083RVQ 4 x 8MP 4-Channel **or Equal** Camera w/labeling	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-2500HMW **or Equal** White Cap Adapter	1	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SPB-300CMW **or Equal** Pendent Mount	1	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	1	EA		$0.00			$0.00	$0.00
Total Stairwell and Ramp to Union Station				$0.00		$0.00		$0.00
Parking & Area Behind E-Bus Charging Equipment								
Install CAT 6 Long Range	700	LF		$0.00		$0.00	$0.00	$0.00
Ethernet SFP module for the Switch	2	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision XNP-6400 2MP 40x PTZ **or Equal** Camera w/labeling	2	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SBP-156HMW **or Equal** Hanging Mount (White)	2	EA		$0.00		$0.00	$0.00	$0.00
Hanwha Vision SPB-300CMW **or Equal** Pendent Mount	2	EA		$0.00		$0.00	$0.00	$0.00
Add camera to the network	2	EA		$0.00			$0.00	$0.00
Total Parking & Area Behind E-Bus Charging Equipment				$0.00		$0.00		$0.00
Total New Devices				**$0.00**		**$0.00**		**$0.00**

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
Initial Inspection, Repointing, and Cleaning - Existing Cameras								
C5 South Tower Stairwell								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total C5 South Tower Stairwell				$0.00		$0.00		$0.00
C15 Rear of Platform								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total C15 Rear of Platform				$0.00		$0.00		$0.00
Foster and Front Ent.								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total Foster and Front Ent.				$0.00		$0.00		$0.00
3rd Floor Hallway								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total 3rd Floor Hallway				$0.00		$0.00		$0.00
2nd Floor Hallway								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total 2nd Floor Hallway				$0.00		$0.00		$0.00

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
Driver's Break Room								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total Driver's Breakroom				$0.00		$0.00		$0.00
60 Foster Street								
Disconnect, repoint, and re-install existing camera	4	EA		$0.00			$0.00	$0.00
Configure the other (3) existing multi-sensor cameras to the network	3	EA		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Total 60 Foster Street				$0.00		$0.00		$0.00
60 Foster Street View								
Disconnect, repoint, and re-install existing camera	4	EA		$0.00			$0.00	$0.00
Configure the other (3) existing multi-sensor cameras to the network	3	EA		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Total 60 Foster Street View				$0.00		$0.00		$0.00
C22 Platform to Crosswalk								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total C22 Platform to Crosswalk				$0.00		$0.00		$0.00
South Employee Entrance								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total South Employee Entrance				$0.00		$0.00		$0.00

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
South Street View								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total South Street View				$0.00		$0.00		$0.00
South Front Entrance								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total South Front Entrance				$0.00		$0.00		$0.00
C16 Bay 1								
Disconnect, repoint, and re-install existing camera	1	LS		$0.00			$0.00	$0.00
Clean Dome and label existing camera	1	LS		$0.00			$0.00	$0.00
Reconnect camera to network	1	EA		$0.00			$0.00	$0.00
Total C16 Bay 1				$0.00		$0.00		$0.00
Initial Inspection, Repointing, and Cleaning - Existing Cameras				**$0.00**		**$0.00**		**$0.00**
Local NVR Recording								
Local NVR Recording								
Hanwha Vision 64-Channel 8k NVR with 12th Gen Intel Processor (No HDD) XRN-6420DB4 **or Equal**	1	EA		$0.00		$0.00	$0.00	$0.00
CAT 6 Long Range	100	LF		$0.00		$0.00	$0.00	$0.00
Hotswapple 10TB HDD Storage **or Equal** for 60-day retention	12	EA				$0.00	$0.00	$0.00
Total Local NVR Recording				$0.00		$0.00		$0.00

Worcester Regional Transit Authority

RFP #2027-04 - Camera System and Associated Infrastructure Upgrades

ENTER COSTS IN GREY BOXES ONLY

Exhibit K - Cost Proposal

Description	Net Quantity		Labor		Material		Total	
	No. of Units	Unit Meas.	Unit Labor	Total Labor	Unit Material	Total Material	Unit Cost	Total Cost
Equipment Needed to Complete Project (i.e.: RGS Conduit, Lift Rental, etc.)								
Total Equipment Needed to Complete Project								$0.00
Total Project Cost - Basis of Cost Evaluation								$0.00

Annual Inspection and Maintenance *	**Quantity**	**Annual Inspection and Maintenance**			
The Contractor shall provide an annual inspection and preventive maintenance service for all cameras and associated equipment comprising the WRTA camera system. See section 5.7 of the RFP for more details	**No. of Units**	**Annual Cost Year 2**	**Annual Cost Year 3**	**Annual Cost Year 4**	**Annual Cost Year 5**
	46				

* In addition to the 31 cameras listed on this cost proposal for either replacement or updating, there are 15 additional cameras that have been added within the past 6 months that will need to be included in the annual inspection and maintenance program

On-Call Services	**On-Call Services**				
The WRTA may, at its discretion, request on-call services to the existing camera system. See Section 5.9 of the RFP for more details	**Labor Cost / Hr Year 1**	**Labor Cost / Hr Year 2**	**Labor Cost / Hr Year 3**	**Labor Cost / Hr Year 4**	**Labor Cost / Hr Year 5**

EXHIBIT L

AGREEMENT FOR SERVICES

(Next Page)

AGREEMENT FOR GOODS AND SERVICES
BY AND BETWEEN
WORCESTER REGIONAL TRANSIT AUTHORITY
AND
CONTRACTOR

THIS AGREEMENT made this ___ day of _____ 2026 by and between the Worcester Regional Transit Authority (hereinafter referred to as the "WRTA") a body politic and political subdivision of the Commonwealth of Massachusetts established pursuant to M.G.L. Chapter 161b, and having a usual place of business at 60 Foster Street, Worcester, Massachusetts, and _____, a _____corporation with a usual place of business at _____, hereinafter referred to as the "CONTRACTOR".

WITNESSETH:

WHEREAS, the WRTA invited the submission of proposals for the procurement and installation of a _____, hereinafter "the Project"; and

WHEREAS, the CONTRACTOR submitted a Proposal to perform the work required to complete the Project; and

WHEREAS, the WRTA has decided to award the contract therefor to the CONTRACTOR.

NOW, THEREFORE, the WRTA and the CONTRACTOR agree as follows:

1. CONTRACT DOCUMENTS. The Contract Documents consist of this Agreement, the Request for Proposal, the Federal Contract Clauses, any Addendum to the RFP, and the CONTRACTOR's Proposal. The Contract Documents constitute the entire Agreement between the parties concerning the work, and all are as fully a part of this Agreement as if attached hereto.

2. THE WORK. The Work consists of _____, as more fully described in the Contract Documents as defined above.

3. TERM OF CONTRACT. This Agreement shall be in effect from _____ and shall expire on _____, unless terminated earlier pursuant to the terms hereof.

4. COMPENSATION.
   A. The WRTA shall pay the CONTRACTOR as full compensation for the performance of the work outlined in Section 3 above the contract sum of $_____.

   B. The acceptance by the CONTRACTOR of final payment for items and/or services provided shall be deemed a release of the WRTA from any and all claims and liabilities under this Agreement.

C. Neither the WRTA's review, approval or acceptance of, nor payment for any of the items and/or services provided shall be construed to operate as a waiver of any rights of the WRTA under the Agreement or any cause of action arising out of the performance of the agreement.

D. The WRTA shall cancel this Agreement if funds are not appropriated or otherwise made available to support continuation of performance in any fiscal year succeeding the current fiscal year as required.

5. PAYMENT OF COMPENSATION. The WRTA shall make payments within thirty (30) days after its receipt of Invoice.

6. LIABILITY OF THE WRTA. The WRTA's liability hereunder shall be to make all payments when they shall become due, and the WRTA shall be under no further obligation or liability. Nothing in this Agreement shall be construed to render the WRTA or any elected or appointed official or employee of the WRTA, or their successors in office, personally liable for any obligation under this Agreement.

7. INDEPENDENT CONTRACTOR. The CONTRACTOR acknowledges and agrees that it is acting as an independent contractor for all work and services rendered pursuant to this Agreement, and shall not be considered an employee or agent of the WRTA for any purpose.

8. INDEMNIFICATION.
A. General Liability: The CONTRACTOR shall indemnify and hold harmless the WRTA from and against any and all claims, damages, losses, and expenses, including attorney's fees, to the extent arising out of the performance of this Agreement and to the extent the same relate to matters of general commercial liability, when such claims, damages, losses, and expenses are caused, in whole or in part, by the negligent or wrongful acts or omissions of the CONTRACTOR or their employees, agents, subcontractors or representatives.

B. Professional Liability: The CONTRACTOR shall indemnify and hold harmless the WRTA from and against any and all claims, damages, losses, and expenses, including attorney's fees, arising out of the performance of this Agreement and to the extent the same relate to the professional competence of the CONTRACTOR's services, when such claims, damages, losses, and expenses are caused, in whole or in part, by the negligent acts, negligent errors or omissions of the CONTRACTOR or their employees, agents, subcontractors or representatives.

9. INSURANCE.
A. The CONTRACTOR shall obtain and maintain in full force and effect during the term of this Agreement the insurance coverage in companies licensed to do business in the Commonwealth of Massachusetts, and acceptable to the WRTA, as set forth below:

General Liability

Bodily Injury Liability	$1,000,000 per occurrence
Property Damage Liability	$500,000 per occurrence
(or combined single limit)	$1,000,000 per occurrence

Automobile Liability

Bodily Injury Liability	$1,000,000 per occurrence
Property Damage Liability	$500,000 per occurrence
(or combined single limit)	$1,000,000 per occurrence

Workers' Compensation Insurance
Coverage for all employees in accordance with Massachusetts General Laws

Professional Liability Insurance
Minimum Coverage $1,000,000 per occurrence

Cyber Liability Insurance
Minimum Coverage $1,000,000 per occurrence

Umbrella Liability Insurance $1,000,000 per occurrence

B. The following stipulations apply to all policies:

(a) All policies (except for Workers' Compensation coverage) shall be endorsed to name the entities listed above as additional insureds, their subsidiaries, officers, agents and employees and any other entity specified by Worcester Regional Transit Authority as additional insured. The endorsement shall further provide that additional insureds shall not be affected by any breach by Proposer of any provision of said policy.

(b) All policies of insurance shall be primary and non-contributory and shall be with an insurance company with a current A.M. Best Rating (or similar rating if no longer available) of A-VIII or better; and authorized to do business in the state or commonwealth in which the work is being performed or the goods are being delivered.

(c) All insurance policies in any way related to this Agreement and secured and maintained by the Proposer shall include a clause stating that each insurance company will waive all rights of recovery, under subrogation or otherwise, against the Worcester Regional Transit Authority. Further, the Proposer shall provide a copy of the endorsement to the Workers' Compensation policy stating that a waiver has been granted in favor of the Worcester Regional Transit Authority.

(d) Proposer shall furnish certificates of insurance prior to entry onto the property and provide renewal certificates within 60 days prior to the expiration of the

policies. Worcester Regional Transit Authority failure to review said certificates of insurance and letters or copies of insurance policies shall not be deemed to be a waiver of Proposer's obligations to comply with all provisions.

(e) All policies shall contain a minimum of 30 days' notice of cancellation with notice to Worcester Regional Transit Authority.

10. ASSIGNMENT. The CONTRACTOR shall not assign, sublet or otherwise transfer this Agreement, in whole or in part, without the prior written consent of the WRTA, and shall not assign any of the moneys payable under this Agreement, except by and with the written consent of the WRTA.

11. TERMINATION.

A. Termination for Convenience (General Provision)

The WRTA may terminate this contract, in whole or in part, at any time by written notice to the Contractor when it is in the WRTA's best interest. The CONTRACTOR shall be paid its costs, including contract close-out costs, and profit on work performed up to the time of termination. The CONTRACTOR shall promptly submit its termination claim to WRTA to be paid the CONTRACTOR. If the CONTRACTOR has any property in its possession belonging to WRTA, the CONTRACTOR will account for the same, and dispose of it in the manner WRTA directs.

B. Termination for Default [Breach or Cause] (General Provision)

If the CONTRACTOR does not deliver supplies in accordance with the contract delivery schedule, or if the contract is for services, the CONTRACTOR fails to perform in the manner called for in the contract, or if the CONTRACTOR fails to comply with any other provisions of the contract, the WRTA may terminate this contract for default. Termination shall be effected by serving a Notice of Termination on the CONTRACTOR setting forth the manner in which the CONTRACTOR is in default. The CONTRACTOR will be paid only the contract price for supplies delivered and accepted, or services performed in accordance with the manner of performance set forth in the contract.
If it is later determined by the WRTA that the CONTRACTOR had an excusable reason for not performing, such as a strike, fire, or flood, events which are not the fault of or are beyond the control of the CONTRACTOR, the WRTA, after setting up a new delivery of performance schedule, may allow the CONTRACTOR to continue work, or treat the termination as a Termination for Convenience.

C. Opportunity to Cure (General Provision)

The WRTA, in its sole discretion may, in the case of a termination for breach or default, allow the CONTRACTOR [an appropriately short period of time] in which to cure the defect. In such case, the Notice of Termination will state the time period in which cure is permitted and other appropriate conditions
If CONTRACTOR fails to remedy to WRTA's satisfaction the breach or default of any of the terms, covenants, or conditions of this Contract within [10 days] after receipt by CONTRACTOR of written notice from WRTA setting forth the nature of said breach or

default, WRTA shall have the right to terminate the contract without any further obligation to CONTRACTOR. Any such termination for default shall not in any way operate to preclude WRTA from also pursuing all available remedies against CONTRACTOR and its sureties for said breach or default.

D. Waiver of Remedies for any Breach
In the event that WRTA elects to waive its remedies for any breach by CONTRACTOR of any covenant, term or condition of this contract, such waiver by WRTA shall not limit WRTA's remedies for any succeeding breach of that or of any other covenant, term, or condition of this contract.

E. Termination for Default (Supplies and Service)
If the CONTRACTOR fails to deliver supplies or to perform the services within the time specified in this contract or any extension, or if the CONTRACTOR fails to comply with any other provisions of this contract, the WRTA may terminate this contract for default. The WRTA shall terminate by delivering to the CONTRACTOR a Notice of Termination specifying the nature of the default. The CONTRACTOR will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner or performance set forth in this contract.
If, after termination for failure to fulfill contract obligations, it is determined that the CONTRACTOR was not in default, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the WRTA.

12. INSPECTION AND REPORTS. The WRTA shall have the right at any time to inspect the work of the CONTRACTOR, including the right to enter upon any property owned or occupied by CONTRACTOR, whether situated within or beyond the limits of the WRTA. Whenever requested, CONTRACTOR shall immediately furnish to the WRTA full and complete written reports of his operation under this Contract in such detail and with such information as the WRTA may request.

13. ROYALTIES AND PATENTS. The CONTRACTOR shall pay all applicable royalties and license fees. In addition, the CONTRACTOR hereby represents that it is duly authorized to use any process or other intellectual property rights held by third parties in the performance of this Agreement, it shall defend all suits or claims for infringement of any patent or other intellectual property rights and shall indemnify and hold the WRTA harmless from loss on account thereof.

14. SUCCESSOR AND ASSIGNS. This Agreement is binding upon the parties hereto, their successors, assigns and legal representatives. Neither the WRTA nor the CONTRACTOR shall assign or transfer any interest in the Agreement without the written consent of the other.

15. COMPLIANCE WITH LAWS. The CONTRACTOR shall comply with all Federal, State and local laws, rules, regulations and orders applicable to the work provided pursuant to this Agreement, such provisions being incorporated herein by reference, and shall be

responsible for obtaining all necessary licenses, permits, and approvals required for the performance of such work.

16. NOTICE. Any and all notices, or other communications required or permitted under this Agreement, shall be in writing and delivered by hand or mailed postage prepaid, return receipt requested, by registered or certified mail or by other reputable delivery service, to the parties at the addresses set forth on Page 1 or furnished from time to time in writing hereafter by one party to the other party. Any such notice or correspondence shall be deemed given when so delivered by hand, if so mailed, when deposited with the U.S. Postal Service or, if sent by private overnight or other delivery service, when deposited with such delivery service.

17. SEVERABILITY. If any term or condition of this Agreement or any application thereof shall to any extent be held invalid, illegal or unenforceable by the court of competent jurisdiction, the validity, legality, and enforceability of the remaining terms and conditions of this Agreement shall not be deemed affected thereby unless one or both parties would be substantially or materially prejudiced.

18. GOVERNING LAW. This Agreement shall be governed by, construed and enforced in accordance with the laws of the Commonwealth of Massachusetts and the CONTRACTOR submits to the jurisdiction of any of its appropriate courts for the adjudication of disputes arising out of this Agreement.

19. ENTIRE AGREEMENT. This Agreement, including all documents incorporated herein by reference, constitutes the entire integrated agreement between the parties with respect to the matters described. This Agreement supersedes all prior agreements, negotiations and representations, either written or oral, and it shall not be modified or amended except by a written document executed by the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

WORCESTER REGIONAL TRANSIT AUTHORITY:

By its: Administrator

_____

Joshua Rickman

CONTRACTOR:

_____

(Signature)

_____

(Name and Title)

_____

(Date)

119962

EXHIBIT M

FIELD OF VIEW

(Next Page)

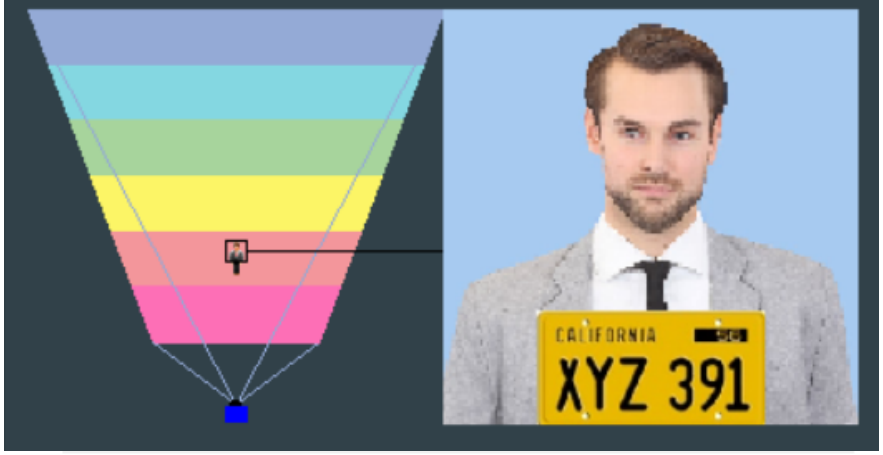
WRTA Central Hub Site Field of View

STV

11.09.2026

Values of zone limits

Zone Type	ppf	Visible
Monitoring	4	✓
Detection	8	✓
Observation	19	✓
Recognition	38	✓
Identification	76	✓
Strong Identification	303	✓

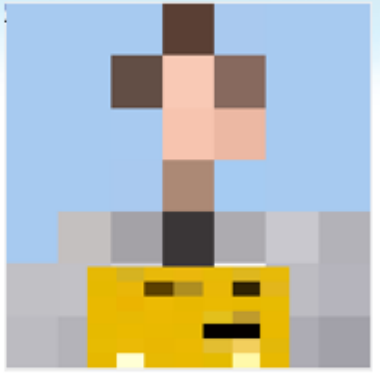




Observation @ 19ppf



Detection @ 8ppf



Monitoring @ 4ppf



Strong Identification @ 303ppf



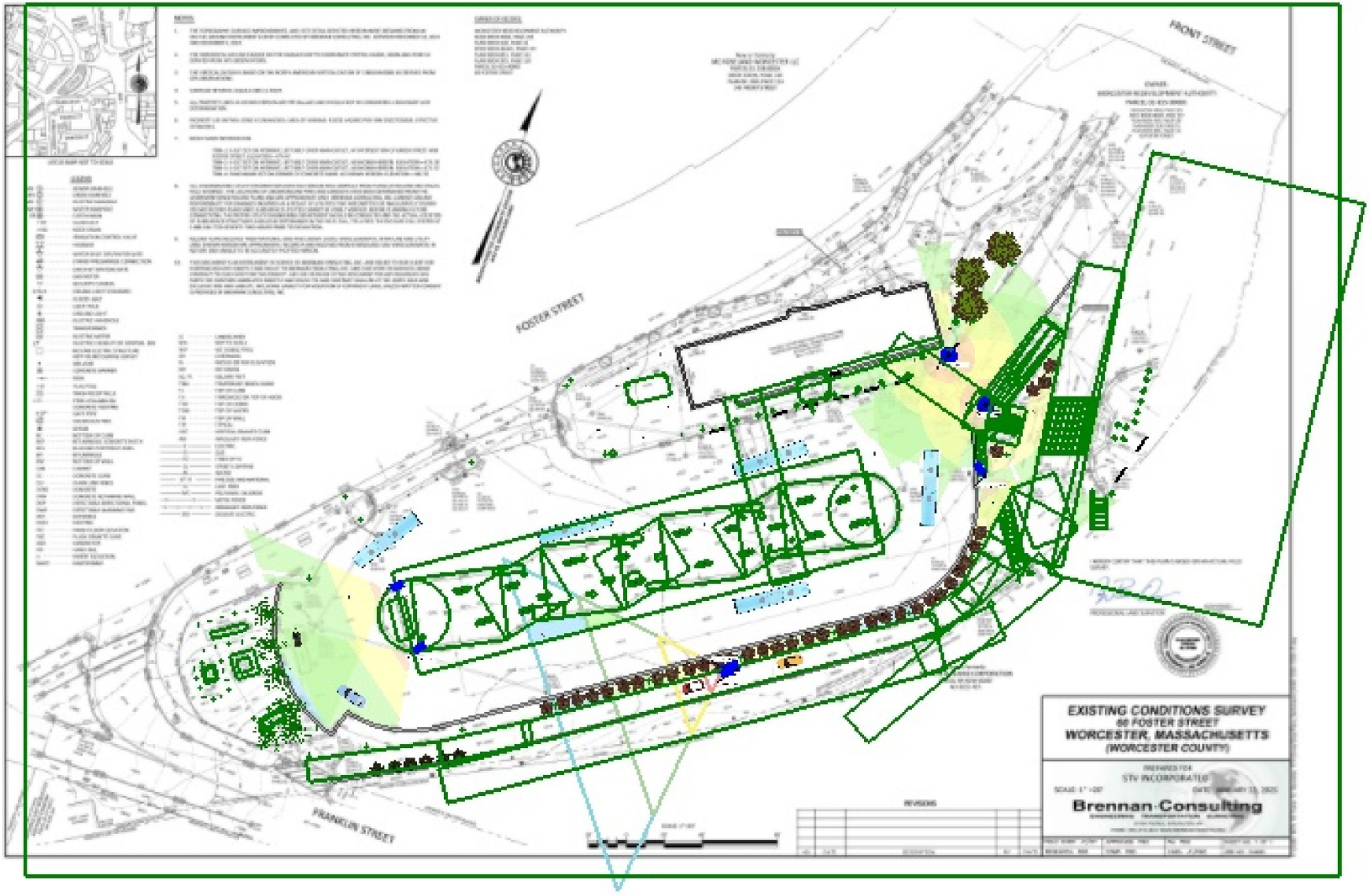
Identification @ 76ppf



Recognition @ 38ppf

Monitoring: used to monitor or perform crowd control.
Detection: human detection can be detected.
Observation: some characteristic personality details may be noticed, such as distinctive clothing.
Recognition: the CCTV operator may recognize a familiar person.
Identification: the CCTV operator can positively identify a person beyond reasonable doubt.
Inspection (Strong Identification): defined functional purpose of a camera to enable the operator to obtain information from objects.

Site Plan. Ground floor

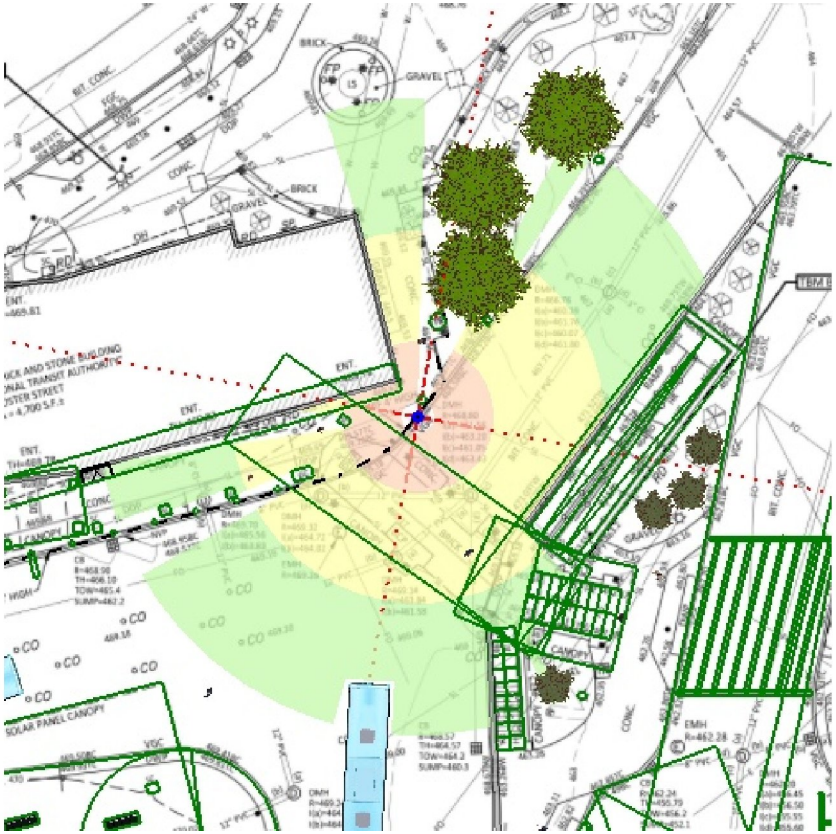




WRTA-CAM-01. Axis P3747-PLVE

Outdoor Panoramic camera 4x5MP IR 360 overview

Ground floor







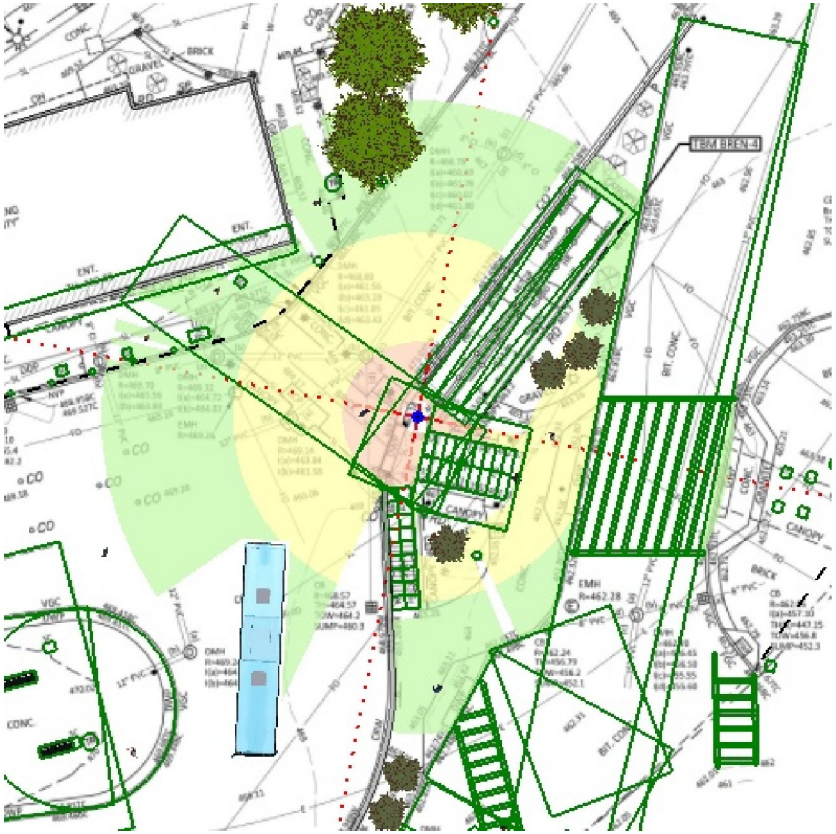
Camera ID	Model	Installation Height, ft	Resolution	Focal Length	Sensor Size	Pixels On Target, ppf
WRTA-CAM-01	Axis P3747-PLVE	9.0				
	WRTA-CAM-01-1		2560x1440	3.2	1/2.78"; 16:9	24
	WRTA-CAM-01-2		2560x1440	3.2	1/2.78"; 16:9	24
	WRTA-CAM-01-3		2560x1440	3.2	1/2.78"; 16:9	24
	WRTA-CAM-01-4		2560x1440	3.2	1/2.78"; 16:9	24



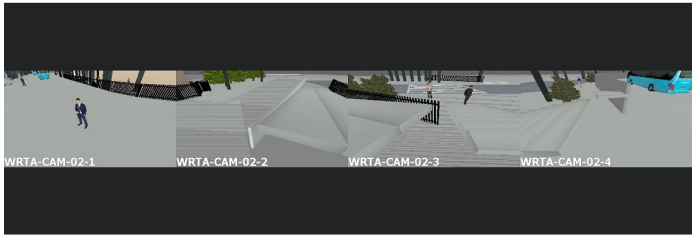
WRTA-CAM-02. Axis P3747-PLVE

Ground floor

Outdoor Panoramic camera 4x5MP IR 360 overview





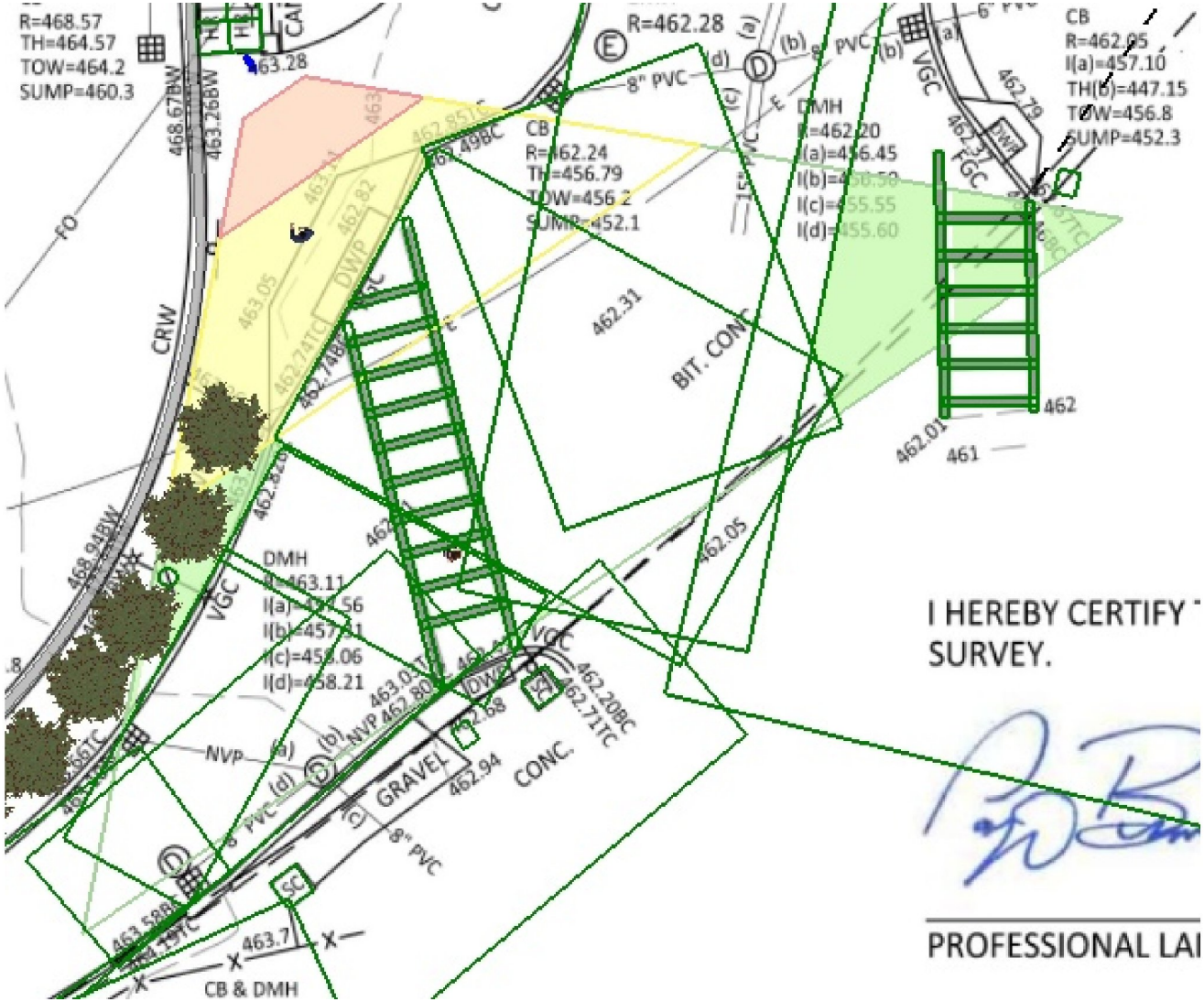


Camera ID	Model	Installation Height, ft	Resolution	Focal Length	Sensor Size	Pixels On Target, ppf
WRTA-CAM-02	Axis P3747-PLVE	9.0				
	WRTA-CAM-02-1		2560x1440	3.2	1/2.78"; 16:9	24
	WRTA-CAM-02-2		2560x1440	3.2	1/2.78"; 16:9	24
	WRTA-CAM-02-3		2560x1440	3.2	1/2.78"; 16:9	24
	WRTA-CAM-02-4		2560x1440	3.2	1/2.78"; 16:9	24

WRTA-CAM-03. Axis P3267-LVE

5 MP outdoor dome with IR and deep learning

Ground floor







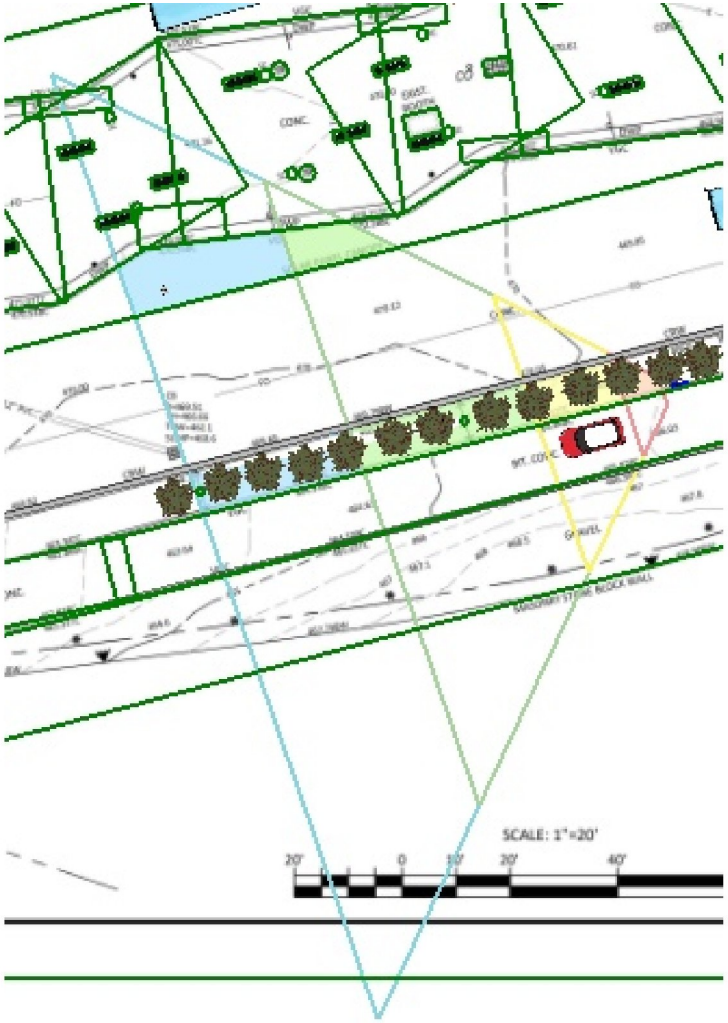
Camera ID	Model	Installation Height, ft	Resolution	Focal Length	Sensor Size	Pixels On Target, ppf
WRTA-CAM-03	Axis P3267-LVE	9.0	2592x1944	3.0	1/2.7"; 4:3	22



WRTA-CAM-04. Axis P3267-LVE

5 MP outdoor dome with IR and deep learning

Ground floor







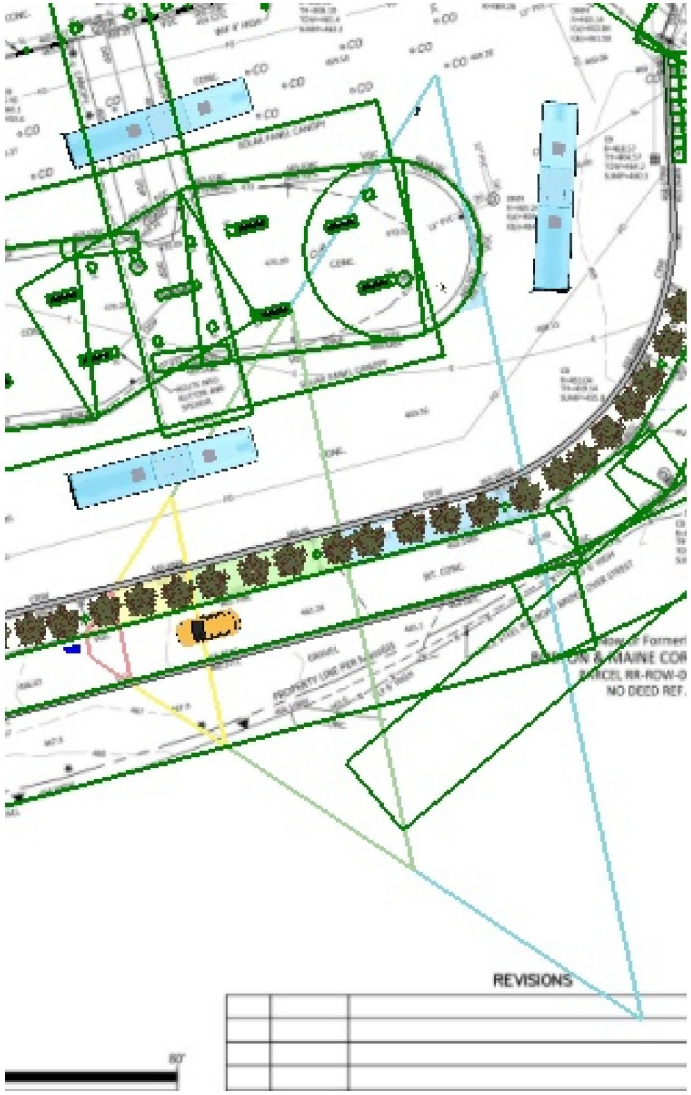
Camera ID	Model	Installation Height, ft	Resolution	Focal Length	Sensor Size	Pixels On Target, ppf
WRTA-CAM-04	Axis P3267-LVE	9.0	2592x1944	3.0	1/2.7"; 4:3	13



WRTA-CAM-05. Axis P3267-LVE

5 MP outdoor dome with IR and deep learning

Ground floor







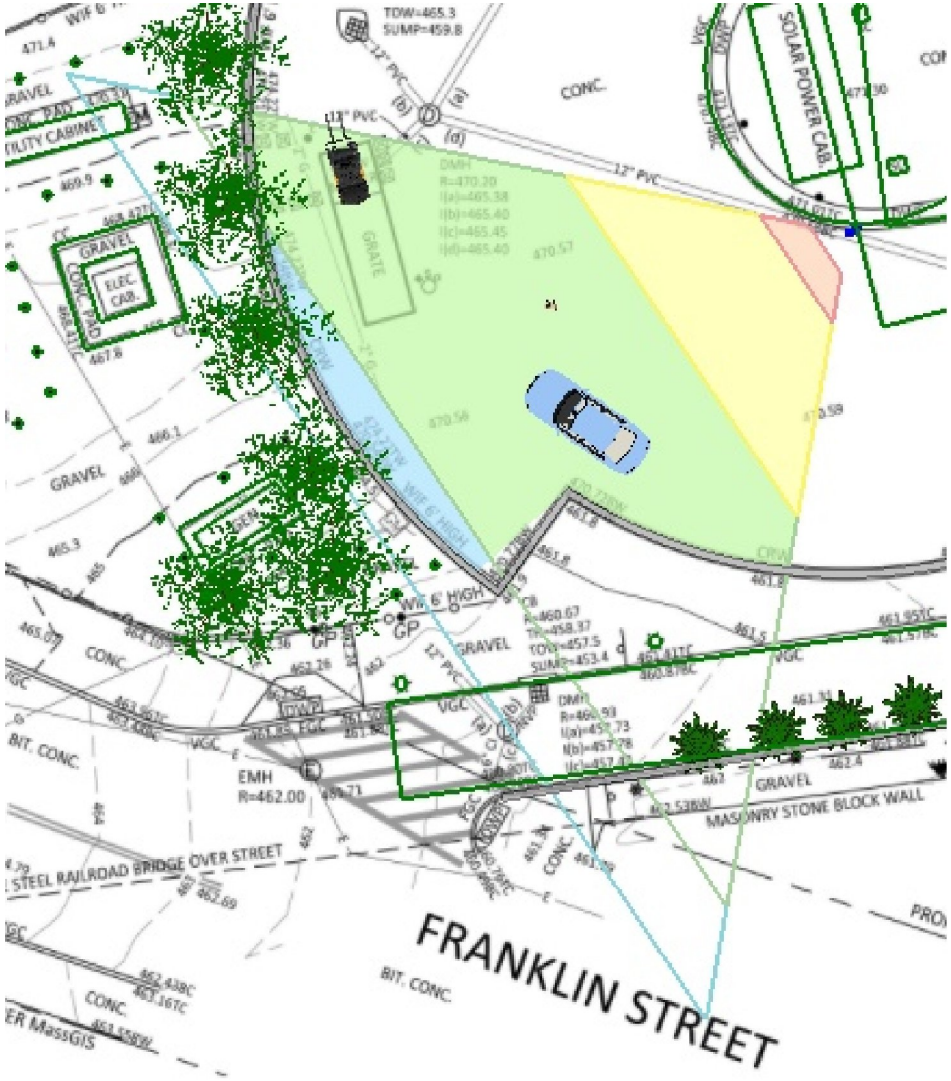
Camera ID	Model	Installation Height, ft	Resolution	Focal Length	Sensor Size	Pixels On Target, ppf
WRTA-CAM-05	Axis P3267-LVE	9.0	2592x1944	3.0	1/2.7"; 4:3	12



WRTA-CAM-06. Axis P3267-LVE

Ground floor

5 MP outdoor dome with IR and deep learning







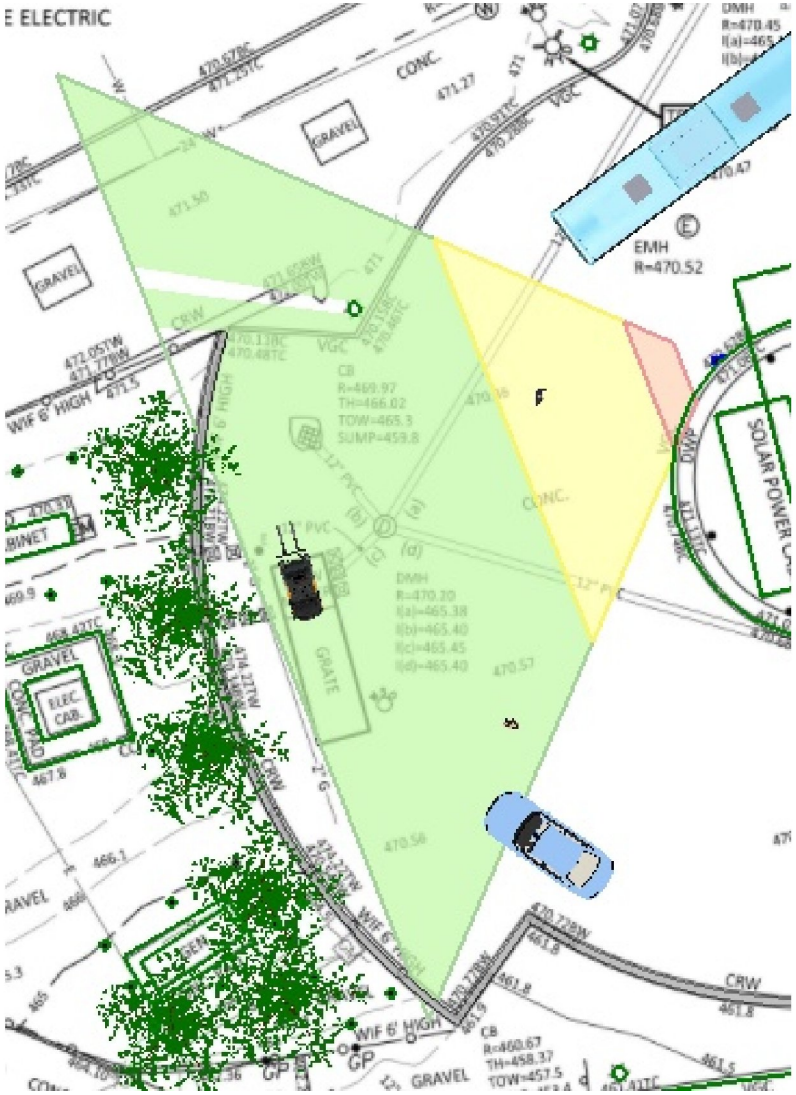
Camera ID	Model	Installation Height, ft	Resolution	Focal Length	Sensor Size	Pixels On Target, ppf
WRTA-CAM-06	Axis P3267-LVE	12.0	2592x1944	3.0	1/2.7"; 4:3	17



WRTA-CAM-07. Axis P3267-LVE

5 MP outdoor dome with IR and deep learning

Ground floor







Camera ID	Model	Installation Height, ft	Resolution	Focal Length	Sensor Size	Pixels On Target, ppf
WRTA-CAM-07	Axis P3267-LVE	12.0	2592x1944	3.1	1/2.7"; 4:3	19



Camera WRTA-CAM-01. Axis P3747-PLVE

Ground floor

Outdoor Panoramic camera 4x5MP IR 360 overview

Sensor WRTA-CAM-01-1



Resolution	2560x1440
Sensor Size	1/2.78"; 16:9
Focal Length	3.2
Tilt, °	36
Viewing Angles,°	90; 72
Distance, ft	59.9
FOV Width, ft	97.2
Pixels On Target, ppf	24
Dead Zone, ft	3.0 (Width: 4.9)



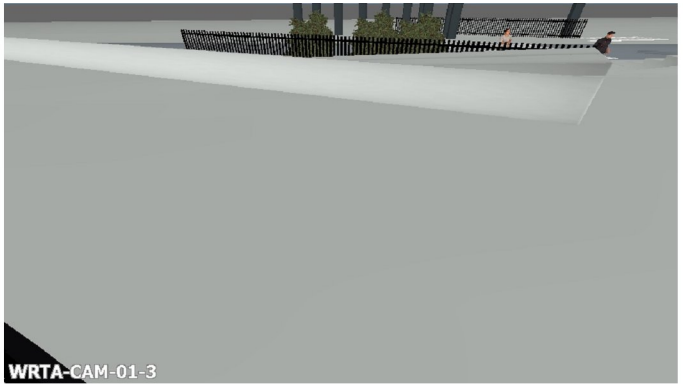
Sensor WRTA-CAM-01-2



Resolution	2560x1440
Sensor Size	1/2.78"; 16:9
Focal Length	3.2
Tilt, °	36
Viewing Angles,°	90; 72
Distance, ft	59.9
FOV Width, ft	97.2
Pixels On Target, ppf	24
Dead Zone, ft	3.0 (Width: 4.9)



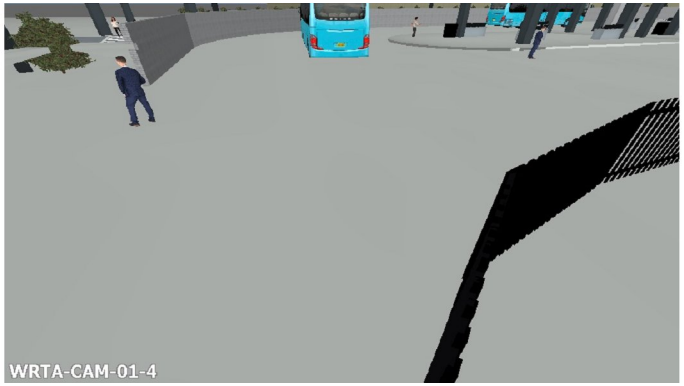
Sensor WRTA-CAM-01-3



Resolution	2560x1440
Sensor Size	1/2.78"; 16:9
Focal Length	3.2
Tilt, °	36
Viewing Angles,°	90; 72
Distance, ft	59.9
FOV Width, ft	97.2
Pixels On Target, ppf	24
Dead Zone, ft	3.0 (Width: 4.9)



Sensor WRTA-CAM-01-4



Resolution	2560x1440
Sensor Size	1/2.78"; 16:9
Focal Length	3.2
Tilt, °	36
Viewing Angles,°	90; 72
Distance, ft	59.9
FOV Width, ft	97.2
Pixels On Target, ppf	24
Dead Zone, ft	3.0 (Width: 4.9)



Camera WRTA-CAM-02. Axis P3747-PLVE

Ground floor

Outdoor Panoramic camera 4x5MP IR 360 overview

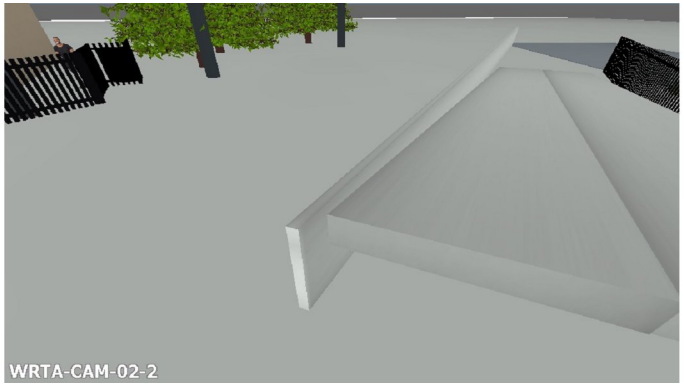
Sensor WRTA-CAM-02-1



Resolution	2560x1440
Sensor Size	1/2.78"; 16:9
Focal Length	3.2
Tilt, °	36
Viewing Angles,°	90; 72
Distance, ft	59.9
FOV Width, ft	97.2
Pixels On Target, ppf	24
Dead Zone, ft	3.0 (Width: 4.9)



Sensor WRTA-CAM-02-2



Resolution	2560x1440
Sensor Size	1/2.78"; 16:9
Focal Length	3.2
Tilt, °	36
Viewing Angles,°	90; 72
Distance, ft	59.9
FOV Width, ft	97.2
Pixels On Target, ppf	24
Dead Zone, ft	3.0 (Width: 4.9)



Sensor WRTA-CAM-02-3



Resolution	2560x1440
Sensor Size	1/2.78"; 16:9
Focal Length	3.2
Tilt, °	36
Viewing Angles,°	90; 72
Distance, ft	59.9
FOV Width, ft	97.2
Pixels On Target, ppf	24
Dead Zone, ft	3.0 (Width: 4.9)



Sensor WRTA-CAM-02-4



Resolution	2560x1440
Sensor Size	1/2.78"; 16:9
Focal Length	3.2
Tilt, °	36
Viewing Angles,°	90; 72
Distance, ft	59.9
FOV Width, ft	97.2
Pixels On Target, ppf	24
Dead Zone, ft	3.0 (Width: 4.9)





Camera WRTA-CAM-03. Axis P3267-LVE

Ground floor

5 MP outdoor dome with IR and deep learning



Resolution	2592x1944
Sensor Size	1/2.7"; 4:3
Focal Length	3.0
Tilt, °	35
Viewing Angles,°	104; 74
Distance, ft	50.8
FOV Width, ft	103.9
Pixels On Target, ppf	22
Dead Zone, ft	3.0 (Width: 6.1)





Camera WRTA-CAM-04. Axis P3267-LVE

Ground floor

5 MP outdoor dome with IR and deep learning



Resolution	2592x1944
Sensor Size	1/2.7"; 4:3
Focal Length	3.0
Tilt, °	37
Viewing Angles,°	104; 74
Distance, ft	90.7
FOV Width, ft	185.4
Pixels On Target, ppf	13
Dead Zone, ft	2.6 (Width: 5.3)





Camera WRTA-CAM-05. Axis P3267-LVE

Ground floor

5 MP outdoor dome with IR and deep learning



Resolution	2592x1944
Sensor Size	1/2.7"; 4:3
Focal Length	3.0
Tilt, °	37
Viewing Angles,°	104; 74
Distance, ft	100.6
FOV Width, ft	205.7
Pixels On Target, ppf	12
Dead Zone, ft	2.6 (Width: 5.3)





Camera WRTA-CAM-06. Axis P3267-LVE

Ground floor

5 MP outdoor dome with IR and deep learning



Resolution	2592x1944
Sensor Size	1/2.7"; 4:3
Focal Length	3.0
Tilt, °	37
Viewing Angles,°	104; 74
Distance, ft	67.4
FOV Width, ft	137.8
Pixels On Target, ppf	17
Dead Zone, ft	3.4 (Width: 7.0)





Camera WRTA-CAM-07. Axis P3267-LVE

Ground floor

5 MP outdoor dome with IR and deep learning



Resolution	2592x1944
Sensor Size	1/2.7"; 4:3
Focal Length	3.1
Tilt, °	36
Viewing Angles,°	102; 73
Distance, ft	59.0
FOV Width, ft	118.1
Pixels On Target, ppf	19
Dead Zone, ft	3.7 (Width: 7.4)

