



**City of Tacoma  
Tacoma Venues and Events**

**Security Camera Equipment and Installation  
RFB Specification No. PF22-0140F**

**QUESTIONS and ANSWERS**

All interested parties had the opportunity to submit questions in writing by email to Tad Carlson by 3:00 pm on July 19, 2022. The answers to the received questions are provided below and posted to the City's website at [www.TacomaPurchasing.org](http://www.TacomaPurchasing.org): Navigate to *Current Contracting Opportunities / Services*, and then click *Questions and Answers* for this Specification. This information IS NOT considered an addendum. Respondents should consider this information when submitting their proposals.

**Question 1:** The RFP document states on page 14 (section 13) that "A specific manufacturer for almost all line items has been listed in the Technical Specifications because this is the current manufacturer accepted. For those line items, which do not list a specific manufacturer, bidders shall provide the technical specifications for the manufacturer they are offering". I do not see any info in the document regarding manufacturers or model #'s, just counts of 360, 270, etc. cameras. Am I missing something or is there another document with more specific technical info?

**Answer 1:** *This section is not relevant. Please disregard*

**Question 2:** Is there a budget or a start/end date.

**Answer 2:** *Combined budget for the two locations is \$1,200,000. There is no required start/end date, but desire is to complete installation as soon as possible.*

**Question 3:** We would like to request an addendum to allow hybrid cloud solutions. Is this something the would be accepted for this RFP?

**Answer 3:** *We are open to considering hybrid solutions with the following details: The data/recordings must be stored onsite and viewable for a minimum of 14 days. Data/recordings can be backed up to the cloud to provide accessibility from offsite locations/devices and to extend the viewable time.*

**Tacoma Dome and GTCC**

**Question 4:** Should bidders assume that existing network backbone is in place and can be utilized for camera network? If so, will city IT provide a dedicated VLAN for camera network and VMS network?

**Answer 4:** *We can provide a dedicated VLAN for their VMS. But camera connectivity to include cabling and switches is required by the SB*

**Question 5:** Will drawings showing all IDF locations be provided?

**Answer 5:** *Some are displayed. Most of the telecommunication runs are on the formal blue-prints*

**Question 6:** Will wireless provisions be acceptable when extending network is required?

**Answer 6:** *Yes with mutual agreement on location.*

**Question 7:** Many additional camera locations were discussed during the pre-bid meeting on July 18, 2022. Will updated drawings and updated pricing worksheets be provided reflecting additional camera locations?

**Answer 7:** *Yes new drawings will be provided in the accompanying addendum to this document. Dome exterior and interior locations must provide complete and continuous view of the facility.*

*Please provide bid based on original specifications & price list. SB and building manager will agree on final number of cameras based on field of view after award.*

**Question 8:** For interior camera locations with surface mounted raceway, is there a height where the pathway can transition from conduit to free air?

**Answer 8:** *Yes, but the height varies per location. SB and building manager will agree on location.*

**Question 9:** Does conduit need to be painted to match

**Answer 9:** *No.*

**Question 10:** In areas where there is no cable tray, is free air pathway acceptable?

**Answer 10:** *We would prefer you add J-hooks in that case. But in most locations, there is cable tray and J-hooks already*

## **Tacoma Dome**

**Question 11:** Do restaurants and vendors need dedicated coverage, or will general coverage where they're in the field of view suffice? If dedicated coverage is required, will a map or drawing showing locations be provided?

**Answer 11:** *No. However cameras will be installed in the kitchen and kitchen warehouse as discussed.*

## GTCC

**Question 12:** What is the intended coverage area for the loading dock?

**Answer 12:** *All of the dock, including the full parking lot.*

**Question 13:** Should cameras in exhibition hall match existing aesthetic (painted to match ceiling color)?

**Answer 13:** *Color matching is preferable, but not required.*

**Question 14:** Is there an open conduit or constant power to the pole at the main entry off East D Street?

**Answer 14:** Yes

**Question 15:** Is there an open conduit or constant power to the Clock tower off East D Street?

**Answer 15:** Yes

**Question 16:** Can you provide scaled drawings of the building and floor plans?

**Answer 16:** *Yes. These are hard-copy blueprints and can be reviewed onsite by the SB after contract award.*

**Question 17:** The specification calls for conduit, are you changing the conduit requirement and if so to what?

**Answer 17:** *Existing cable tray and J-hooks and existing conduit will be used for most of the campus. However, some new conduit will need to be installed, particularly in the 2<sup>nd</sup> floor garage.*

**Question 18:** It was understood during the site walk that the October deadline was unattainable. What is the new preferred deadline?

**Answer 18:** *No specific deadline other than as soon as possible. Please provide your earliest possible completion date as part of your bid submittal.*

**Question 19:** What is the minimum resolution (in Megapixel's) per lens that you require?

**Answer 19:** *Minimum 4 MP for all cameras except the PTZ's which is minimum 8 MP.*

**Question 20:** In a failover situation are we still required to provide 30 days of storage?

**Answer 20:** *If failover is temporary loss of power, no. But we do want access to all footage for a minimum of 14 days, 30 days preferable.*

**Question 21:** Will NVR rack space be provided in the Server Room?

**Answer 21:** Yes

**Question 22:** Will there be another opportunity for a site walk? We were not able to get personnel there on the short notice given between the RFP posting and July 18<sup>th</sup>.

**Answer 22:** *Yes. A second walkthrough will be conducted Wednesday, August 10<sup>th</sup>, 2022 at 10am starting at the Tacoma Dome, 2727 East D Street, Tacoma, WA 98421. Parking available in the Security parking lot off of 27<sup>th</sup> St.*

**Question 23:** During the walk thru, the impression was given all new cable runs (CAT6) were expected. However, the technical specifications state the SB (Successful bidder) will use existing coax cable to connect PoE Switches, converters and injectors when possible. What does the City expect, all new cable runs or use the existing coax when possible? Cat-6 cable standards has 100 meter distant limitations. There are a few camera drops that meet the 100 meter standard

**Answer 23:** *Replace the coax with cat 6 where camera distance is under 100 meters and where camera distance is over 100 meters security contractor will provide and install filed distribution enclosure containing poe network switch or cat 6 media extenders for the required cameras.*

**Question 24:** Can a digital layout of the facilities be provided to assist in providing a quote to determine cable runs, camera angles, etc. The current layouts are very hard to read and manipulated to assist with bid prep.

**Answer 24:** *We have limited digital blueprints. We can provide printed scale blueprints.*

**Question 25:** Training sessions for VMS, does it need to be onsite or can it be done remotely via a webinar. How many users will need to be trained, and at what levels (end user operators, vs Supervisors vs IT Admin).

**Answer 25:** *Onsite. 4 End user and 3 supervisor.*

**Question 26:** How will the City of Tacoma consider variations in bids due to value added engineering?

- a. What kind of cameras are you looking for? Consumer grade or Commercial grade?
- b. What kind mega pixels cameras are you looking for? Do you want 4K resolution
- c. The 360, 270 & 180 degree cameras, do you want Multi-Sensor or Multi-Directional cameras
- d. How many of these cameras require IR (Infrared cameras)
  - i. Do you want Smart IR's?
  - ii. What is the IR range on some these cameras?
- e. What kind of analytics do you need and where do you need them?

**Answer 26:** *Bids should be quoted based on the specs and price list provided. Any value-added engineering not requested in the RFB will not be considered.*

- A. Commercial*
- B. 4 MP and 8MP for the two PTZ*
- C. Multi directional*
- D. All interior concourse and general seating areas located in the bowl of the dome and the kitchen warehouse only.*
  - i. Yes*
  - ii. -10c to 70c*
- E. Smart tracking and self-scanning for all dome cameras.*

**Question 27:** Timeline between notice of award, City Council final approval and actual issuing of PO could extend beyond the 90 days. Due to current supply chain issues, prices and availability as of the bid date (August 7) could be different than when the actual PO is issued. Will the City allow for changes of product/pricing to ensure timely delivery?

**Answer 27:** *Yes, please see Addendum 1 for specific language being incorporated into these specifications.*

**Question 28:** Which is more important to the city, getting the project completed soon which might require using product that doesn't quite meet specifications, or later ensuring that specified product is used.

**Answer 28:** *Install with specifications met is priority. Timeliness is important and variations will be considered per Question & Answer 27 above.*

**Question 29:** Completion date: Assuming City Council approval occurs late August/Early September, a completion date of Oct 1st would not be possible. Is the City willing to adjust the completion date to early 2023?

**Answer 29:** *Yes, but timeliness is important. Comparable bids will also be evaluated based on potential completion date.*

**Question 30:** UPS > what is the input voltage available?

**Answer 30:** 110v

**Question 31:** Are we using the existing CCTV cabinet at the convention center or installing a new one? If a new one is required where will it go and will we utilize existing cabling and new cabling to accomplish integrating them together?

**Answer 31:** *The existing cabinet should be used if it meets the space required of the new equipment. If more space is needed then the empty rack space in the same room can be used.*

**Question 32:** Due to the complexity of the project, would the city consider delaying the bid date to allow for a second walk-thru? The goal with the second walk-thru is to address additional questions that come up after the bidders have review notes/drawing from the first walk-thru to ensure the contractors meet the City's expectations.

**Answer 32:** *Yes. A second walkthrough will be conducted August 10<sup>th</sup> per Question & Answer 22. The new bid due date will be August 23<sup>rd</sup>, 2022 at 11am.*