

Proof of Concept (POC) Information

This Proof of Concept (POC), issued by the New York City Housing Authority (NYCHA) seeks respondents interested in providing information to assist the NYCHA in collecting, evaluating and analyzing its CCTV environment.

Background

The New York City Housing Authority (NYCHA) is committed to increasing opportunities for low- and moderate-income New Yorkers by providing safe, affordable housing and facilitating access to social and community services. More than 400,000 New Yorkers reside in NYCHA's 334 public housing developments around the five boroughs, and another 235,000 receive subsidized rental assistance in private homes through the NYCHA-administered Section 8 Leased Housing Program. To fulfill its vital mission and even better serve residents while facing dramatic reductions in traditional government funding, NYCHA is developing new financing options and building innovative partnerships across the public, private, and non-profit sectors. These strategies are helping NYCHA to address many key challenges, from preserving aging housing stock through timely maintenance and modernization of developments, to increasing resident access to a multitude of community, educational and recreational programs, as well as job readiness and training initiatives.

NYCHA's CCTV environment is managed by NYCHA Security Team (Curtis Cabell); the environment currently consists at least of 187 sites throughout the 5 NYC Boroughs with approximately 18,000 cameras. Videos are kept for 21 days (ideal duration 31 to 60 days) with a resolution recorded at: 1280x960. It is our intent to refresh the entire CCTV infrastructure over the course of two to three (2 to 3) years due to the end of support and aging systems including servers, networking and UPS equipment. We also intend to upgrade our video management software. Our current software licenses are expiring thus rendering our cameras inoperable. By July of next year all licenses will expire.

The purpose of this project is to ensure the safety of NYCHA's residents which is an integral part of NYCH's Mission.

Scope

Our method for refreshing each CCTV site will be guided by lessons learned from the previous years of operations and management. We intend to evaluate and take into consideration a manufacture that can provide us with a comprehensive solution to meet all our requirements. This will include an environmentally robust system with inherent redundancy to handle above normal temperature conditions. In addition, we will be evaluating their solution to provide managed services including camera and system monitoring, break fix capabilities, and video management integration services.

Project Overview

Before we can determine a manufacture choice, it is our intent to have a Proof of Concept (POC) period for each manufacture at one or more CCTV sites. They will need to demonstrate their solution and integration approach for operating the video management system we are currently evaluating. We will also be very interested in their support, monitoring, and system management capabilities. We believe having these POCs on our premises is the best approach for making our final decision.

There will not be any cost incurred to NYCHA for any manufacture participation and submission of

their POC.

Outcome of POC

It is our intent to start a POC around mid to late March 2024. The duration of each POC will be approximately 30 days.

Once all POC evaluations are reviewed and approved, we will request a formal bid.

Questions and Response Guidelines for Respondents

Submission Details

- **Requested Requirements should be submitted to: NYCHA:**

Please provide documentation prior to POC, summarizing your plan for the CCTV project with the following capabilities:

- Documentation Due Date: February 25th
- Replacement of all the infrastructure(hardware) for each site within 2 to 3 years.
- Hardware should be able to support the video resolution and retention described in the scope.
- Hardware must be able to run in poor conditions due to AC, dust and etc.
- Provide a **topology** diagram of the proposed infrastructure (hardware: *servers and Network* components).
- Provide a **manifest** including all proposed infrastructure (hardware: *servers and Network* components).
- Infrastructure hardware and VMS must support the following applications: GANZ/Keri (key fab).
- Provide a comprehensive support plan including hardware patching/break fix and monitoring(24x7).
- All hardware must be supported and maintained for a minimum 7 years.
- All installed sites should be managed by a single pane of glass including the ability to visualize the entire environment.
- The management system should include alert capabilities.
- Demonstrate reports generation including health check and managed inventory.

- **POC Requirement/Testing Environment:**

POC must adhere to the following items:

- POC Start Date: March 18th
- NYCHA will identify a location for POC installation and testing.
- There will not be any cost incurred to NYCHA for any manufacture participation, installation and submission of their POC.
- Once the equipment is installed(infrastructure) a 15-day testing period will commence by NYCHA personal.
- The POC Infrastructure must support the following applications: GANZ/Keri (key fab).
- Testing will include all the items mentioned in the prior emails (i.e., demonstrate power loss for failovers, heat and electrical failure, hard drive failures and support time, etc...)

- The POC must include the appropriate network gear to support your infrastructure and integrate with NYCHA's Networking and CCTV Camera equipment.

POC responses by the manufacturers are due by (start February 25th and POC start date March 18th). The POC response is limited to a 15-page response. (if NYCHA requires additional information, we will request)

Additional Information

1. NYCHA, their officials, officers, agents and employees make no representation or warranty and assume no responsibility for the accuracy of the information set forth in this POC.
2. NYCHA, shall not be liable for any costs incurred by any Respondent in the preparation, submittal, presentation, demonstration, clarification or revision of its submission.
3. NYCHA, shall not be obligated to pay and shall not pay any costs in connection with the preparation of such submissions.
4. NYCHA, at its sole discretion, without limitation, reserves the right to:
 - withdraw the POC at any time.
 - discuss various approaches with one or more Respondents (including parties not responding to the POC).
 - use the ideas and/or submissions in any manner deemed to be in the best interests of NYCHA, including but not limited to soliciting competitive submissions relating to such ideas or proposals and/or undertake the prescribed work in a manner other than that which is set forth herein; and
 - change any terms of the POC.
5. All submissions shall become the property of NYCHA and shall not be returned. Respondents acknowledge and understand that none of the information contained in the submissions shall be deemed confidential. Furthermore, information in the submissions will likely be shared with other governmental entities. Therefore, Respondents should not submit any information deemed to be proprietary information.
6. NYCHA is subject to the New York State Freedom of Information Law, which governs the process for the public disclosure of certain records maintained by NYCHA. (See: Public Officers Law, Sections 87 and 89). Individuals or firms that submit materials to NYCHA may request that NYCHA except all or part of such materials from public disclosure, on the grounds that the materials contain trade secrets, or proprietary information, or that the information, if disclosed, would cause substantial injury to the competitive position of the individual or firm submitting the information. Such exception may extend to information contained in the request itself if public disclosure would defeat the purpose for which the exception is sought. The request for such an exception must be in writing and state, in detail, the specific reasons for the requested exception. It must also specify the materials or portions thereof for which the exception is requested. If NYCHA grants the request for exception from disclosure, NYCHA shall keep such materials or portions thereof in secure facilities.