

## **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 NYCHA regarding a software solution that supports effective design and construction project management from a public sector property owner perspective.

### **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. As part of these efforts, NYCHA manages a portfolio of large repair, renovation, and modernization construction projects across the city with annual expenditures of more than \$1.5 billion. Most of these projects are managed through a construction project management system that NYCHA has been utilizing for the last few years.

### **SCOPE**

This POC will be the mechanism by which NYCHA moves into the next phase of procuring a new software solution to support NYCHA design and construction project management going forward. NYCHA's interaction with interested parties will be iterative including some or all of the following: (1) survey and additional written responses to this POC, (2) one or more in-person solution demos, and (3) any follow-up information requests.

The POC is intended to focus on:

- Improving NYCHA's understanding of the available construction project management information systems and services currently on the market; and
- Evaluating the technological and functional opportunities and challenges each construction project management system presents.

NYCHA is seeking vendors to provide Proof of Concept for a robust construction project management information system that effectively supports a range of internal and external users, with easy (i.e. no code or low code) process and workflow build out and configuration. System functionality should include, but not be limited to, the following:

- Portfolio & Project Capital Planning
- Schedule Management
- Budget / Cost Management

- Contract Management
- Construction Site Management
- Vendor Management
- Financial & Document Management
- Organizational Hierarchy & User Management
- Real-Time and Trend Reporting & Data Analytics

The proposed project management information system will need to integrate with NYCHA's other core systems such as Oracle Financial and iSupplier, and may need to interact with payroll management, work order and asset management, data warehousing, reporting and data visualization systems and solutions.

Additionally, the system will need to meet a number of other non-functional requirements, including administrative access that allows for system configuration and customization, user interface design consistent with industry standards, and data security and resiliency as per NYCHA's requirements.

## **OUTCOME OF POC**

POC responses should be as complete and accurate as possible to allow NYCHA to assess the proposed solutions. Based on the POC responses, NYCHA may offer some of the Respondents the opportunity to participate in one or more demonstration projects to show the effectiveness of its proposed POC solution. The Respondent's established track record and performance in providing such systems nationally and internationally will be considered in the selection process.

Respondents should follow the guidelines below.

### **Response Guidelines for Respondents**

1. Detailed description of project management information system including functionality and features;
2. Respondents must accurately complete and return [the Respondent Survey](#) in MSExcel format;
3. Case studies of client implementation and use of the system, including any prior City agency experience, and references from such previous implementations;
4. Licensing options and standard pricing structure for each option.

### **Submission Details**

- **Inquiries:** Any inquiries concerning this POC should be made to Abigail Fradkin at [abigail.fradkin@nycha.nyc.gov](mailto:abigail.fradkin@nycha.nyc.gov)
- **POC Responses Submitted To:** [abigail.fradkin@nycha.nyc.gov](mailto:abigail.fradkin@nycha.nyc.gov)
- **POC Due Date:** POC responses are due by October 1, 2024, 2:00 p.m. EST. The POC response is limited to the MSExcel survey file and an additional 10-page response.

### **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;
  - seek additional information from any POC Respondent; 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.