

A461
Building Sustainability & Efficiency Design Services
Project Briefing

Logan International Airport
East Boston, MA

03.21.24



A461 – Building Sustainability & Efficiency Design Services

Introductions

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

A461 – Building Sustainability & Efficiency Design Services

Background – Massachusetts Port Authority

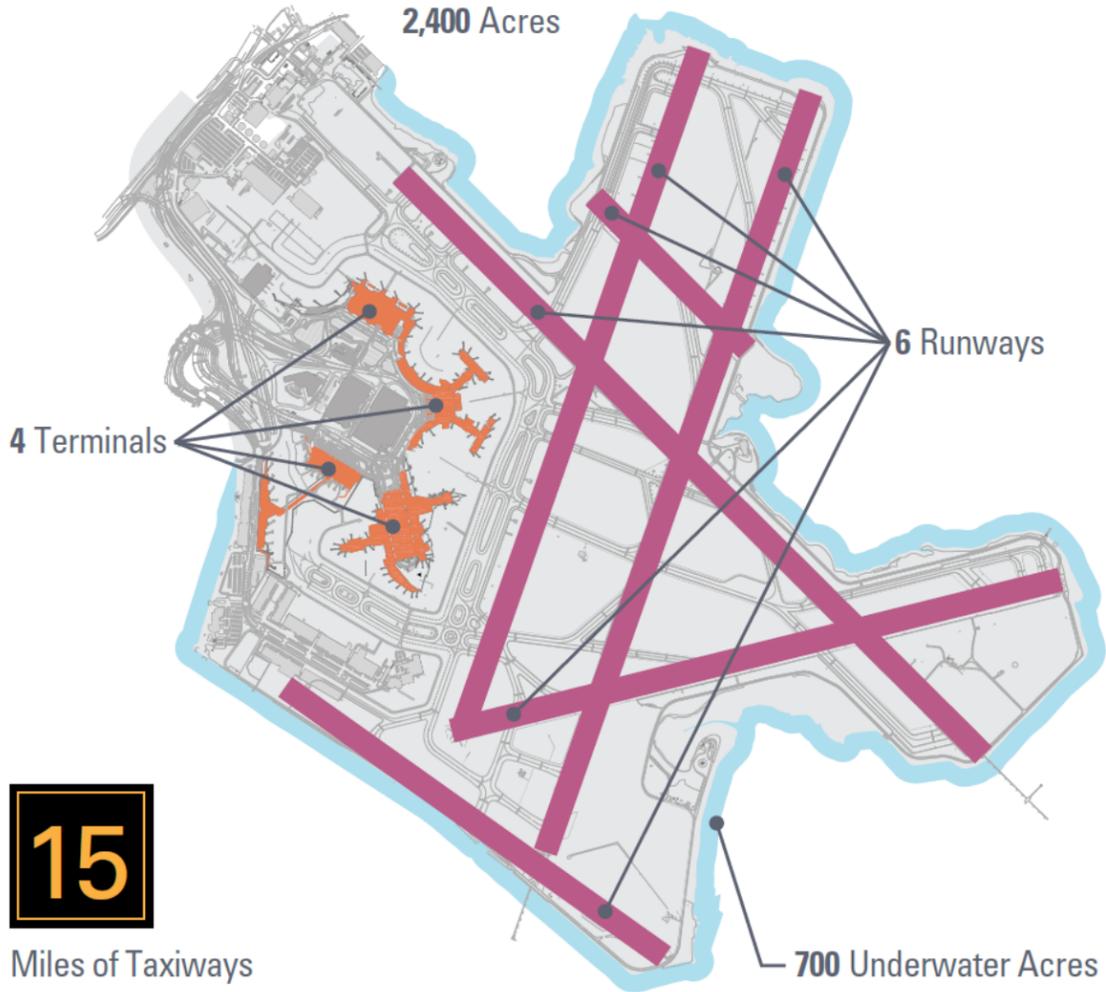
Maritime Locations



Aviation Facilities



Logan Airport



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Background

Building Condition & ASHRAE Audits:

- Massport has recently completed a Building Condition Assessment Audit (“MBCA Program”) as well as an ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers) audit of hundreds of Massport-owned buildings
- As a result the Authority has developed a database of findings, with varying degrees of urgency that the Authority is required to address
- The prospective Consultant(s) will support the Authority in the design-related and construction oversight needs to execute the necessary building improvements

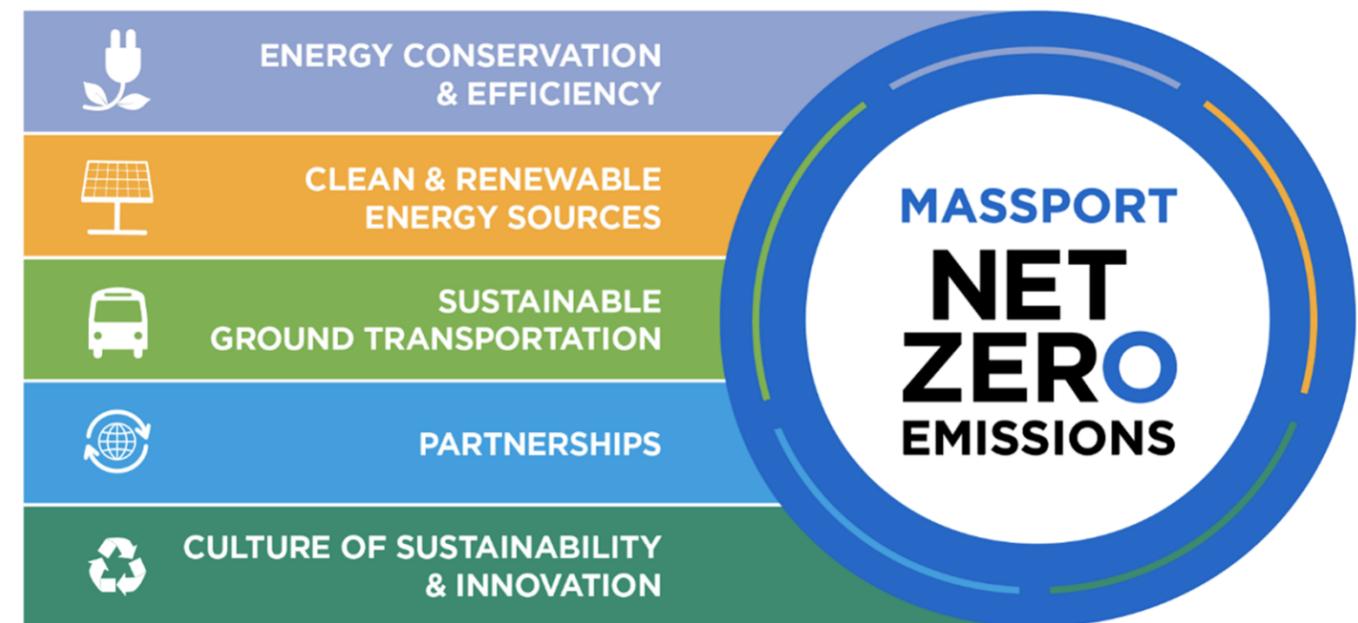


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Background

NetZero Initiative Scope Execution

- Massport has completed the first year of its NetZero initiative
- As a result the Authority has developed a database of “low hanging fruit,” with which Capital Programs seeks to resolve (i.e. PV/Solar panel design, LED lighting conversion, etc.)
- The prospective Consultant(s) will support the Authority in the design-related and construction oversight needs to execute the necessary energy-efficient improvements



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Authority's Needs

The Scope of Work comprises of two general components:

- a) Improvements to existing Massport buildings based on the findings from already completed MICA and ASHRAE studies, and
- b) Provide photovoltaic (“PV”) panel and associated electrical component design, complete with structural design and load calculations for PV panel installation

More specifically, the consultant(s) will be expected to:

- Confirm no major technical barriers to the proposed building improvement(s) and/or recommendation(s)
- Design various scopes of work in a manner that produces the least amount of impact to current operations and occupants of facilities
- Provide multiple sets of Construction Documents, based on location of recommended improvements and Scopes of Work
- Provide building metering design for electrical, mechanical and water equipment and systems, as per Massport standards.

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Project Schedule Expectations

Key Take-Aways

- April 2024 Submissions Due
- June 2024 Consultant Kick-off
- Summer 2024 Information Gathering & CoS
- Fall 2024 Design Efforts are Underway



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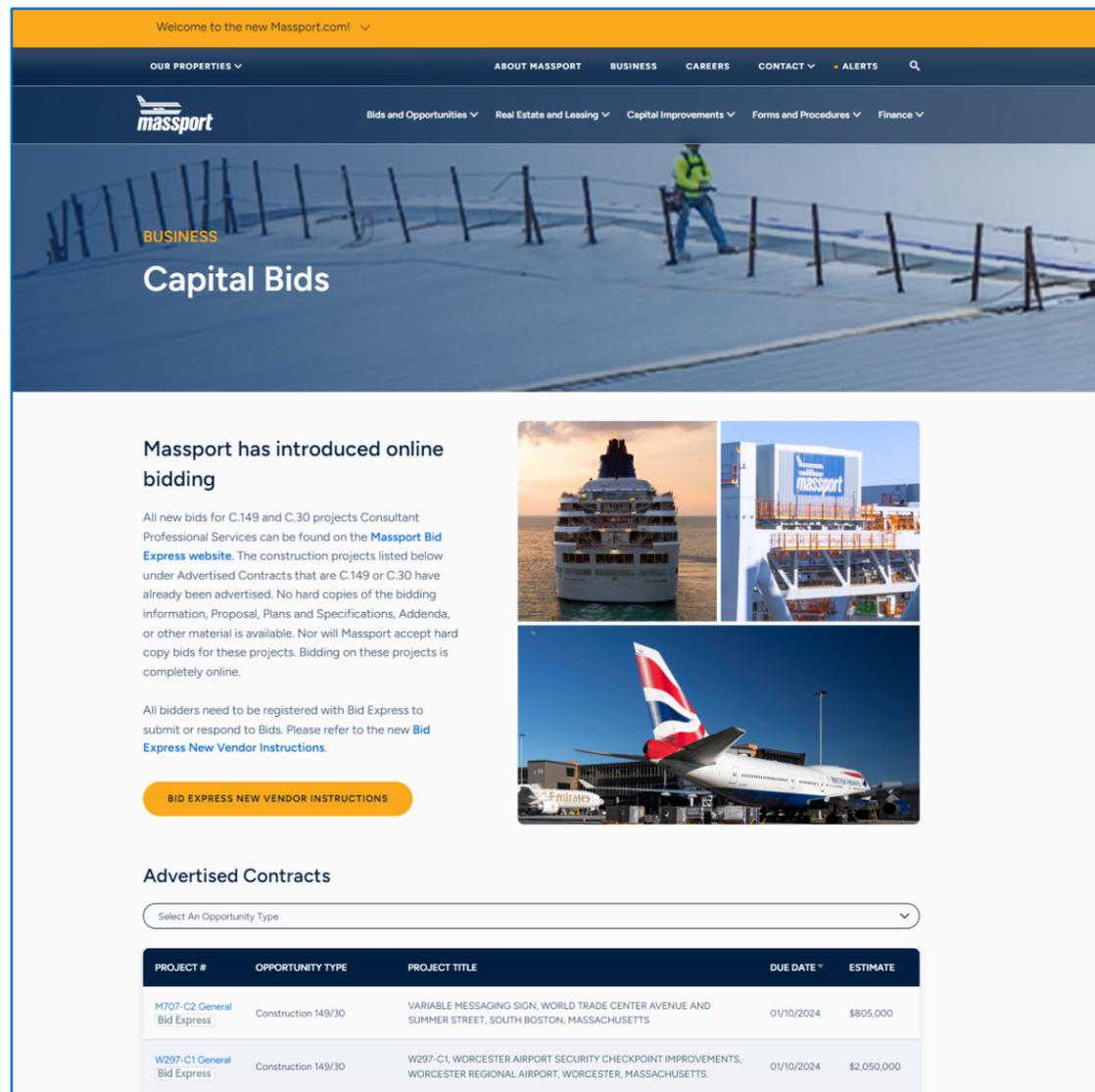
Evaluation Criteria

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 proposed Project Manager. Highlight the experience and expertise for major sub-consultants and their assigned staff. Familiarity with MGL, including filed sub-bid experience, 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 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
- (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).

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Bid Express Information



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massport

Bids and Opportunities | Real Estate and Leasing | Capital Improvements | Forms and Procedures | Finance

BUSINESS

Capital Bids

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](#).

[BID EXPRESS NEW VENDOR INSTRUCTIONS](#)

Advertised Contracts

Select An Opportunity Type

PROJECT #	OPPORTUNITY TYPE	PROJECT TITLE	DUE DATE	ESTIMATE
M707-C2 General Bid Express	Construction 149/30	VARIABLE MESSAGING SIGN, WORLD TRADE CENTER AVENUE AND SUMMER STREET, SOUTH BOSTON, MASSACHUSETTS	01/10/2024	\$805,000
W297-C1 General Bid Express	Construction 149/30	W297-C1, WORCESTER AIRPORT SECURITY CHECKPOINT IMPROVEMENTS, WORCESTER REGIONAL AIRPORT, WORCESTER, MASSACHUSETTS.	01/10/2024	\$2,050,000

- Massport has introduced online bidding for all C.149, C.149a and C.30 projects
- 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, C.149a and C.30 projects and Consultant Professional Services can be found on Bid Express <https://www.bidexpress.com/>



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Bid Express Information

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[BID EXPRESS NEW VENDOR INSTRUCTIONS](#)

Advertised Contracts

Select An Opportunity Type

PROJECT #	OPPORTUNITY TYPE	PROJECT TITLE	DOB DATE	ESTIMATE
H107-C2 General Bid Express	Construction 149/30	VARIABLE MESSAGING SIGNAL WORLD TRADE CENTER AVENUE AND SUMNER STREET, SOUTH BOSTON, MASSACHUSETTS	01/10/2024	\$805,000
W029-C1 General Bid Express	Construction 149/30	W029-C1 WORCESTER AIRPORT SECURITY CHECKPOINT IMPROVEMENTS, WORCESTER REGIONAL AIRPORT, WORCESTER, MASSACHUSETTS	01/10/2024	\$2,050,000
L1746	Professional Consultant	FIRE BOAT DOCK AND FERRY TERMINAL DOCK REHABILITATION AND ELECTRICAL UPGRADES	01/04/2024	\$1,000
L1746	Professional Consultant	FIRE BOAT DOCK AND FERRY TERMINAL DOCK REHABILITATION AND ELECTRICAL UPGRADES	01/04/2024	\$1,000
A450	Professional Consultant	AUTHORITY-WIDE ELEVATOR, ESCALATOR AND MOVING WALKWAY MODERNIZATION PROGRAM, BOSTON, BEEFORD AND WORCESTER, MASSACHUSETTS	12/01/2023	\$2,000,000
W029-C1 SUB Bid Express	Construction 149/30	WORCESTER AIRPORT SECURITY CHECKPOINT IMPROVEMENTS, WORCESTER REGIONAL AIRPORT, WORCESTER, MASSACHUSETTS	12/01/2023	\$4,050,000
A430-C1 Bid Express	Construction 149/30	PARKING FACILITIES, COUNTERS AND SIGNAGE, LOGAN AIRPORT EAST BOSTON, MASSACHUSETTS	12/20/2023	\$4,100,000
H124	Professional Consultant	H124 BERTHS 10, 11 & 12 ENHANCEMENT AND RELATED LOW-PROFILE STS CRANE PROCUREMENT, CONLEY TERMINAL, 700 SUMNER STREET, SOUTH BOSTON, MASSACHUSETTS	12/14/2023	\$50,000,000
L1781	Professional Consultant	LOGAN HVAC REPLACEMENT PROGRAM, LOGAN INTERNATIONAL AIRPORT, BOSTON, MASSACHUSETTS	12/14/2023	\$5,000,000
H107-C2 SUB Bid Express	Construction 149/30	VARIABLE MESSAGING SIGNAL WORLD TRADE CENTER AVENUE AND SUMNER STREET, SOUTH BOSTON, MASSACHUSETTS	12/13/2023	\$108,000
L1686 Bid Express	Construction Manager At Risk	AIR TRAFFIC CONTROL TOWER (ATCT) IMPROVEMENTS, AT BOSTON LOGAN INTERNATIONAL AIRPORT.	12/07/2023	\$35,000,000
L1833	Professional Consultant	CARGO THROUGHPUT FACILITY BOSTON LOGAN INTERNATIONAL AIRPORT, EAST BOSTON, MASSACHUSETTS	12/07/2023	\$30,000,000
LP2407-C1 Bid Express	Construction 149/30	FY2024-2027 SKILLED TRADES MAINTENANCE CONTRACT FOR CARGO BUILDING NOS. 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	12/06/2023	\$1,500,000

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



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Bid Express Information

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: praczkowski@massport.com
Time Zone: (GMT-05:00) Eastern Time (US & Canada)

Password: []
Password Confirmation: []
Question: []
Answer: []

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. No

Keep me updated on the latest Infotech new product releases and promotional offerings. No

- 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>



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Bid Express Information

Example: A447 RFQ listed below in Bid Express

Search for Number, Code or Description Reset Search

Create Solicitation Solicitations Templates Archives

Solicitation	Status	Due
A447 RFQ PROFESSIONAL SERVICES Professional Consultant Services A447 TERM ROOF AND BUILDING EN...	Draft	06/22/2023
LP2301 LP2301 FY 24-27 PASSENGER BOARDING BRIDGES MAINTENANCE ...	Advertised	05/25/2023
AP2302-C1 (TERM) AP2302-C1 TERM INTERIOR BUILDING REPAIRS, BOSTON, BEDFOR...	Draft	05/24/2023
AP2305-C1 (TERM) AP2305-C1, TERM CAULKING/SEALANT REPAIRS, BOSTON, BEDFOR...	Advertised	05/03/2023
L1740-C1 (GENERAL) L1740-C1 (GENERAL) LOC CRAC UNIT REPLACEMENT, ONE HARBO...	Closed	04/26/2023
L1738-C1 L1738-C1 ENERGY OPTIMIZATION PROGRAM – LOGAN AIRSIDE CHA...	Closed	04/19/2023
L1740-C1 (SUB) L1740-C1 (SUB) LOC CRAC UNIT REPLACEMENT, ONE HARBORSIDE ...	Closed	04/12/2023
W308-C1 W308-C1 RUNWAY 11-29 REHABILITATION FROM STATION 48+20 TO ...	Closed	03/22/2023
L1709-C1 L1709-C1 2023 MISCELLANEOUS AIRFIELD PAVEMENT IMPROVEMEN...	Closed	03/22/2023
H288-C1 H288-C1 RUNWAY 5-23 (SOUTH OF RW 11-29) REHAB, LIGHTING AND...	Closed	03/08/2023
AP2209-C1 (TERM) AP2209-C1 FY2023-2026 TERM CONTRACT FOR ON-CALL AND EMER...	Closed	03/08/2023
MP2301-C1 (TERM) MP2301-C1 (TERM) MARITIME PAVEMENT REPAIRS - TERM CONTRA...	Closed	03/08/2023
AP2304-C1R-(TERM) AP2304-C1R TERM DOOR REPLACEMENT BOSTON, BEDFORD, AND ...	Closed	02/22/2023
L1645-C1	Closed	02/02/2023

Submit Qualifications under Required Document List

Bid Express

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Status: Draft Advertise More

Attachment List Bid Bond Build Your Own Envelope Item List

General Info Edit

Number: A447 RFQ PROFESSIONAL SERVICES
 Deadline: 06/22/2023 12:00 PM EDT
 Auto Advertise: 05/16/2023 09:00 AM EDT
 Description: Professional Consultant Services A447 TERM ROOF AND BUILDING ENVELOP ALL MASSPORT FACILITIES BOSTON-BEDFORD & WORCESTER MASSACHUSETTS
 MAY, 2023
 State: Massachusetts
 County: Suffolk

Allow zero unit prices and labor? No
 Allow negative unit prices and labor? No
 Allow multiple bids per vendor for this solicitation? No
 Allow Electronic Signatures? Yes
 Allow vendors to ask questions? No
 Restricted? No
 Mark solicitation as an RFP? No

Project Solicitation Documents Edit More

Order	Name	Description
0	Attachments	



A461 – Building Sustainability & Efficiency Design Services

Submission Requirements

The Authority may **reject** any application if any of the **required information** is **not provided**:

1. Cover Letter
2. Insurance Requirements
3. Registration of the Prime “Designer” as defined in MGL Chapter 7C Section 44
4. 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***”
- Notes the *Insurance Requirements* and *Registration* of the *Prime “Designer,”* as defined in MGL Chapter 7C Section 44

- Consultant shall provide a copy of M/WBE certification letter from the Supplier Diversity Office for M/WBE and from the MassUCP for DBE, within its submittal
- Submission shall be
 - Addressed to Luciana Burdi, Intl. Assoc. AIA, CCM, MCPPO, Director of Capital Programs and Environmental Affairs
 - **Received no later than 12:00 Noon on Thursday April 25, 2024**
 - Submissions via Bid Express <https://www.bidexpress.com/businesses/27137/home>
 - *Any submission which is not received by the deadline shall be rejected by the Authority as non-responsive*

A461 – Building Sustainability & Efficiency Design Services

Submission Schedule

- RFQ questions sent via email to CPBidQuestions@massport.com
- In the subject lines of your email, please reference **A461 – Building Sustainability & Efficiency Design Services**
- Deadline for questions: **Thursday, March 25, 2024 @ 12:00PM (noon)**
- Questions and responses will be posted 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.

EVENT	DATE/TIME
Solicitation: Release Date and Supplemental Package Available	Wednesday, March 13, 2024
Consultant Briefing ZOOM	March 21, 2024 at 4:00PM
Deadline for submission of written questions	Monday, March 25, 2024 at 12:00PM (noon)
Official answers published (Estimated)	Friday March 29, 2024
Solicitation Close / Submission Deadline	Thursday, April 25, 2024 at 12:00PM (noon)



THANK YOU
QUESTIONS?