

**H323**  
**HANSCOM WATER DISTRIBUTION**  
**SYSTEM UPGRADES**

***Consultant Briefing***

Hanscom Field Airport  
Bedford, MA  
06.05.2024



# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing

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### Attendees Introduction

- Please enter your contact information in the Zoom Meeting chat window:
  - First and Last Name
  - Company
  - Email

# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing

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### Agenda

**Expected Outcome:** Gain insights into the H323 RFQ requirements and understand the Bid Express submission process

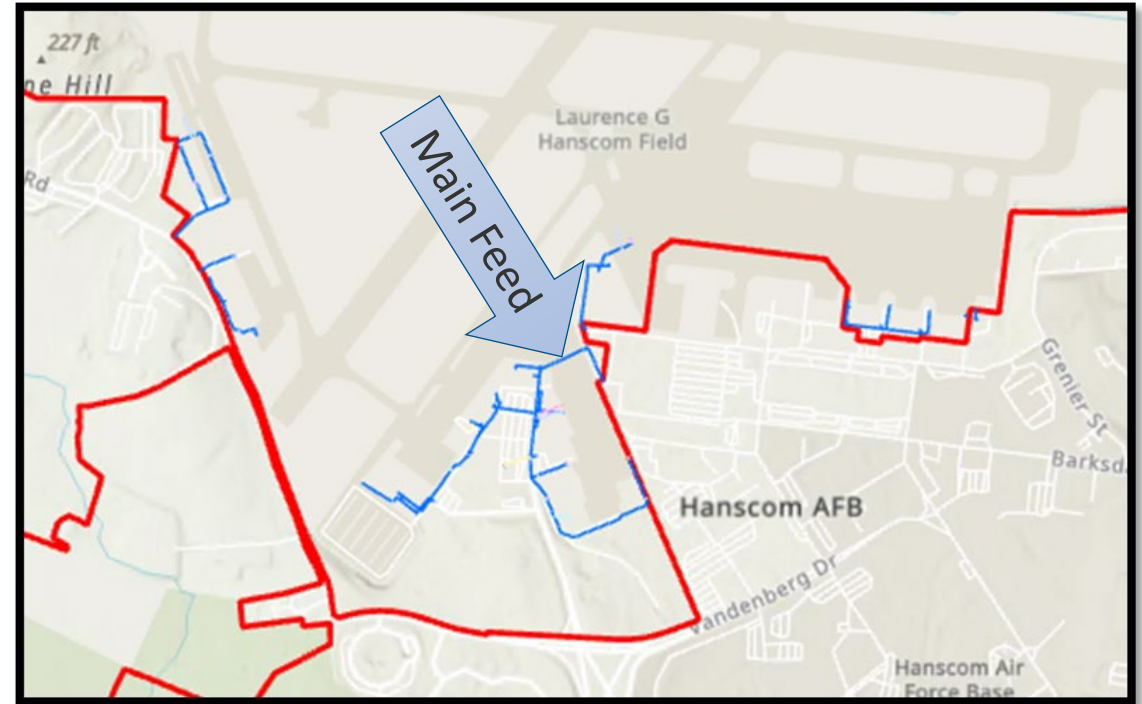
1. Solicitation for Consultant Design Services
  - Background Information
  - Scope of Work
  - Evaluation Criteria
  - Submission Requirements
  - Submission Schedule
2. Bid Express Info

# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing

### Background

- This project was initiated due to several water leaks that resulted in water shut-downs at Hanscom Field. The aging infrastructure, combined with a lack of precise pipe location, pipe size and types, and the absence of redundancy lines, currently requires complete outages for emergency maintenance.
- The limits of the project are Hanscom Airfield, excluding the Air Force Base.
- Hanscom purchases its water from the U.S. Air Force, Hanscom AFB. Their water source is from the MWRA.
- The current 1.5 mile distribution system is fed through a pipe from the Air Force (shown in the picture), consisting of ductile iron, cast iron, and asbestos-cement pipes of various ages and condition.



# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing

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### Scope of Work

The project will require a full inventory assessment of the Hanscom water distribution system to be conducted. Pipes, valves, and structures will be evaluated and updated according to current water system standards. Additionally, the distribution system will be assessed to determine the feasibility of adding a redundancy loop for a secondary feed in case of emergency.

Work items include the following:

1. Collect historical data and conduct evaluations, confirming the location, type and size of infrastructure elements with test pits, to create a comprehensive inventory assessment.
2. Assess the water distribution system, pressure, capacity, redundancy and feasibility of rehabilitation. Provide upgrade recommendations.
3. Prepare preliminary design based on Massport-selected upgrades.
4. Finalize the design and provide final construction bid documents (PS&E).
5. Provide Construction Administration Services.
6. Perform Resident Engineering and Construction Inspection.
7. Review as-built drawings and provide updated record documents to Massport.



# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing

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### Evaluation Criteria

The submission shall be evaluated on the basis of the following *equally weighted* criteria:

- (1) Demonstrated experience and knowledge of the team for similar projects of similar size and complexity particularly important to demonstrate for the Project Manager. Highlight the experience and expertise for major sub-consultants and their assigned staff. Familiarity with public construction procurement under MGL Ch. 30, and
- (2) Project understanding and proposed technical approach including QA/QC process during document preparation, cost management and scheduling capabilities, construction oversight, ability to plan and perform work with minimal disruption to operations, and
- (3) Demonstrated experience in integrating and managing BIM/VDC in the planning, design and construction. Experience of utilizing Lean Design & Construction (Last Planner System®, Scrum or others tools) to increase the reliability and significantly improve projects and teams' performance, and

# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing

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### Evaluation Criteria

Continued.....

(4) Demonstrated project experience in sustainable and resilient high performance building and infrastructure design and construction, including experience with low, net zero ready or net zero emissions, water, and waste, lifecycle analysis including embodied carbon, innovative renewable energy strategies, and building and infrastructure sustainability certification schemes relevant to this proposal. Firms are encouraged to demonstrate “outside of the box” thinking for examples of inclusion of sustainable practices into its projects, and specify how those practices may be applied to this project proposal. Firms must demonstrate the capability to incorporate design features into any project type that reflect best practices in environmental stewardship, and

(5) Proposed approach to enhance diversity and inclusion of the project team to increase the pool of consultants working on the Authority’s projects. For those M/WBE firms proposed, please describe type and/or category of work (i.e. architecture, structural, Lean, etc.); include the specific roles to be played by M/WBE, and the extent to which such M/WBE involvement is anticipated as of date of the proposal submission. (% goal)

# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing

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### Submission Requirements

- *The Authority may reject any application if any of the required information is not provided: Cover Letter, Insurance Requirements and SF330 Part IIs for the Prime and every sub-consultant.*
- *Make sure that the Cover Letter is signed “Under the pains and penalties of perjury”, and that you mention the Insurance in the Cover Letter itself.*



# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing

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### Submission Schedule

- RFQ questions are to be sent via email to [CPBidQuestions@massport.com](mailto:CPBidQuestions@massport.com)
- In the subject lines of your email, please reference **H323 – HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES**
- Deadline for questions: **Monday, June 10, 2024 @ 12:00 PM (noon)**
- Questions and responses will be posted on the BidExpress and Massport’s website (<http://www.massport.com/massport/business/bids-opportunities/capital-bids>) as an *attachment* to the original Legal Notice and on COMMBUYS ([www.commbuys.com](http://www.commbuys.com)) in the listings for this project.

EVENT	DATE/TIME
Solicitation: Release Date & Supplemental Package Available	Wednesday May 29, 2024
Consultant Briefing	Wednesday June 5, 2024 at 11:00 A.M.
Deadline for submission of written questions	Monday June 10, 2024 at 12:00 P.M. (noon)
Official answers published (Estimated)	Friday June 14, 2024
Solicitation: Close Date / Submission Deadline	<b>Thursday July 18, 2024 at 12:00 P.M. (noon)</b>

# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing– Bid Express Info

Massport new website launched on 12/05/2023

OUR PROPERTIES ▾ ABOUT MASSPORT **BUSINESS** CAREERS CONTACT ▾ ALERTS Q

massport

Bids and Opportunities ▾ Real Estate and Leasing ▾ Capital Improv. ▾ Forms and Procedures ▾ Finance ▾

**BUSINESS**

## Do Business With Us

**BIDS AND OPPORTUNITIES**

### Bids and Opportunities

Massport utilizes Bid opportunities to source the goods, the technologies, and the services we need to successfully operate and maintain our facilities each day, and to do our jobs. Bids are also performed on construction projects with our Capital Programs Department. Through bids, we rely on a dynamic supply chain to provide us with an extensive list of goods, cutting edge technology, and the highest level of professional services from numerous external vendors.

[SEE ALL OPEN BIDS](#)



- Massport has introduced online bidding for all C.149 and C.30 projects **Including Consultant Procurement**
- Consultant Professional Services RFQs for Projects Advertised after May 10, 2023 will be submitted through online bidding (BidExpress).
- No hard copies of the bidding information, Proposal, Plans and Specifications, Addenda, or other material is available. Nor will Massport accept hard copy bids for these projects. Bidding on these projects is completely online.
- Online Bidding Project Information
- All new bids for C.149 and C.30 projects and Consultant Professional Services can be found on the Massport Bid Express website.

# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing– Bid Express Info


**BUSINESS**

### Bids and Opportunities

View current bids and opportunities for goods and services and capital improvements at Massport.

To successfully operate and maintain our facilities each day, and to do our jobs, we rely on a dynamic supply chain to provide us with an extensive list of goods, cutting edge technology, and the highest level of professional services from numerous external vendors. Massport utilizes Bid opportunities to source the goods, the technologies, and the services it needs. Bids are also performed on construction projects with our Capital Programs Department.


Bids are accepted in accordance with Massport's procurement policies and procedures, and we encourage women-owned, minority-owned, and small businesses to participate.



**Goods and Services Opportunities**

These can include equipment purchases, professional services, various parts and supplies, new hardware and software technologies, energy, printing, etc.


[View Open Opportunities](#)



**Capital Bids Opportunities**

These can include agreements with general contractors, professional services agreements with architectural and engineering firms, and other such capital bid items pertaining to Massport construction projects.


[View Open Opportunities](#)



**Capital Bids Professional Services**

Requests for professional services pertaining to construction projects may be found below.

[View Open Opportunities](#)



**Airport Business Opportunities**

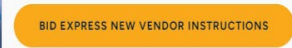
Explore opportunities in leasing, operations, advertising, concessions and more at our airports.

[Explore Opportunities](#)

### Massport has introduced online bidding

All new bids for C.149 and C.30 projects Consultant Professional Services can be found on the [Massport Bid Express website](#). The construction projects listed below under Advertised Contracts that are C.149 or C.30 have already been advertised. No hard copies of the bidding information, Proposal, Plans and Specifications, Addenda, or other material is available. Nor will Massport accept hard copy bids for these projects. Bidding on these projects is completely online.

All bidders need to be registered with Bid Express to submit or respond to Bids. Please refer to the new [Bid Express New Vendor Instructions](#).



### Advertised Contracts

Select An Opportunity Type

PROJECT #	OPPORTUNITY TYPE	PROJECT TITLE	DUE DATE *	ESTIMATE
H323	Professional Consultant	H323, HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES, LAURENCE G. HANSCOM FIELD - 200 HANSCOM DR, BEDFORD, MA	07/18/2024	\$4,500,000
L1630	Professional Consultant	Braintree Logan Express Garage, Braintree, Massachusetts	07/11/2024	\$2,000,000

- The Professional Consultant RFQ's will be listed under the appropriate project # and Project title on the Massport website: <https://www.massport.com/business/bids-and-opportunities/capital-bids>
- Please submit qualification via Bid Express <https://www.bidexpress.com/>



# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES

## Consultant Briefing– Bid Express Info

**infotech**

Welcome to Infotech® registration  
Infotech is the home of valuable services for construction contracting firms. Only the services you need and get access from any computer, any time.

**My Info**

First Name  
Last Name  
Email  
Email Confirmation  
prackowski@massport.com  
Time Zone  
(GMT-05:00) Eastern Time (US & Canada)

Password  
Password Confirmation  
Question  
Answer  
If you forget your password we'll ask you to verify this.

**My Business**

Name  
City  
Phone  
(555) 555-5555 x55  
State  
Address1  
Postal Code  
Address2

I have read and agreed to [Privacy Policy](#), [Terms of Use](#), and [DMCA Policy](#), and acknowledge that I understand how Infotech uses any personal information I supply to Infotech, and I approve of these uses.

Keep me updated on the latest Infotech new product releases and promotional offerings.

- All bidders need to be registered with Bid Express to submit or respond to Bids.

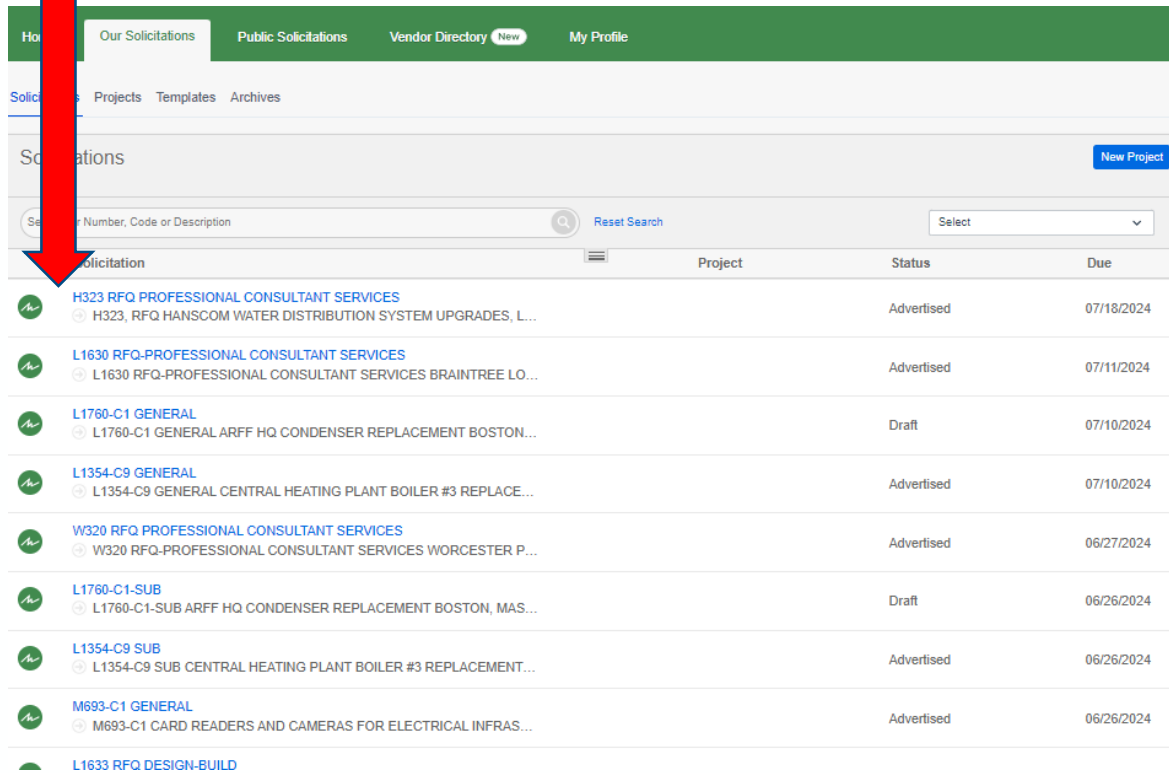
<https://www.infotechexpress.com/registration/new>

- Please refer to the new [Bid Express New Vendor Instructions:](https://infotechinc.zendesk.com/hc/en-us/sections/12044610308375-Bid-Express-Vendors)  
<https://infotechinc.zendesk.com/hc/en-us/sections/12044610308375-Bid-Express-Vendors>



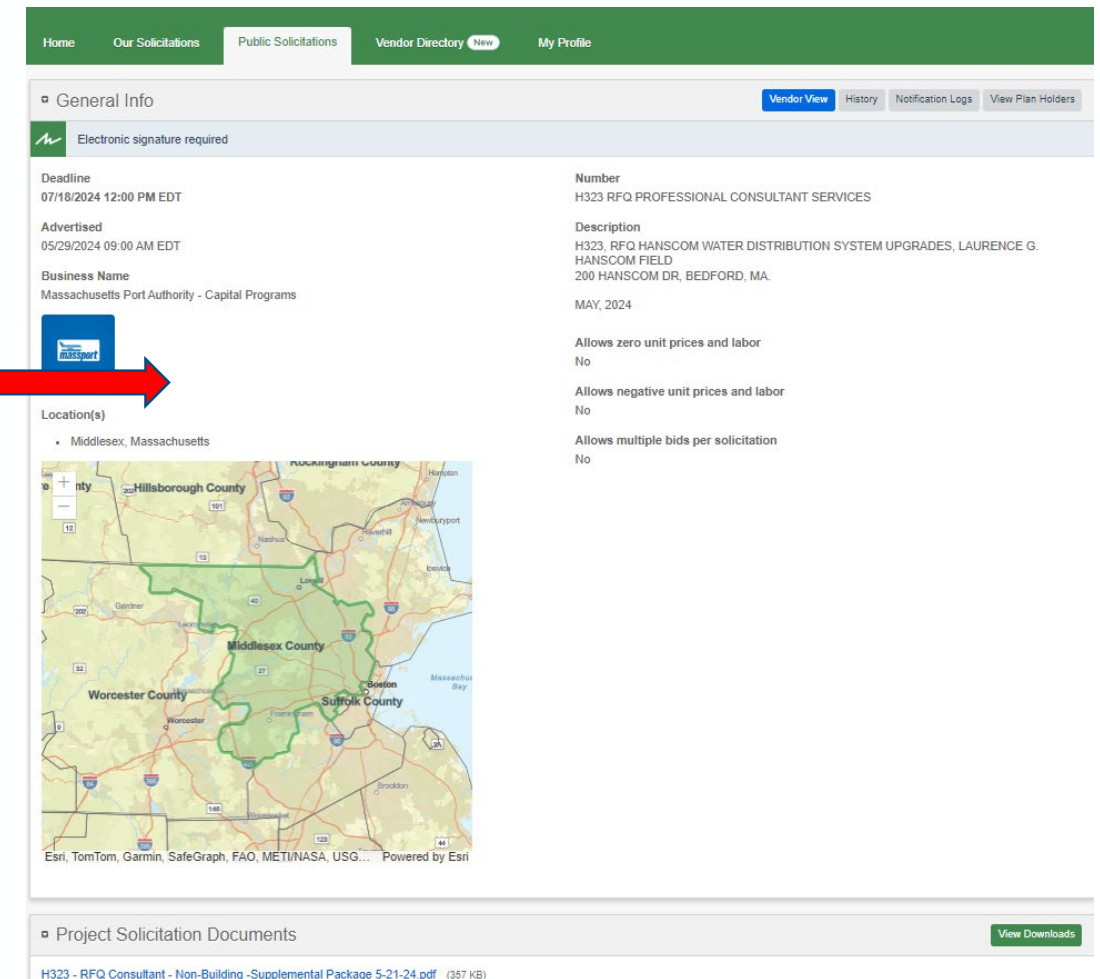
# H323-HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES Consultant Briefing– Bid Express Info

H323 RFQ listed below in Bid Express



Solicitation	Project	Status	Due
<a href="#">H323 RFQ PROFESSIONAL CONSULTANT SERVICES</a> H323, RFQ HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES, L...		Advertised	07/18/2024
<a href="#">L1630 RFQ-PROFESSIONAL CONSULTANT SERVICES</a> L1630 RFQ-PROFESSIONAL CONSULTANT SERVICES BRAINTREE LO...		Advertised	07/11/2024
<a href="#">L1760-C1 GENERAL</a> L1760-C1 GENERAL ARFF HQ CONDENSER REPLACEMENT BOSTON...		Draft	07/10/2024
<a href="#">L1354-C9 GENERAL</a> L1354-C9 GENERAL CENTRAL HEATING PLANT BOILER #3 REPLACE...		Advertised	07/10/2024
<a href="#">W320 RFQ PROFESSIONAL CONSULTANT SERVICES</a> W320 RFQ-PROFESSIONAL CONSULTANT SERVICES WORCESTER P...		Advertised	06/27/2024
<a href="#">L1760-C1-SUB</a> L1760-C1-SUB ARFF HQ CONDENSER REPLACEMENT BOSTON, MAS...		Draft	06/26/2024
<a href="#">L1354-C9 SUB</a> L1354-C9 SUB CENTRAL HEATING PLANT BOILER #3 REPLACEMENT...		Advertised	06/26/2024
<a href="#">M693-C1 GENERAL</a> M693-C1 CARD READERS AND CAMERAS FOR ELECTRICAL INFRAS...		Advertised	06/26/2024
<a href="#">L1633 RFQ DESIGN-BUILD</a>			

Submit Qualifications under Required Document List



Home Our Solicitations Public Solicitations Vendor Directory **New** My Profile

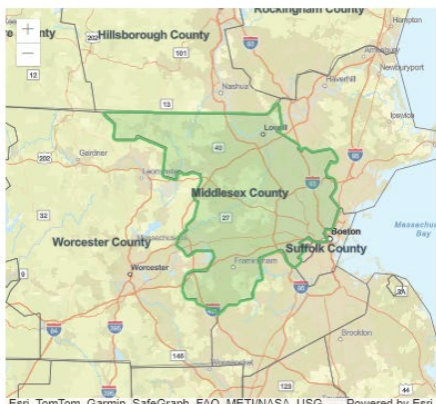
General Info [Vendor View](#) [History](#) [Notification Logs](#) [View Plan Holders](#)

Electronic signature required

Deadline	07/18/2024 12:00 PM EDT	Number	H323 RFQ PROFESSIONAL CONSULTANT SERVICES
Advertised	05/29/2024 09:00 AM EDT	Description	H323, RFQ HANSCOM WATER DISTRIBUTION SYSTEM UPGRADES, LAURENCE G. HANSCOM FIELD 200 HANSCOM DR, BEDFORD, MA. MAY, 2024
Business Name	Massachusetts Port Authority - Capital Programs	Allows zero unit prices and labor	No
		Allows negative unit prices and labor	No
		Allows multiple bids per solicitation	No

Location(s)

- Middlesex, Massachusetts



Esri, TomTom, Garmin, SafeGraph, FAO, MET/NASA, USG... Powered by Esri

Project Solicitation Documents [View Downloads](#)

H323 - RFQ Consultant - Non-Building - Supplemental Package 5-21-24.pdf (357 KB)

**Thank You  
Questions?**

