

VERTICAL CONSTRUCTION INDUSTRY DAY

New England District

18 March 2024



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- ☐ Welcome / Opening Remarks
- ☐ Intent and Scope of Industry Day / Ground Rules
- ☐ Introduction to New England District
- ☐ Vertical Construction Program Updates
 - ☐ Military Overview (FY24-FY26)
 - ☐ Interagency Overview (FY24-FY26)
 - ☐ Operations Division Overview (FY24-FY26)
 - ☐ Specific Project Updates
- ☐ Informational / Discussion Topics
 - ☐ Project Partnering
 - ☐ Project Labor Agreements (PLAs)
 - ☐ Industry Challenges
- ☐ Question & Answer
- ☐ Next Steps

WELCOME / OPENING REMARKS



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INTENT, SCOPE, AND GROUND RULES

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Intent: Update industry on the District's upcoming vertical construction opportunities across all business lines, to include military and interagency stakeholders and the District's operational project sites throughout New England. Create a forum for dialogue about upcoming opportunities and changes and challenges across the industry.

Ground Rules:

- ☐ Please mute your audio when you are not the speaker.
- ☐ Cameras should remain off unless you are speaking to preserve bandwidth and overall meeting quality for all participants.
- ☐ For any questions/comments, please use the 'Raise Hand' and/or chat features available within the meeting.

INTRODUCTION TO NEW ENGLAND DISTRICT



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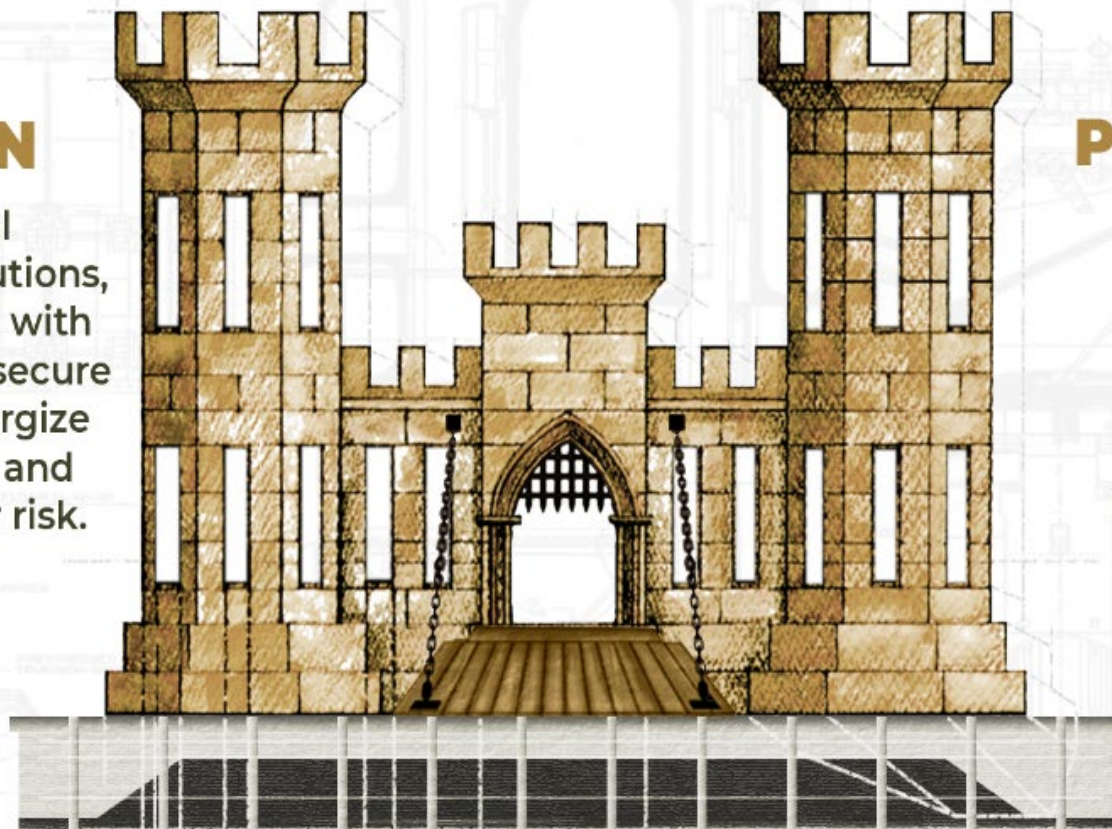


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MISSION

Deliver vital engineering solutions, in collaboration with our partners, to secure our Nation, energize our economy, and reduce disaster risk.



PRIORITIES

PEOPLE

READINESS

PARTNERSHIPS

REVOLUTIONIZE

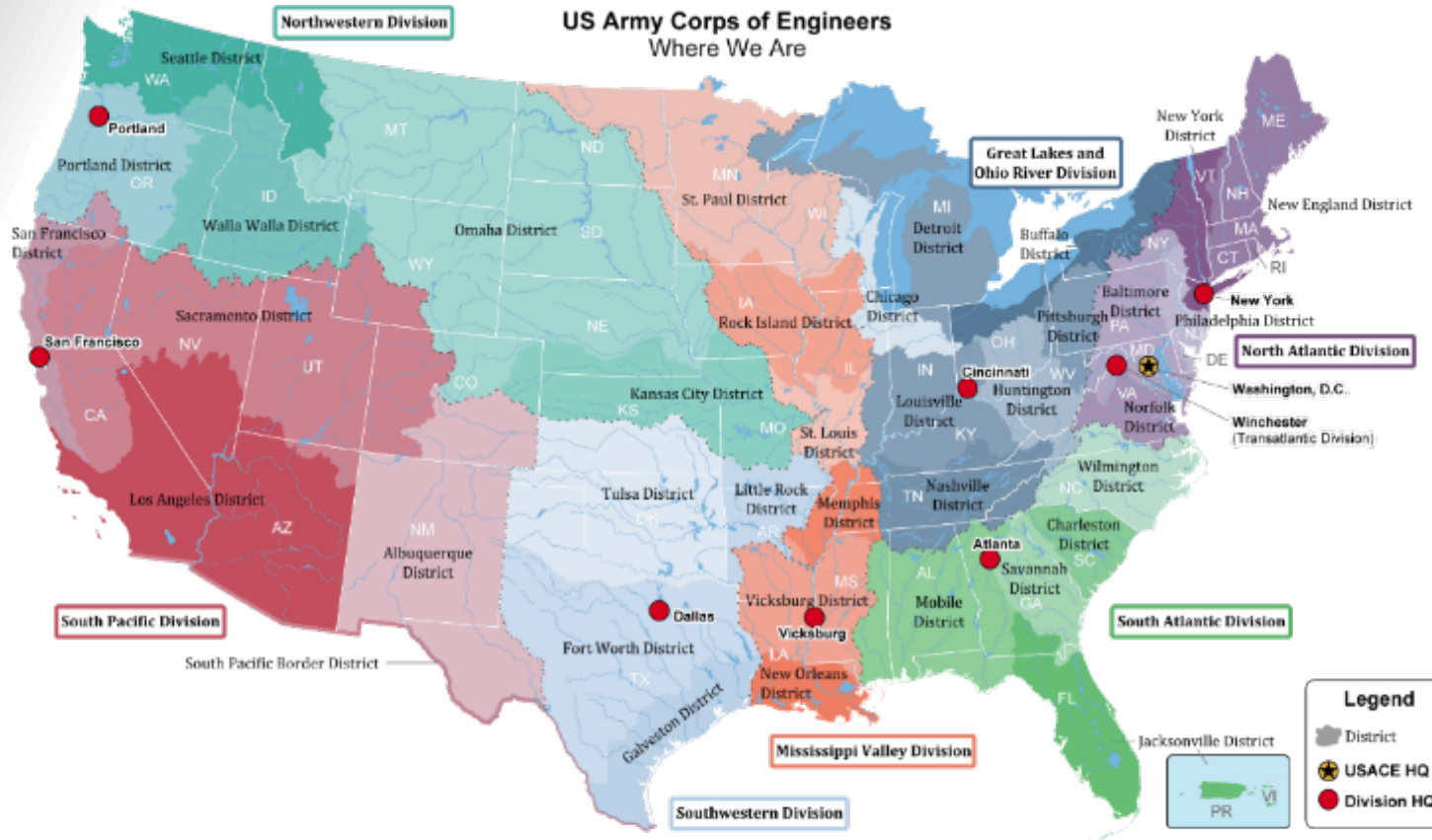
ENGINEERING SOLUTIONS FOR THE NATION'S TOUGHEST CHALLENGES



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VISION, MISSION, & ORGANIZATION

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Civil Works Districts shown in United States. Military Districts shown outside United States.

Other Organizations

249th Engineer Battalion
 Army Geospatial Center
 Engineering and Support Center, Huntsville
 Engineer Research and Development Center (ERDC), 7 labs
 Institute for Water Resources
 Marine Design Center
 USACE Finance Center
 USACE Logistics Activity



USACE Mission

Deliver vital engineering solutions, in collaboration with our partners, to secure our Nation, energize our economy, and reduce risk from disaster.

USACE Vision

Engineering solutions for the Nation's toughest challenges.

Headquarters

- 9 Divisions**
- 44 Districts**
- 9 Centers and Labs**
- 1 Active-Duty Unit**
249th Prime Power Battalion
- 2 U.S. Army Reserve Theater Engineer Commands**
412th and 416th

36,000 DA Civilians | 800 Military | \$62 Billion Budget



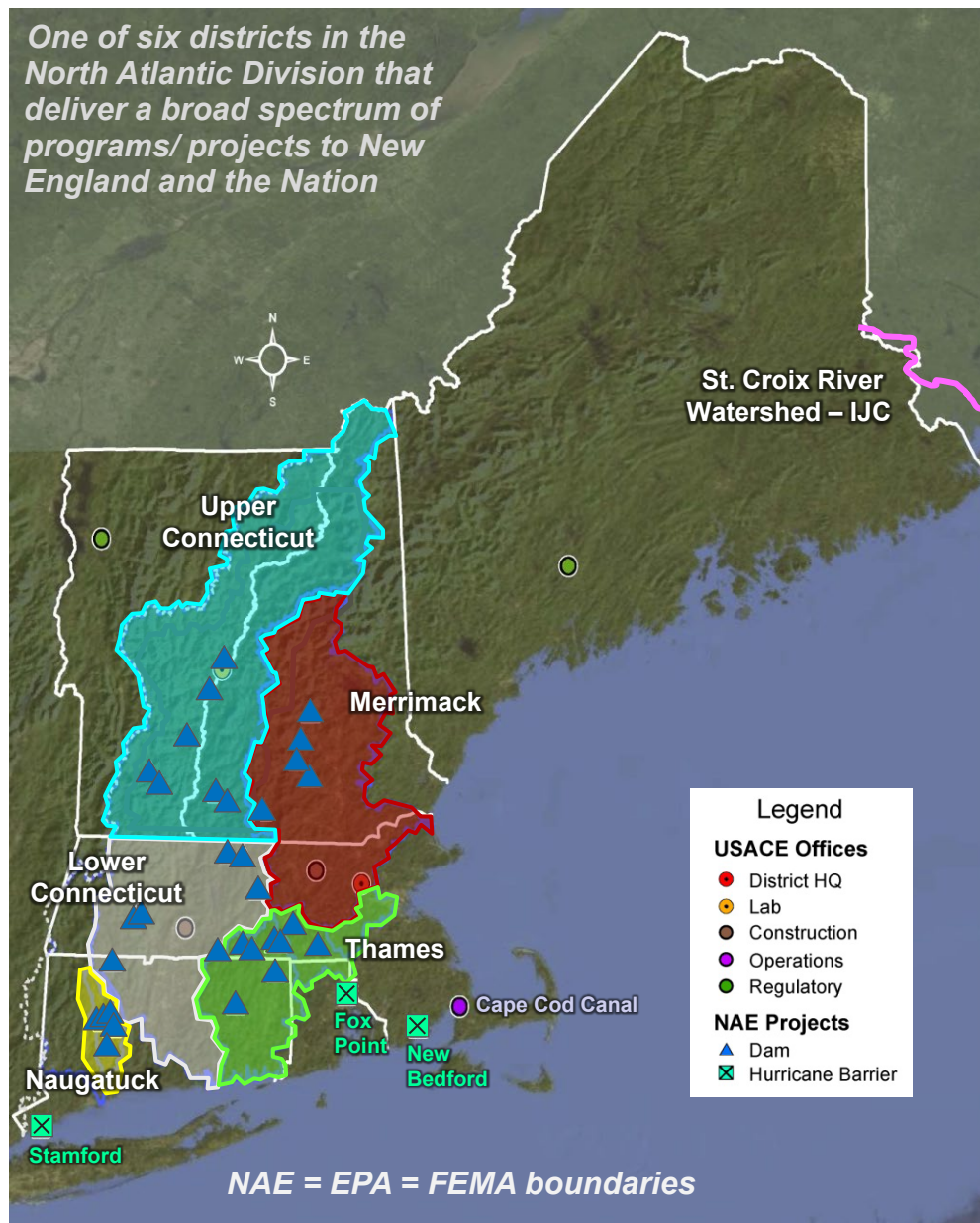
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NEW ENGLAND DISTRICT OVERVIEW

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One of six districts in the North Atlantic Division that deliver a broad spectrum of programs/projects to New England and the Nation



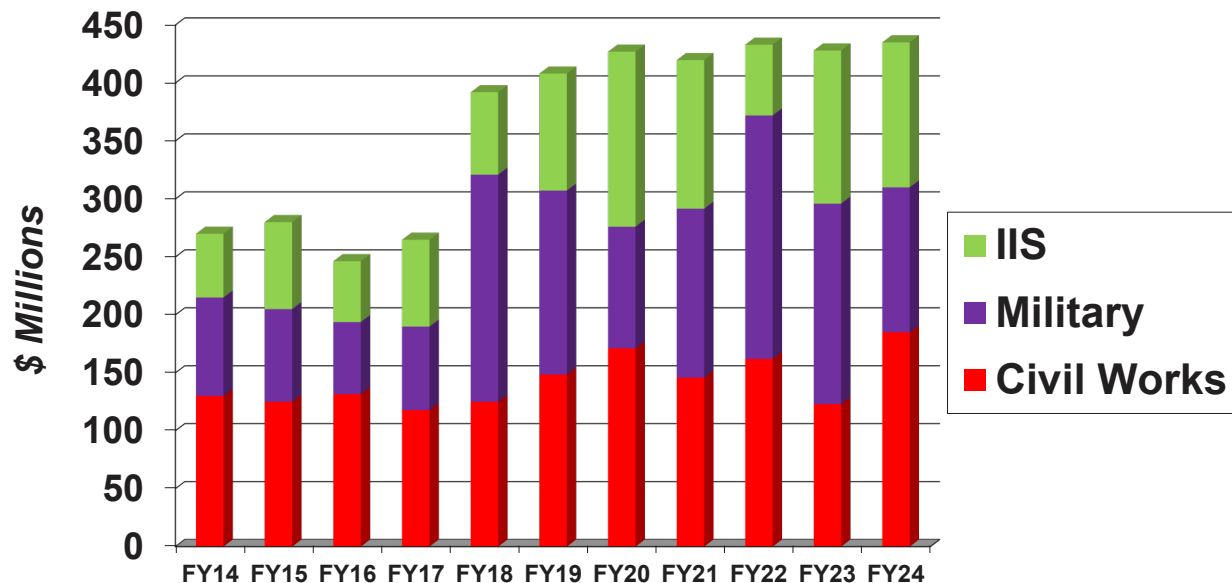
- 6 Governors
- 12 Senators
- 21 Congressional Districts
- 13 million people
- 66,000 square miles
- 6,100 miles of coastline
- 11 deep draft commercial waterways
- 13 major river basins
- 171 Federal harbors
- 5 Military Bases
- 490 Employees
- 31 Dams; 5 Basin Offices
- 2 Area Engr, 5 Resident Engr, and 2 Regulatory Offices
- 3 Hurricane Barriers
- Cape Cod Canal
- ~ 2500 Permits issued annually



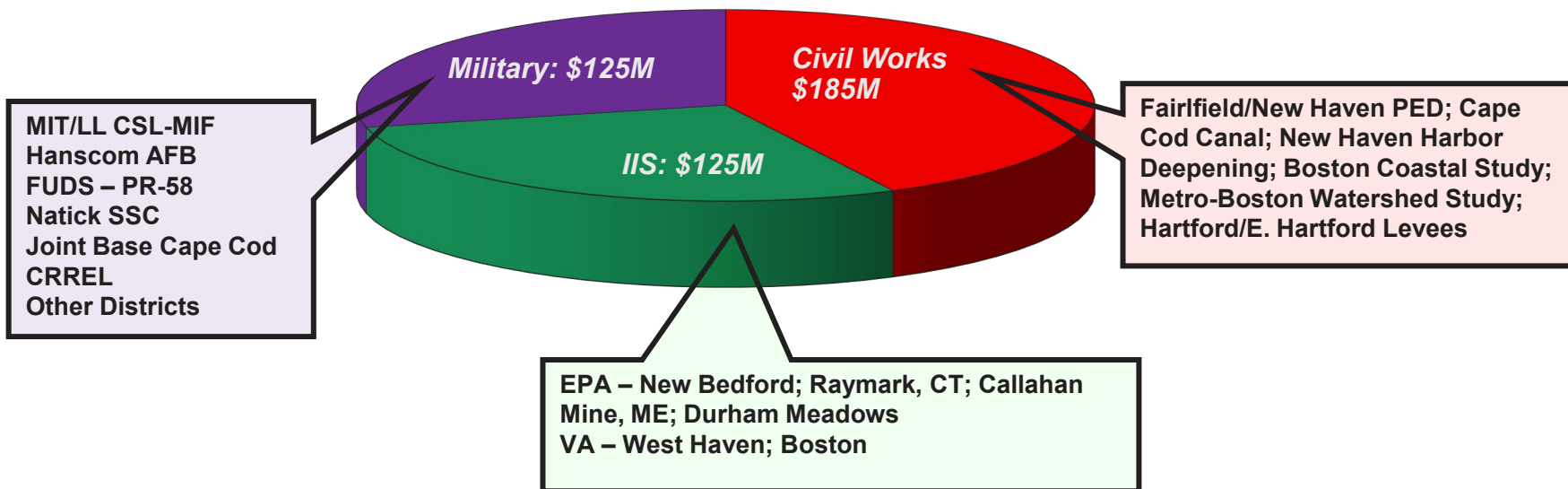
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NEW ENGLAND DISTRICT PROGRAM TRENDS

FY14 – FY24



FY 24





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ENGAGE WITH US!

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VERTICAL CONSTRUCTION PROGRAM UPDATES



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MILITARY OVERVIEW (FY24-FY26)

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PROJECT NAME	PROJECT LOCATION	DOLLAR VALUE	SOLICITATION TIMELINE
**Nuclear Command, Control, and Communications (NC3) Acquisition Management Facility	Hanscom AFB (MA)	\$40M-\$60M	FY24, 4 th Quarter
Upgrade Access Control Point (ACP)	Natick SSC (MA)	\$7M-\$12M	FY24, 4 th Quarter
Barracks Addition	Natick SSC (MA)	\$15M-\$20M	FY24, 3 rd Quarter
Defense Intelligence Agency – SCIF Renovation	USCG Boston (MA)	\$7M-\$12M	FY25, 2 nd Quarter
**MIT LL West Lab Engineering Prototyping Facility (EPF)	Hanscom AFB (MA)	\$250M-\$300M	FY25, 4 th Quarter
Military Working Dog Facility	Hanscom AFB (MA)	\$5M-\$10M	FY26
Fire Station	Hanscom AFB (MA)	\$30M-\$40M	FY26
**Power Generation Microgrid	Cape Cod SFS (MA)	\$75M-\$100M	FY26
Dining and EMEDS Facility	Otis ANGB (MA)	\$15M-\$20M	FY27

**Individual Project Slide Later in Presentation



INTERAGENCY OVERVIEW (FY24-FY26)



PROJECT NAME	PROJECT LOCATION	DOLLAR VALUE	SOLICITATION TIMELINE
**Department of Homeland Security – Renovation of 7 th and 8 th Floor	Barnes Building, Boston, MA	\$15M-\$25M	FY25, 4 th Quarter
**Veterans Affairs – New Surgical Tower and Clinical Space Tower	West Haven Medical Center (CT)	\$450M-\$500M	FY25, 4th Quarter
Veterans Affairs – Data Center	West Roxbury Medical Center (MA)	\$25M-\$35M	Unknown
Veterans Affairs – Data Center	Brockton Medical Center (MA)	TBD	Unknown

**Individual Project Slide Later in Presentation



OPERATIONS DIVISION OVERVIEW (FY24-FY26)



PROJECT NAME	PROJECT LOCATION	DOLLAR VALUE	SOLICITATION TIMELINE
Hodges Village Dam, Electrical Feeder Conductor Replacement	Oxford, MA	\$250k-\$500k	FY24, 4 th Quarter
**Stamford Hurricane Barrier, Gate Repair	Stamford, CT	\$25M-\$50M	TBD (pending funds) – Assume FY26, 1 st Quarter
East Brimfield, New Office Building (~3,800SF)	Fiskdale, MA	\$1M – \$5M	TBD (pending funds) – Assume FY25, 4 th Quarter

**Individual Project Slide Later in Presentation



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SPECIFIC PROJECT UPDATES

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- ☐ Nuclear Command, Control, and Communications (NC3) Acquisitions Management Facility, Hanscom AFB, Massachusetts
- ☐ MIT LL West Lab Engineering Prototyping Facility (EPF), Hanscom AFB, Massachusetts
- ☐ Power Generation Microgrid ERCIP, Cape Cod SFS, Massachusetts
- ☐ Veterans Affairs – New Surgical Tower and Clinical Space Tower, West Haven Medical Center, Connecticut
- ☐ Department of Homeland Security – Renovation of 7th / 8th Floor, Barnes Building, Boston, Massachusetts
- ☐ Hurricane Barrier Repairs, Stamford, Connecticut

NC3 ACQUISITION MANAGEMENT FACILITY

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Project Scope: Construct a new Logistics Readiness Squadron (LRS) Warehouse, demolish the existing LRS Warehouse, and construct a new 2-3 story secure NC3 Acquisition Management Facility at Hanscom AFB.

- Solicitation Approach:** Split Procurement
- ☐ Design/Build LRS Warehouse Construction (MATOC)
 - ☐ Design/Build NC3 Construction and LRS Demolition (Two-Step Best Value/Trade-Off)

Schedule:

Activity	Date
LRS Warehouse Advertisement (MATOC)	April 2024
NC3 Construction Advertisement	June/July 2024
LRS Warehouse Award	June 2024
NC3 Construction Award	May 2025



Notes of Interest:

- ☐ Design/Build RFP revisions are currently ongoing to support re-solicitation.
- ☐ Timing of project milestones is critical to support relocation of Base personnel to new LRS Warehouse facility.



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MIT LL ENGINEERING PROTOTYPING FACILITY

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Project Scope: Construct a new Fabrication Engineering & Rapid Prototyping Facility to include electronics laboratories, cleanrooms, and high-bay research space at Hanscom AFB.

Solicitation Approach: Split Procurement

- ☐ Demolition of Existing AFRL Buildings (IFB)
- ☐ Design-Bid-Build EPF Construction (Best Value/Trade-Off)

Schedule:

Activity	Date
Demolition Contract Advertisement	April 2025
Demolition Contract Award	June 2025
MIT LL EPF Industry Day	TBD
EPF Construction Contract Advertisement	Late FY25 / Early FY26
EPF Construction Contract Award	TBD



Notes of Interest:

- ☐ Design ongoing following finalization of critical scoping decision and increased Programmed Amount (PA) to \$315M.
- ☐ Timing of advertisement / award for EPF construction is linked to current construction at the MIT LL CSL-MIF site.



POWER GENERATION MICROGRID



Project Scope: Construct a new power generation microgrid to include new switchgear, diesel backup generators, UPS, wind power integration, battery energy storage systems (BESS), and all associated utility equipment at Cape Code SFS.

Solicitation Approach:

- ☐ Design-Bid-Build, Best Value/Trade-Off (BVTO)



Schedule:

Activity	Date
Design Contract Award	March 2024
Power Generation Microgrid Industry Day	TBD
Design Complete / Ready to Advertise	August 2025
Construction Contract Advertisement	FY26, 1 st Quarter
Construction Contract Award	FY26, 4 th Quarter

Notes of Interest:

- ☐ Project will include both Air Force ERCIP and user-funded scope elements to be executed concurrently in one construction contract.
- ☐ All construction plans and phasing documents will be developed to minimize mission impacts at CCSFS.



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NEW SURGICAL AND CLINICAL TOWERS

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Project Scope: Construct new surgical and clinical tower space (~190,000 sf) at the VA West Haven Campus. Work also includes demolition of several structures (~40,000 sf), connection of multiple existing facilities and central plant and utility distribution rehabilitation and extension scope.

Solicitation Approach:

- ☐ Approved: Two-Step Design/Build BVTO

Schedule:

Activity	Date
Budget/Funding Profile Confirmation	April 2024
Design Complete/Ready to Advertise	May 2024
Construction Contract Advertisement	May 2024
Down-Select for Phase II Submissions	October 2024
Construction Contract Award	FY25, 4 th Quarter



Notes of Interest:

- ☐ Phased Demolition/Construction & Temporary /Permanent Utilities. Project will have site laydown and space constraints.
- ☐ Working adjacent to an Active Medical Center including coordination with existing facility's systems.
- ☐ Ongoing industry engagement throughout design process and in advance of solicitation.



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BARNES BUILDING 7TH/8TH FLOOR RENOVATION



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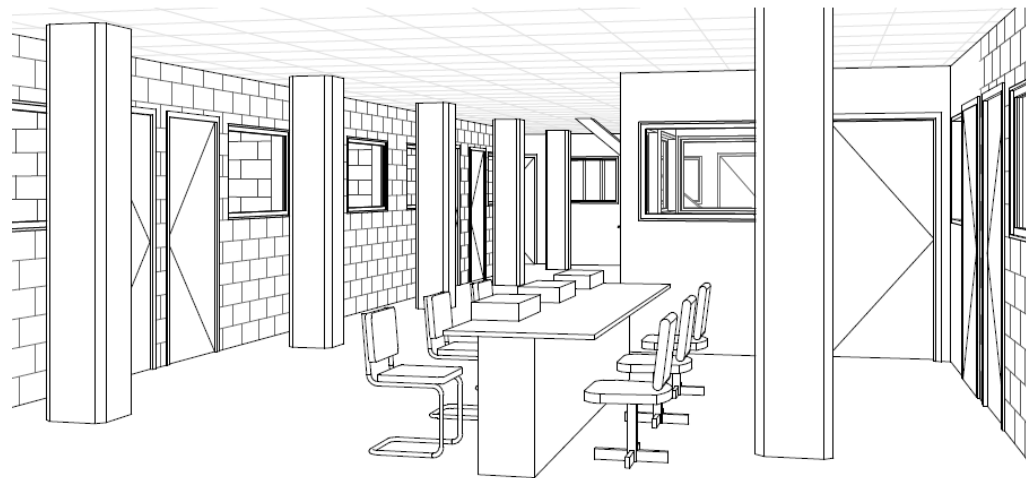
Project Scope: Renovation of the 7th and 8th floors (~100,000 sf) of the Barnes Building to allow colocation and consolidation of space for CBP and ICE. Includes creation of a dedicated, secure entrance on the 1st floor (~12,000 sf) for DHS use, as well as creating new secure parking area.

Solicitation Approach:

☐ TBD

Schedule:

Activity	Date
Pre-Design Phase Submission	April 2024
A/E Design Contract Award	FY24, 3 rd Quarter
Design Completion / Ready to Advertise	FY25, 2 nd Quarter
Construction Contract Advertisement	FY25, 2 nd Quarter
Construction Contract Award	FY25, 4 th Quarter



Notes of Interest:

- ☐ Design integrates requirements from multiple end users, requiring focused coordination of any job changes and phasing strategies for re-use of existing furniture.
- ☐ Intricate construction phasing will be required in order to accommodate re-use of existing office furniture and time sensitive occupancy.
- ☐ The Government is still resolving finalization of suitable laydown area for construction activities in a tight urban environment.



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STAMFORD HURRICANE BARRIER

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Project Scope: Repairs for the existing hurricane barrier gate components, to include the gate hinge assembly, trolley assembly, and gate lifting connections. Contract to also include repainting the gate & replacement of existing Programmable Logic Controller (PLC) system.

Solicitation Approach:

- ☐ Gate Repair Contract (IFB)

Schedule:

Activity	Date
Market Research for Gate Repair Contract	FY25, 3 rd Quarter
Stamford Hurricane Barrier, Gate Repair Industry Day	TBD
Design Complete / Ready to Advertise	Late FY25 / Early FY26
Construction Contract Advertisement	FY26, 1 st Quarter
Construction Contract Award	FY26, 1 st Quarter



Notes of Interest:

- ☐ Design & award schedule contingent on receiving additional funding through Civil Works Program in FY25 and FY26.
- ☐ Gate repair work to be completed in the dry. USACE investigating different construction approaches. One alternative includes cofferdams on either side of the barrier to dewater the gate pocket, as well as means to release water due to precipitation & runoff inside the now enclosed interior.

INFORMATIONAL / DISCUSSION TOPICS



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PROJECT PARTNERING

- ☐ Required by USACE policy as a critical component of every construction project.
- ☐ EP 34-1-1 Construction Project Partnering Playbook
- ☐ Objective is to find common understanding, share risk, and develop a clear path to execute the construction project TOGETHER!
- ☐ New England District Implementation
 - ☐ Partnering can be Formal or Informal, depending on the size or complexity of the project being executed.
 - ☐ Contract specifications will detail whether Formal or Informal partnering is required for an individual project.
 - ☐ Partnering may begin before a construction contract is awarded, establishing a partnering atmosphere around a project throughout the planning and design phases, and then incorporating the construction contractor post-award.



CEMP-IS	DEPARTMENT OF THE ARMY U.S. Army Corps of Engineers 441 G Street, NW Washington, DC 20314-1000	EP 34-1-1
Pamphlet No. 34-1-1		30 April 2022
STANDARDIZATION CONSTRUCTION PROJECT PARTNERING PLAYBOOK		
<p>1. <u>Purpose.</u> The purpose of this engineer pamphlet (EP) is to establish actionable guidance based on the core partnering principles detailed in Command Policy Notice CECG 34-1-5, Command Partnering Philosophy, which sets a consistent standard for how the U.S. Army Corps of Engineers (USACE) should implement partnering on all construction projects.</p> <p>2. <u>Applicability.</u> This Construction Project Partnering Playbook (Playbook) applies to the delivery of any project administered by USACE that constructs, renovates, refurbishes, demolishes, and/or modifies a structure or infrastructure, hereinafter referred to as a "construction project." This includes projects executed directly by USACE or through a third party such as a foreign nation or other federal or non-federal partner.</p> <p>3. <u>Distribution Statement.</u> Approved for public release; distribution is unlimited.</p>		
FOR THE COMMANDER:		
7 Appendixes	 JOHN P. LLOYD COL, EN Chief of Staff	
EP 34-1-1 • 30 April 2022		i



PROJECT LABOR AGREEMENTS



- ☐ Required for all construction contracts >\$35M in accordance w/ Executive Order (EO) 14063, effective 22 January 2024.

- ☐ What is a PLA?
 - ☐ A type of collective bargaining agreement used in the construction industry.

- ☐ Detailed implementation instructions continue to evolve but are coming into focus.
 - ☐ During acquisition planning, the applicability of PLAs will be considered on a project-by-project basis with the intent to determine whether an exception exists to the use of a PLA for a large-scale construction contract.
 - ☐ Determining when the executed PLA(s) must be provided to the Government.
 - ☐ Pre-Award: Executed PLA submitted from all offerors at the time of submission.
 - ☐ Pre-Award from apparent awardee: Executed PLA submitted upon notification of apparent awardee.
 - ☐ Post-Award: Awardee is given an opportunity to finalize and submit the executed PLA following contract award.

- ☐ New England District will be learning, too. We need to hear from you about how the process is working, what could make it easier/clearer, and anything else impacting implementation of this requirement.

- ☐ First New England District project requiring a PLA will likely be the NC3 MILCON project. A market inquiry for this project is expected soon, if not released already.



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INDUSTRY CHALLENGES

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- ☐ What are you struggling with?
- ☐ Are there parts of the USACE or New England District process that make it more difficult for you to bid/propose?
- ☐ Where else can we advertise our opportunities to keep you in the loop (social media, professional organizations, web sites, etc.)?
- ☐ What do you see on the horizon that could pose challenges for the District's vertical construction programs?

QUESTION & ANSWER



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NEXT STEPS



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FOR UPDATED INFORMATION

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Vertical Construction Industry Day – <https://www.nae.usace.army.mil/Business-With-Us/Contracting/NAE-Vertical-Construction-Industry-Day/>



- ☐ Your hub for all things related to the District's vertical construction outreach.
- ☐ Today's slides will be posted to the web page.
- ☐ Details of the next Vertical Construction Industry Day will be posted soon (targeting October 2024).

NAE Contracts Branch - <https://www.nae.usace.army.mil/Business-With-Us/Contracting/Contracting-Actions/>

NAE Small Business Program – <https://www.nae.usace.army.mil/Business-With-Us/Small-Business/>

Reach Out to Us! Ask Questions!



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CONNECTING WITH US

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Points of Contact

- ❑ Scott Acone – Deputy District Engineer for Project Management
 - ❑ scott.e.acone@usace.army.mil or (978) 318-8162
- ❑ Mark Anderson – Chief, Military Project Management Branch
 - ❑ mark.j.anderson.jr@usace.army.mil or (978) 318-8072
- ❑ James Newman – Chief, Civil Works / IIS Project Management Branch
 - ❑ james.m.newman@usace.army.mil or (978) 318-8425
- ❑ Sheila Winston-Vincuilla – District Contracting Chief
 - ❑ sheila.m.winston@usace.army.mil or (978) 318-8159
- ❑ Erin Bradley – Deputy Chief, Contracting Division
 - ❑ erin.e.bradley@usace.army.mil or (978) 318-8195
- ❑ Eva Marie D'Antuono – Deputy for Small Business
 - ❑ evamarie.dantuono@usace.army.mil or (978) 318-8427



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