

# PROGRAM OVERVIEW

## *“North to the Future”*

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U.S. Army Corps of Engineers

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US Army Corps  
of Engineers®





# MILITARY CONSTRUCTION OPPORTUNITIES

## FISCAL YEAR 2022-26



PROJECT / LOCATION	VALUE	EXECUTION STRATEGY	CONTRACT TYPE	SOLICITATION TARGET	AWARD TARGET
Missile Field 1 Expansion, Fort Greely	\$8M - \$10M	D/B/B	Set Aside	2QFY22	3QFY22
Extend Runway 16/34, JBER	\$225M - \$250M	D/B/B	Unrestricted	1QFY22	3QFY22
Barracks, Fort Wainwright	\$70M - \$80M	D/B	Unrestricted	3QFY22	4QFY22
Dorm, Clear SFS	\$55M - \$65M	D/B	Unrestricted	4QFY22	1QFY23
Physical Readiness Fieldhouse, Fort Wainwright	\$55M - \$65M	D/B	Unrestricted	4QFY23	1QFY24
AKARNG Readiness Center, JBER	\$55M - \$65M	TBD	Unrestricted	1QFY24	2QFY24
HC-130J Simulator Facility, JBER	\$15M - \$20M	TBD	TBD	3QFY24	4QFY24
AKANG Base Supply Complex, JBER	\$20M - \$30M	TBD	TBD	3QFY24	4QFY24
Barracks, Fort Wainwright	\$155M - \$165M	D/B	Unrestricted	4QFY24	1QFY25
Automated Multipurpose Machine Gun Range, Donnelly TA	\$10M - \$15M	D/B/B	Set Aside	1QFY25	2QFY25
F-22 Fuels System, JBER	\$40M - \$45M	D/B/B	Unrestricted	1QFY25	2QFY25
Consolidate Munitions on Quarry Hill, Eielson AFB	\$20M - \$25M	TBD	TBD	1QFY25	2QFY25
Red Flag JPARC Facility, Eielson AFB	\$20M - \$25M	TBD	TBD	1QFY25	2QFY25
Repair Building 1120 Pararescue Alert, Eielson AFB	\$7M - \$10M	TBD	TBD	1QFY25	2QFY25
Consolidated Civil Engineer/Security Forces Facility, Clear SFS	\$55M - \$60M	D/B	Unrestricted	1QFY26	2QFY26



# MILITARY CONSTRUCTION OPPORTUNITIES EMERGING KC-135 PROGRAM



PROJECT / LOCATION	VALUE	EXECUTION STRATEGY	CONTRACT TYPE	SOLICITATION TARGET	AWARD TARGET
KC-135 Redistribution Construct Admin Building, Eielson AFB	\$10M - \$15M	TBD	TBD	1QFY25	2QFY25
KC-135 Redistribution Add/Alter Fuel Cell Hangar, Eielson AFB	\$10M - \$15M	TBD	TBD	1QFY25	2QFY25
KC-135 Redistribution Construct Permanent Party Dorm, Eielson AFB	\$65M - \$75M	TBD	TBD	1QFY25	2QFY25
KC-135 Redistribution Add/Alter Squad Ops Building, Eielson AFB	\$15M - \$20M	TBD	TBD	1QFY25	2QFY25
KC-135 Redistribution Fuel Issue/Receipt Tank, Eielson AFB	\$7M - \$10M	TBD	TBD	1QFY25	2QFY25
KC-135 Redistribution Construct Vehicle Warm Storage, Eielson AFB	\$7M - \$10M	TBD	TBD	1QFY25	2QFY25
KC-135 Redistribution Construct AGE Warm Storage, Eielson AFB	\$4M - \$7M	TBD	TBD	1QFY25	2QFY25
KC-135 Redistribution Add/Alter Vehicle Maint Facility, Eielson AFB	\$10M - \$15M	TBD	TBD	1QFY25	2QFY25



# SUSTAINMENT, RESTORATION, AND MODERNIZATION FISCAL YEAR 2022



PROJECT / LOCATION	VALUE	EXECUTION STRATEGY	CONTRACT TYPE	SOLICITATION TARGET	AWARD TARGET
Repair CHPP Turbine Generator, Eielson AFB	\$25M - \$30M	D/B/B	Unrestricted	1QFY22	1QFY22
Long-Term Pier Repair, Eareckson AS	\$120M - \$130M	D/B	Unrestricted	1QFY22	3QFY22
Multi-site MAR Tower Fire Suppression, Various Locations AK	\$18M - \$22M	D/B/B	Unrestricted	2QFY22	3QFY22
Demo Dormitories, Eareckson AS	\$8M - \$11M	D/B	Set Aside	3QFY22	4QFY22
Repair Site Water Storage Tank, Cape Lisburne	\$15M - \$20M	D/B/B	Set Aside	3QFY22	4QFY22
Repair Multi Site Building Fire Suppression, Cape Lisburne	\$1.0M - \$1.4M	D/B/B	Set Aside	3QFY22	4QFY22
Repair Superheater and Economizer, Eielson AFB	\$10M - \$12M	D/B	Set Aside	3QFY22	4QFY22
Repair Arctic Utilidor Ph D-2, Eielson AFB	\$15M - \$18M	D/B	Set Aside	3QFY22	4QFY22
Building 658 HVAC, Elec, FP Upgrades, Fort Greely	\$3M - \$8M	DB	SRM IDIQ	3QFY22	4QFY22



# HORIZONTAL CONSTRUCTION EMERGING OPPORTUNITIES



## Runway Expansion, JBER, AK

- Extend the North/South Runway 2,000 feet and add supporting taxiways, provide shoulders, grading, drainage, arm/disarm pad, lighting vault, airfield lighting, and instrument landing system.

## Alaska Coastal Erosion, Barrow, AK

- Construction of a five-mile-long revetment and floodwall protecting Barrow and Browerville.

## Kenai Bluffs Bank Stabilization, Kenai, AK

- A 5,000-foot armored toe along the base of the bluff to prevent damage from storms and high-water events.

## Craig Harbor, Craig, AK

- Constructing a 1,900-foot breakwater to protect a 10-acre moorage basin. No dredging needed for the project.

## Port of Nome Modification, Nome, AK

- Extend the existing west causeway by about 3,500 feet, replace the east breakwater with a new 3,900-foot causeway/breakwater combination. Dredging will include deepening the existing outer basin to -27ft MLLW and the new deep-water basin to -40ft MLLW.

## Lowell Creek Flood Diversion Project, Seward, AK

- Construct an additional 18' diameter 2,300 LF tunnel with a revised outfall, new diversion dam with upgrades to the existing dam and tunnel.



# CIVIL WORKS POTENTIAL OPPORTUNITIES FISCAL YEAR 2022-23



PROJECT / LOCATION	VALUE	EXECUTION STRATEGY	CONTRACT TYPE	SOLICITATION TARGET	AWARD TARGET
Craig Harbor	\$30-\$35M	D/B/B	Unrestricted	2QFY22	4QFY22
Petersburg Navigation Improvements	\$5-\$10M	D/B/B	Set Aside	2QFY22	4QFY22
Barrow Storm Damage Reduction Phase 1	\$40-\$50M	D/B/B	Unrestricted	2QFY22	4QFY22
Kenai Bluffs Erosion Protection	\$20-\$25M	D/B/B	Unrestricted	3QFY23	4QFY23
Nome Harbor Modification Phase 1	\$150-200	D/B/B	Unrestricted	2QFY23	4QFY23

- All projects dependent upon future Federal and Non-Federal funding appropriations.
- Rock sources key to success. One million tons needed for Barrow, two million for Nome.
- Potential Infrastructure bill has funding for all planning, design, and construction.
- Outyear projects include Elim Harbor, Lowell Creek Diversion, Dutch Harbor.





# FORT GREELY SM-1A DEACTIVATED NUCLEAR POWER PLANT PROGRAM



Two Phases: Utility Separation and SM-1A Reactor Decommissioning

## Utility Separation:

- Awarded and work commenced.

## Reactor Decommissioning and Disposal (D&D) Major Steps:

- Overall Planning – Contract Awarded
- Acquisition Planning – ongoing through Q1 FY22
- Request for Proposal – anticipated December 2021
- Award Decommissioning Contract – September 2022 (exercise options in 2023 and 2024)
- Decommissioning anticipated to take six years to implement

## Capabilities and Expertise Needed:

- Knowledge of local working conditions and regulations
- Radiological and Health and Safety
- Decommissioning and Demolition
- Regulatory and Waste Transportation and Disposal
- Strong Project Management



# ENVIRONMENTAL OPPORTUNITIES FISCAL YEAR 2022-23



PROGRAM / PROJECT	VALUE	CONTRACT TYPES	SOLICITATION TARGET	AWARD TARGET
Army and Air Force Environmental Program	\$10M	Various	2Q and 3Q FY22	3Q and 4Q FY22
Formerly Used Defense Sites Program	\$6M	Various	1Q and 2Q FY22	3Q FY22
Environmental Remediation Services (ERS) MATOC	\$100M	Unrestricted	1Q FY22	3Q FY22
Hazardous/Toxic/Radioactive Waste (HTRW) Architect-Engineering (A/E) Services MATOC	\$48M*	Small Business	2Q FY22	4Q FY22
Hazardous/Toxic/Radioactive Waste (HTRW) Architect-Engineering (A/E) Services MATOC	\$72M*	Unrestricted	2Q FY22	4Q FY22
Army and Air Force Environmental Program	\$15M	Various	2Q and 3Q FY23	3Q and 4Q FY23
Formerly Used Defense Sites Program	\$15M	Various	1Q and 2Q FY23	3QFY23
Environmental Support Services (MATOC)	\$48M	Small Business	1Q FY23	3Q FY23

\*May increase to \$250M total for 7 years





# BEST PRACTICES CONSTRUCTION



- **Partnering** – Improved communications and issue resolution. Open honest communications. Engage even if not part of formal contract requirements. Start early and include all levels of the project team.
- **Joint Risk Register** – Expect it to become standard contract requirement. Intent is to have entire project team (including Contractor) identifying and managing risks. This enhances the partnering effort and will provide benefits to both the Contractor and Government.
- **Change Management** – Aim for resolution of changes in 30 days for typical small actions. Communication of priorities.
- **Issue Resolution** – Claims only get worse with time. Elevate claims/disputes in the organization for prompt decisions. We may disagree, but that is OK. Everyone knows where they stand.
- **Design Quality** – Better designs prevent issues in the field. Allows focus on construction and not fixing the design.
- **Promote Safety** – Manage safety and health requirements and risk.



# BEST PRACTICES CONTRACTING



## **Participate in Market Research and Outreach Events**

- Track SAM.gov (<https://sam.gov/>) and respond to sources sought notices – for AK District USACE announcements use keyword “W911KB”
- The Alaska District supports both Industry and Government outreach events, such as AGC, SBA, PTAC and SAME

## **If you’ve never worked with the Alaska District before, consider –**

- Subcontracting
- Partnership (JV, Mentor Protégé)

## **Ask questions during solicitation process and attend site visits**

- **NEW:** Factors: Combined Exp/PP, MATOC: Longer contracts
- Provide what is asked for, we grade the paper

**Communicate freely and try to resolve issues at the lowest level at the time of their occurrence**

**Read and understand your contract**

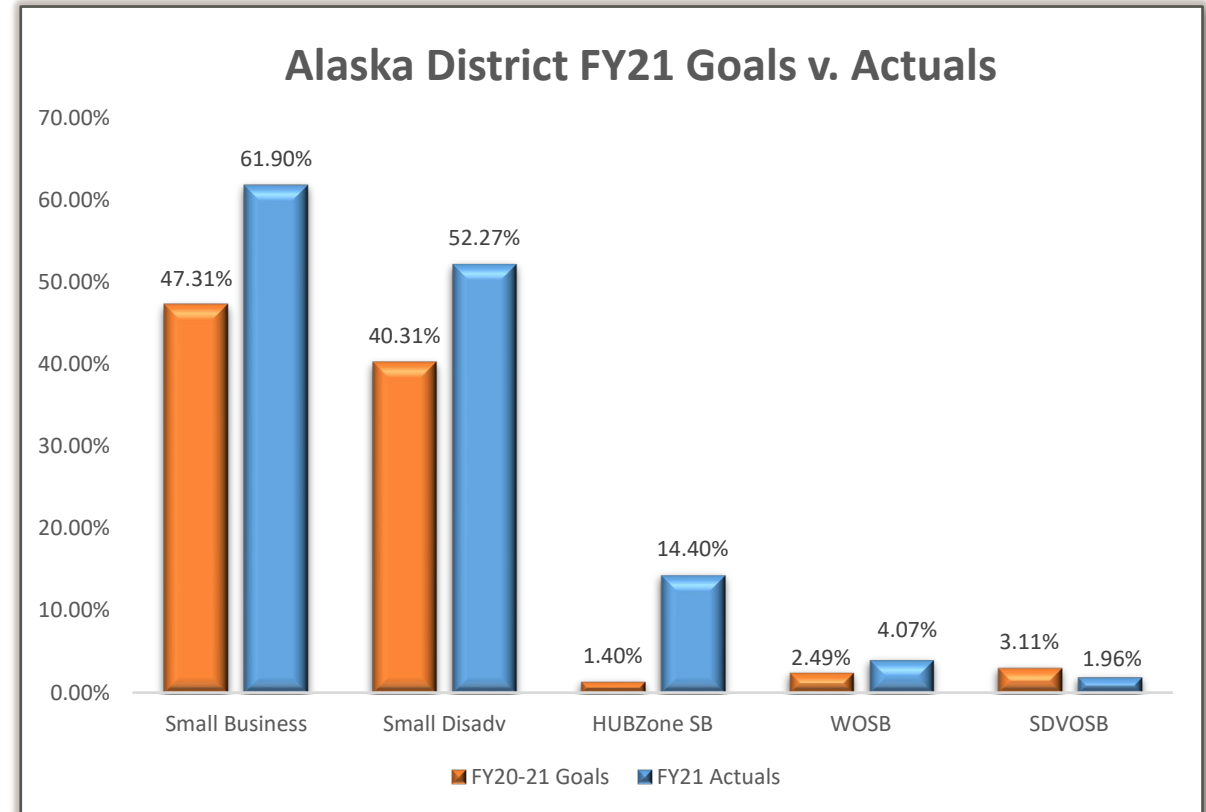
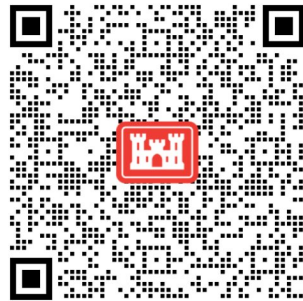


# BEST PRACTICES SMALL BUSINESS EXECUTION



## ○ What's New?

- Upcoming Pre-Proposal Conference (EAR063)
- NEW Electronic proposal submission via PIEE Solicitation Module website  
<https://piee.eb.mil/sol/xhtml/unauth/index.xhtml>
- Subcontracting opportunities
- Procurement Forecast & Calendar, Resources and more at the Alaska District OSBP site:



**Total SB \$ in FY21: \$232.41M**



# BEST PRACTICES SAFETY & OCC. HEALTH (SOH)



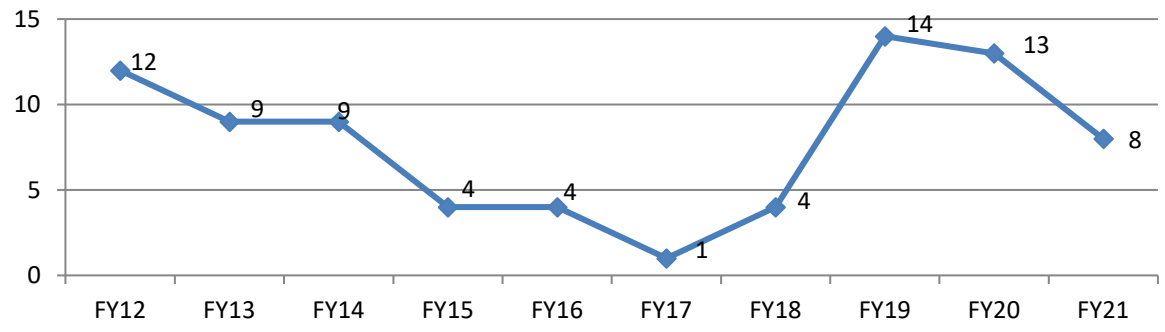
- ❖ **Use the EM385-1-1. Start by reading the:**
  - 1) Introduction letter
  - 2) Section 1: Program Management
  - 3) Accident Prevention Plan (APP) – Work the Plan
- ❖ **Have and support a qualified and active SSHO**
  - 1) 5 years of SOH experience
  - 2) OSHA 30 hr. card
  - 3) 8 hrs. of continuous SOH training per year
  - 4) Regularly walks the job site and corrects hazards

- ❖ **Incentivize workers to report hazards**
  - 1) Prevents having to report an accident
  - 2) Encourage use of the buddy system
- ❖ **Prepare and share your own Best Practices that we can share with others.**
- ❖ **Prepare and share your own Lessons Learned that we can share with others.**
- ❖ **FY21 Trends: Falls (ladders), Lacerations (hands+)**
- ❖ **EM385-1-1 Updates**

## Contractor Historical Data

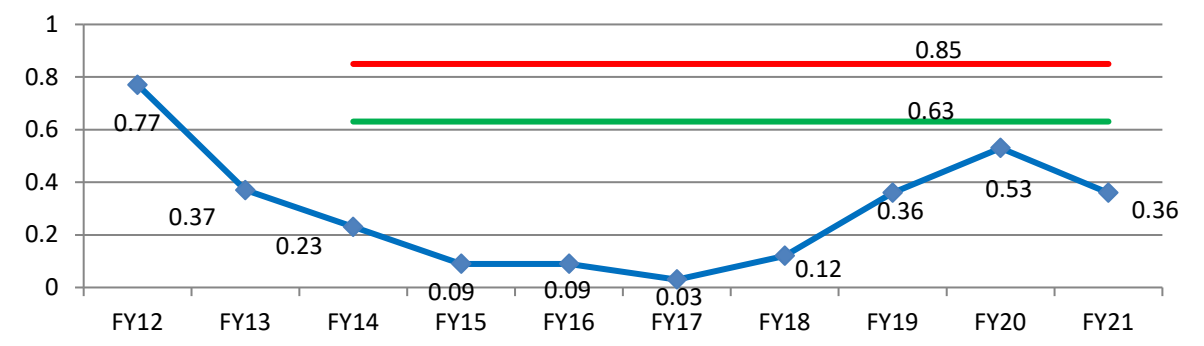
DART Cases

(Cases resulting in Days Away, or Restricted or Transferred duty)



DART Rate

(Cases Normalized with Work Hours)





# EM 385-1-1: USACE SAFETY MANUAL

## 80<sup>TH</sup> ANNIVERSARY EDITION

### UPDATE



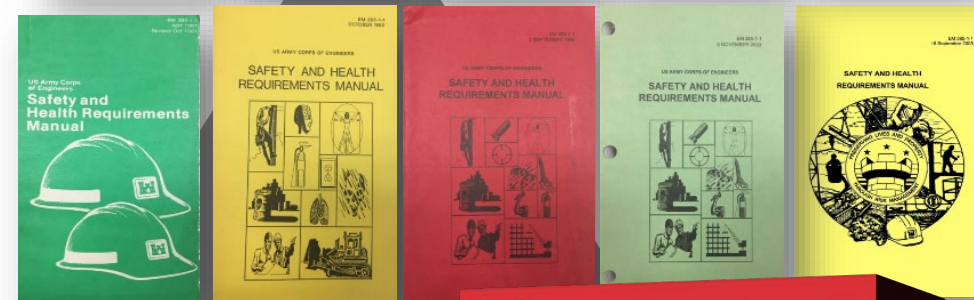
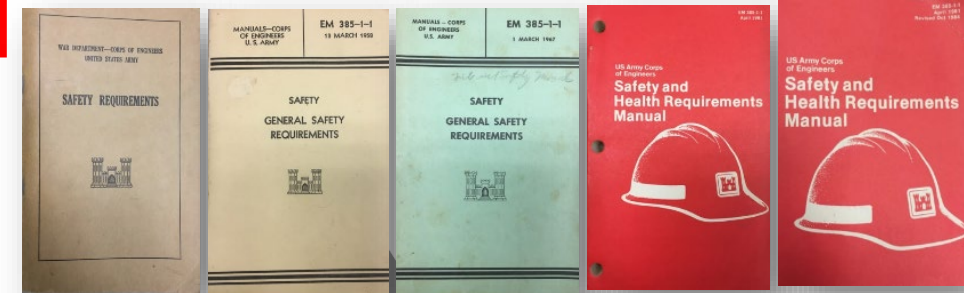
▶ **September 2019:** USACE started the revisions process

▶ Public Comment Periods

- 60 days (January 6 – February 29, 2020)
- 60 days (**FY22 QTR 2**)

▶ Anticipated completion is **FY22 (3<sup>rd</sup> QTR)**

▶ USACE-wide collaboration







# REVISION PROCESS CHANGES



User Friendly, Manageable Size,  
Standardized Format

Defensible Rational for all Changes,  
Additions & Deletions

Structured approach provides  
transparency, traceable & continuity

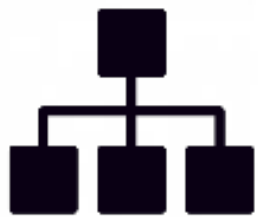
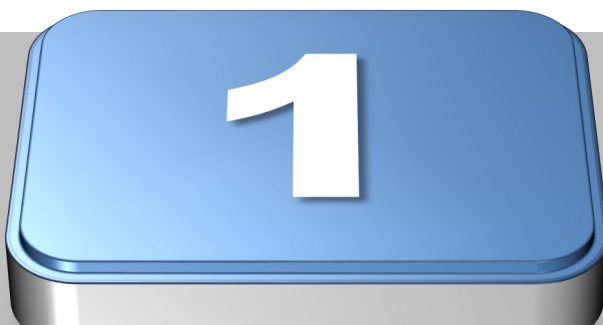
**Ch. 1: Program Management**

1. References
2. Definitions
3. Personnel Required Training/ Qualification
4. Roles & Responsibilities
5. Inspection Requirements
6. AHA Requirements
7. Plan Requirements
8. General Requirements

**STANDARDIZED**

1. USACE Mishap Data
  - ▶ BOI Recommendations
  - ▶ Trends
2. USACE Variances, Waiver or Clarifications
3. Industry Best Practice
4. New OSHA Standard
5. Other OSHA data
  - ▶ Citations,
  - ▶ Letters of interpretation
  - ▶ Variances or clarifications
  - ▶ Mishap data/trends

1. Multi-Layer reviews
2. Accepted at appropriate level
3. Provides an account of reviews, input & rational
4. Documentation provides knowledge transfer

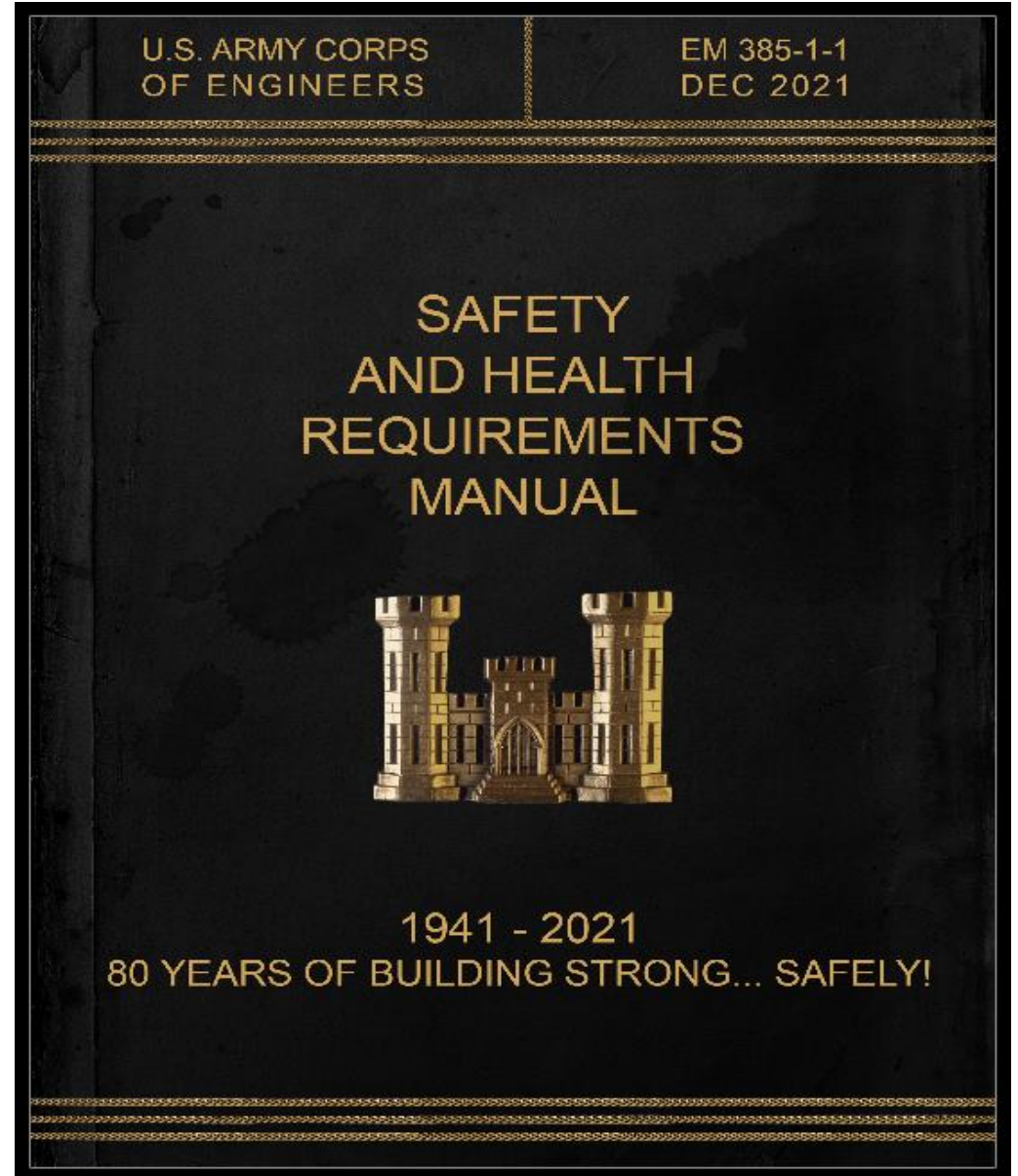





# EM 385-1-1 (80TH ANNIVERSARY)



**USACE Safety Manual  
(EM 385-1-1) is the  
“GOLD STANDARD”  
for Safety and  
Occupational Health  
regulations!**







# EM 385-1-1 UPDATES



**MERGER  
CHAPTER 14 & 17**

**SEPERATION FROM CH 21  
ROPE ACCESS**

**NEW CHAPTER  
EMERGENCY OPERATIONS**

**NEW CHAPTER  
UNMANNED VEHICLE**

**CONFINED SPACE**

**DIVE OPERATIONS**

**ELECTRICAL  
CHAPTER 11 & 12**

**LOAD HANDLING  
EQUIPMENT**

**SSHO UPDATES  
LEVELS 1, 2, & 3**



# COVID VACCINATION REQUIREMENTS



- **New Contract Language (Amendment/Modification) –**
  - DFARS 252.232-7999, Ensuring Adequate COVID-19 Safety Protocols for Fed Contracts
  - New Contracts: Include in all new contracts over the SAT - amending solicitations
  - Existing Contracts: All extensions or renewals issued on or after 15 October 2021, on actions that exceed the SAT, will include the clause (bilateral preferred)
  - Limited to actions that add work or POP to a contract. Does NOT include:
    - Construction mods that add time for excusable delays under Default Clause
    - Other in-scope mods that don't not add work (Differing Site Condition)
    - Mandatory changes that are required to complete the scope that may extend POP
  - Mods with extensions on Non-Severable service contracts (A-E) will require inclusion of clause



# ALASKA DISTRICT DELIVERY IMPROVEMENT



## Purpose:

Improve District delivery methods in order to streamline processes, partner with contractors, increase affordability and maintain schedule surety.

*“Over time our processes, procedures, and contract documents can grow burdens and costs, that if left unchecked, will drive us to irrelevance.”*

– Randy Bowker, 15 Sept 2021

## Initiatives for Immediate Implementation:

- Reduce USG submittal review times: 30d ⇨ 20d ⇨ 15d
- Allow SSHO/Superintendent to be dual-hatted, by project determination, and may cover multiple projects on the same installation
- Focused review of specifications: reduce GA, increase FIO
- Review of QC Matrix in 01 45 04 to optimize and provide scalability for field staff
- More focus on formal/informal partnering
- Industry outreach for fire protection and cybersecurity requirements

The screenshot shows the 'Alaska District Stakeholder Questionnaire' form. At the top left are the logos for the Alaska District and the US Army Corps of Engineers. The title 'Alaska District Stakeholder Questionnaire' is on the right, with the date 'Oct 2021' below it. The header includes 'U.S. ARMY CORPS OF ENGINEERS' and the slogan 'BUILDING STRONG'. The main text explains that the Alaska District is seeking stakeholder input to advance and streamline the standard by which USACE and the industry operate. It asks for recommendations from contractors, Architect-Engineer firms, and project sponsors. The form includes sections for 'Firm Name (Optional)', 'Recommendation' (with a list: a. Planning, b. Design, c. Acquisition, d. Construction, e. Other), and five numbered questions: 1. What is the issue?, 2. How is it being done now?, 3. Recommendation to make it better., 4. How will it make a difference?, and 5. How will it make a difference?. There is also a section for 'POC (Optional): Name, Email, Phone number' and 'Additional Comments'.



# CONTACTS

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- Civil Works Program
- Environmental Program
- Interagency Program
- International Program

### Small Business Office

— Small Business Professional – Kathy Kinnett

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