



MASSACHUSETTS PORT AUTHORITY
CAPITAL PROGRAMS AND ENVIRONMENTAL AFFAIRS DEPARTMENT
SUITE 209S – LOGAN OFFICE CENTER SUITE 209S
ONE HARBORSIDE DRIVE
EAST BOSTON MA 02128-2909

REQUEST FOR QUALIFICATIONS

MPA CONTRACT NO. L1633-D1

RUNWAY 9-27 SAFETY AREA IMPROVEMENTS

PRELIMINARY DESIGN AND ENVIRONMENTAL

PERMITTING

LOGAN INTERNATIONAL AIRPORT

EAST BOSTON, MASSACHUSETTS

SUPPLEMENTAL INFORMATION PACKAGE



LEGAL NOTICE
REQUEST FOR QUALIFICATIONS

The MASSACHUSETTS PORT AUTHORITY (Authority) is soliciting consulting services for MPA CONTRACT NO. **L1633-D1, RUNWAY 9-27 SAFETY AREA IMPROVEMENTS PRELIMINARY DESIGN AND ENVIRONMENTAL PERMITTING, LOGAN INTERNATIONAL AIRPORT, EAST BOSTON MASSACHUSETTS**. The Authority is seeking a qualified multidiscipline consulting firm or team, with proven experience to provide professional services including preliminary design, environmental permitting, and planning services associated with proposed Runway 9-27 Safety Area Improvements. The Consultant must be able to work closely with the Authority, the FAA, and other interested parties in order to provide such services in a timely and effective manner.

The consultant shall demonstrate experience in several disciplines including but not limited to Federal and state environmental permitting, FAA and State regulations, civil, structural, geotechnical, and marine engineering, Cost Estimating, Construction Phasing, Sustainable Design and Community Outreach.

The contract will be work order based, and the Consultant's fee for each work order shall be negotiated; however, the total fee for the contract shall not exceed **\$1,500,000**. Services to be provided under this selection will terminate upon issuance of permits. To meet Federal procurement requirements, a separate solicitation will be made for final design and construction related professional services. Working on this first phase does not prevent any firm or team from pursuing work in the final design and construction phase service solicitation.

A Supplemental Information Package will be available, on **WEDNESDAY, JUNE 5, 2019** on the Capital Bid Opportunities webpage of Massport <http://www.massport.com/massport/business/bids-opportunities/capital-bids> as an attachment to the original Legal Notice, and on COMMBUYS (www.commbuys.com) in the listings for this project. If you have problems finding it, please contact Susan Brace at Capital Programs SBrace@massport.com The Supplemental Information Package will provide detailed information about Scope of Work, Selection Criteria and Submission Requirements.

In recognition of the unique nature of the project and the services required to support it, the Authority has scheduled a Consultant Briefing to be held at **9:00 A.M. on THURSDAY JUNE 13, 2019** at the Capital Programs Department, Suite 209S, Logan Office Center, One Harborside Drive, East Boston, Massachusetts 02128. At this session, an overview of the project will be provided, the services requested by the Authority will be described, and questions will be answered.

By responding to this solicitation, consultants agree to accept the terms and conditions of Massport's standard work order agreement, a copy of the Authority's standard agreement can be found on the Authority's web page at <http://www.massport.com/massport/business/capital-improvements/important-documents/>. The Consultant shall specify in its cover letter that it has the ability to obtain requisite insurance coverage.

This submission, including the litigation and legal proceedings history in a separate sealed envelope as required shall be addressed to Houssam H. Sleiman, PE, CCM, FCMAA, NAC, Hon. D.Eng., Director of Capital Programs and Environmental Affairs and received no later than **12:00 Noon on THURSDAY, JULY 25, 2019** at the Massachusetts Port Authority, Logan Office Center, One Harborside Drive, Suite 209S, Logan International Airport, East Boston, MA 02128-2909. Any submission which is not received in a timely manner shall be rejected by the Authority as non-responsive. Any information provided to the Authority in any Proposal or other written or oral communication between the Proposer and the Authority will not be, or deemed to have been, proprietary or confidential, although the Authority will use reasonable efforts not to disclose such information to persons who are not employees or consultants retained by the Authority except as may be required by M.G.L. c.66.

MASSACHUSETTS PORT AUTHORITY
JOHN P. PRANCKEVICIUS
ACTING CEO & EXECUTIVE DIRECTOR



Background:

Runway 9-27 is 7,001 feet long, 150 feet wide, and is constructed of warm mix asphalt pavement. The runway has 75' wide paved shoulders on either side. The adjoining taxiways are also constructed of hot mix asphalt pavement and are predominantly 100' wide with 35' wide paved shoulders. The runway is classified as a Runway Design Code (RDC) D-V. The standard runway safety area (RSA) dimensions for Runway 9-27 are as follows per the FAA:

- RSA Length Beyond Departure End: 1,000'
- RSA Length Prior to Threshold: 600'
- RSA Width: 500'

As part of the Logan International Airport Runway Incursion Mitigation Study, the Runway Safety Area Alternatives Study was conducted as it was identified that the current FAA design standards were not met. At the approach end of Runway 9 (western end of the runway), the current RSA meets the full dimensions set forth in the FAA design standards. The approach end of Runway 27 (eastern end of the runway) does not meet the current FAA design standards for length. The Runway 27 end is 500 feet wide, thus meeting the cited requirement, but there is only 150 feet of length (compared to 1,000') beyond the runway end before Boston Harbor. The alternatives study evaluated six potential options to mitigate the deficiencies of the length of Runway 27 end safety area. It should be noted that the Runway 9 threshold cannot be moved due to local court injunctions currently in place. Based on the FAA determination, the preferred option, **which will be the basis of the preliminary design and permitting associated with this project**, will be a 306' wide pile-supported deck (or pier) extending 650' from the existing runway threshold, with an Engineered Materials Arresting System (EMAS) installed on the deck. The deck will have a 75-year design life.

A copy of the “*Runway Incursion Mitigation Study Runway 9-27 Runway Safety Area (RSA) Alternatives Study*” will be provided by the Authority, in electronic format, upon request, by contacting Susan Brace at SBrace@massport.com. By providing this information, the Authority in no way attests to the accuracy of the information provided therein.

Scope of Work:

The Authority is seeking a qualified multidiscipline consulting firm or team, with proven experience to provide professional services including preliminary design and environmental permitting and planning services associated with the Runway 9-27 Safety Area Improvements at Logan International Airport. The Consultant must be able to work closely with the Authority and other interested parties in order to provide such services in a timely and effective manner.

The consultant shall demonstrate experience in several disciplines including but not limited to Federal and State environmental permitting and planning, civil, structural and marine engineering, cost estimating, construction phasing, and sustainable design. Any topographic survey needed as part of the preliminary design on the land portion of the project will be provided by Massport.

The scope of work shall include, but not be limited to the following:

- (1) Data collection, computer modeling and simulations and preliminary design (including schematic design of alternatives) required to support environmental permitting associated with the Runway 27 end safety improvements.



- (2) Preparation and filing of all applicable environmental permit applications including the joint MEPA/NEPA review process. The anticipated agencies to be coordinated with include, but are not limited to: FAA, MassDEP, US Army Corps of Engineers, Coastal Zone Management, National Marine Fisheries, MEPA, Boston Conversation Commission, and Massachusetts Department of Natural Heritage.
- (3) Support of public outreach and meetings as requested by and in close coordination with the Authority.

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The contract will be work order based and the Consultant's fee for each work order shall be negotiated, however, the total for the contract shall not exceed \$1,500,000.

Evaluation Criteria:

The submission shall be evaluated on basis of:

- (1) Current level of experience and knowledge of the team for similar projects, particularly the Project Manager,
- (2) Geographic location and availability of the Project Manager and other key personnel to be assigned to the project,
- (3) Experience and expertise of sub-consultants,
- (4) Development of a BIM Model and management of a BIMxP (BIM Execution Plan) and/or Civil 3D in support of Design and Construction,
- (5) Demonstrated experience in Lean Planning, Lean Construction and long-term experience working collaboratively with all parties during the preliminary design and permitting phase.
- (6) Familiarity with environmental regulations and permitting agency coordination,
- (7) Experience in applying FAA airport design standards and requirements,
- (8) Community and Agency outreach capabilities,
- (9) Familiarity with MGL,
- (10) Cost management and scheduling capabilities including the capability of the Consultant to meet project schedules,
- (11) DBE and affirmative action efforts, please indicate the proposed percentage (%) of DBE participation
- (12) Current level of work with the Authority, and past performance for the Authority, if any,
- (13) Experience with sustainable design concepts and resiliency, and
- (14) Project understanding and technical approach to this project.

The selection shall involve a two-step process including the shortlisting of a minimum of three firms based on an evaluation of the Statements of Qualifications received in response to this solicitation, followed immediately by a final selection of the consultant by the Authority. The Authority reserves the right to interview the firms prior to final selection, if deemed appropriate.

Submissions Requirements:

Each submission shall include a Statement of Qualifications that provides detailed information in response to the evaluation criteria set forth below and include Architect/Engineer & Related Services questionnaires SF 330 (www.gsa.gov/portal/forms/download/116486) with the appropriate number of Part IIs. DBE certification of the prime and sub-consultants shall be current at the time of submittal and the Consultant



shall provide a copy of the DBE certification letter from the Supplier Diversity Office, formerly known as State Office of Minority and Women Business Assistance (SOMWBA) within its submittal.

The Consultant shall also provide an (1) original and eight (8) copies of litigation and legal proceedings information, **signed under the pains and penalties of perjury**, in a separate sealed envelope entitled "Litigation and Legal Proceedings". See <http://www.massport.com/massport/business/capital-improvements/important-documents/> for more details on litigation and legal proceedings history submittal requirements.

All individuals responsible for technical disciplines shall, upon commencement of the project, be registered Architects or Engineers, in that discipline, in the Commonwealth of Massachusetts.

The Authority may reject any application if any of the required information is not provided: Cover Letter, Insurance Requirements, Litigation and Legal proceedings, and SF330 Part IIs for the Prime and every sub-consultant. Make sure that in the Cover Letter you mention the Insurance requirements and Litigation and Legal proceedings.

Submissions shall be printed on both sides of the sheet (8 1/2" x 11"), **no acetate covers**. An (1) original and eight (8) copies of a bound document AND one PDF version on a disc each limited to:

- 1) an SF 330 including the appropriate number of Part IIs,
- 2) resumes of key individuals only each limited to one (1) page under SF 330, Section E,
- 3) no more than ten (10) projects each limited to one (1) page under SF 330, Section F,
- 4) no more than 3 sheets (6 pages) of information contained under SF 330 Section H addressing the evaluation items (except for the litigation and legal proceedings history), and
- 5) no more than 2 sheets (4 pages) of other relevant material not including a 2 page (max.) cover letter, SDO certification letters, covers, dividers, and other required information.

By responding to this solicitation, consultants agree to accept the terms and conditions of Massport's standard work order agreement, a copy of the Authority's standard agreement can be found on the Authority's web page at <http://www.massport.com/massport/business/capital-improvements/important-documents/>. The Consultant shall specify in its cover letter that it has the ability to obtain requisite insurance coverage.

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The procurement process for these services will proceed according to the following anticipated schedule:



EVENT	DATE/TIME
Solicitation: Release Date and Supplemental Package Available	Wednesday, June 5, 2019
Consultant Briefing	Thursday, June 13, 2019 at 9:00 A.M. Logan Office Center, One Harborside Drive, , East Boston, MA
Deadline for submission of written questions	Tuesday, June 18, 2019 at 12:00PM (noon)
Official answers published (Estimated)	Friday, June 21, 2019
Solicitation: Close Date / Submission Deadline	Thursday, July 25, 2019 at 12:00PM (noon)

Times are Eastern Time (US).

Questions may be sent via email to CPBidQuestions@massport.com subject to the deadline for receipt stated in the timetable above. *In the subject lines of your email, please reference the MPA Project Name and Number.* Questions and their responses will be posted on Capital Bid Opportunities webpage of Massport <http://www.massport.com/massport/business/bids-opportunities/capital-bids> as an attachment to the original Legal Notice and on COMMBUYS (www.commbuys.com) in the listings for this project.

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