

Coast Guard Civil Engineering Program Overview & Business Opportunities

Presented to:
SAME Seattle Post – May 2023 Luncheon

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Mission Support



United States Coast Guard

Overview

- 1 of 6 U.S. Armed Forces
- Department of Homeland Security
- 11 Missions:
 - Ports, Waterways, and Coastal Security
 - Drug Interdiction
 - Migrant Interdiction
 - Defense Readiness
 - Other Law Enforcement
 - Marine Safety
 - Search & Rescue
 - Aids to Navigation
 - Living Marine Resources
 - Marine Environmental Protection
 - Ice Operations

“A few armed vessels, judiciously stationed at the entrance of our ports, might at a small expense be made useful sentinels of the laws.”

- Alexander Hamilton



Workforce and Operational Assets



Total Active Duty
40,992



U.S. Coast Guard Cutters¹ – 243 Total

TYPE	QUANTITY	TYPE	QUANTITY
Icebreakers – Polar ² /Great Lakes	3/1	Buoy Tenders – Seagoing/Coastal	16/14
National Security Cutters	5	Buoy Tenders – Inland, River	22
High Endurance Cutters	5	Construction Tenders	13
Fast Response Cutters	17	Icebreaking Tugs	9
Medium Endurance Cutters	28	Harbor Tugs	11
Patrol Boats	98	Training Cutter	1

1: Any U.S. Coast Guard vessel 95-feet or larger in length
2: 1 of 3 Inactive

Total Reserve
7,000
Part-Time Workforce



Total Civilian
8,577



U.S. Coast Guard Aircraft – 201 Total

TYPE	QUANTITY	TYPE	QUANTITY
MH-65D (Helicopter)	102	HC-144 (Airplane)	18
MH-60T (Helicopter)	44	HC-27J (Airplane)	8
HC-130H (Airplane)	18	C-37A (Airplane)	2
HC-130J (Airplane)	9		

Total Auxiliary
31,000
All-Volunteer Workforce



U.S. Coast Guard Boats³ – 1,650 Total

TYPE	QUANTITY	TYPE	QUANTITY
Response Boat Small	372	Aids to Navigation Boats	152
Response Boat Medium	174	Cutter Boats	421
Motor Life Boats	117	All other boat types	414

3: Any U.S. Coast Guard vessel less than 65-feet in length



Total Workforce
87,569



Shore Infrastructure Portfolio Highlights

- 2/3 of DHS shore infrastructure portfolio
- 39,686 Total Assets
 - 19,593 Buildings and Structures
 - 20,093 Aids to Navigation
 - 3,000+ Sites
 - 74,000+ Acres
- Average Building Age = 45 years
- \$24 BIL Plant Replacement Value



Industrial Facilities & Bases



Sectors & Stations



Housing & Barracks



Training Centers



Air Stations



Waterways

USCG Civil Engineering Organization

Shore Infrastructure Logistics Center Technical Authority

COCO for Construction – Vacant (Mark Snell-Acting)
DCOCO for Construction - Mark Snell (Seattle)

FDCC New Construction

Norfolk	Seattle
SFCO – Malita Smith	SFCO - Gabe Perez

Civil Engineering Units Maintenance and Repair

Districts	CEU
1	Providence, RI Sean Waldron (SFCO)
5, 9	Cleveland, OH Jim Dinda (SFCO)
7, 8	Miami, FL Lesia Moyer (SFCO)
11, 13	Oakland, CA Travis Cohen (SFCO)
17	Juneau, AK Cheryl Berry
14	Honolulu, HI (Oakland Contract Support)



- ~\$200MIL Annual Budget
- Project Range: \$5K - \$3MIL
- RMACCs Set Up in Each District/CEU

▪ Who we are:

The Facilities Design and Construction Center (FDCC) is the only U.S. Coast Guard command dedicated to executing new shore facilities construction and major recapitalization projects.

▪ What we do:

We deliver the Coast Guard's capital facility requirements through the execution of the major appropriations for shore infrastructure.

Current Portfolio Snapshot

\$2.67 BIL

- Major**: \$360 MIL
- Housing: \$91.6 MIL
- MASI: \$642 MIL
- Hurricane: \$1,371 MIL

***Includes FY22 Bi-Partisan Infrastructure Bill*

Responsible for all phases of project execution:

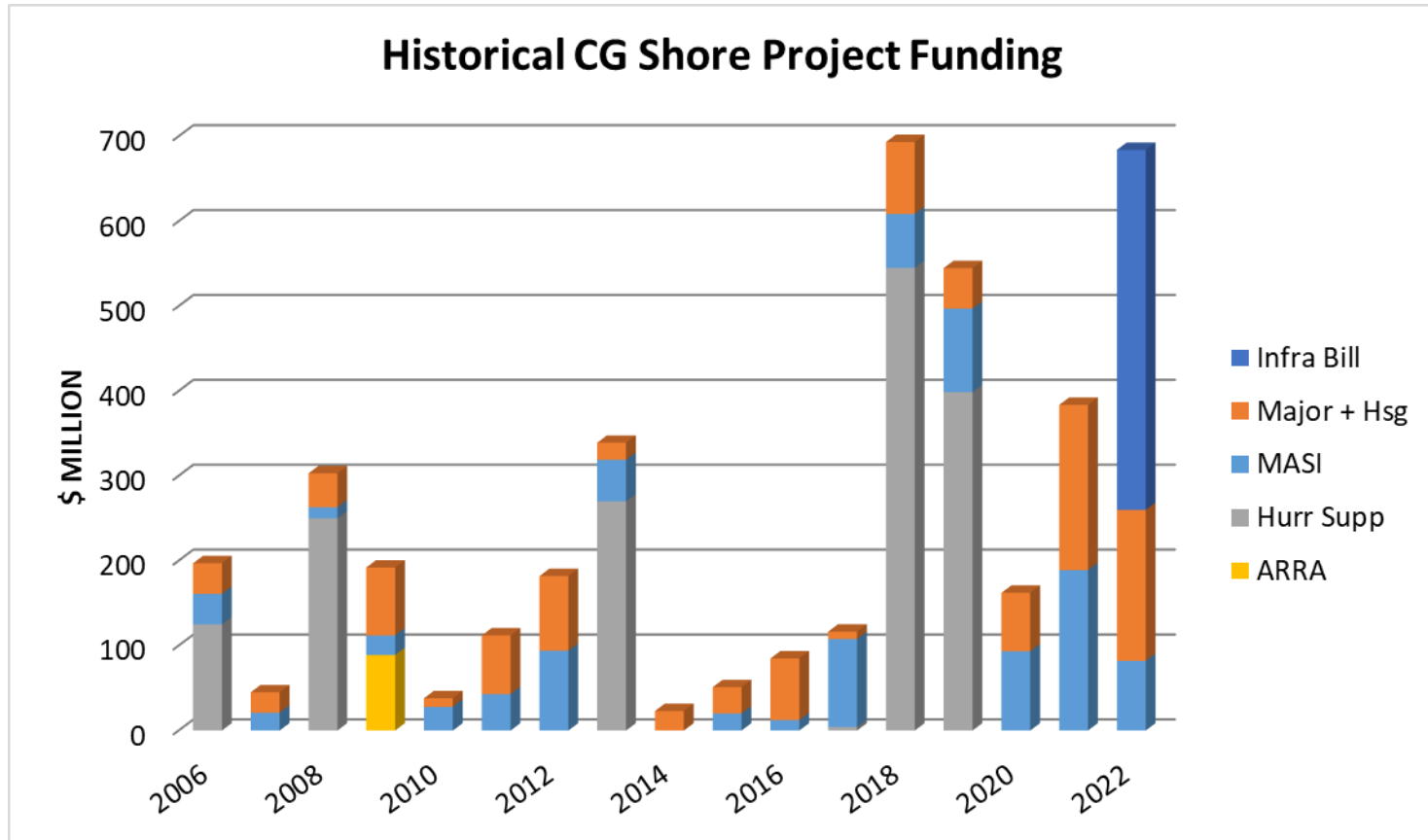
- Planning,
- Environmental Consultation,
- Design,
- Procurement,
- Construction,
- Commissioning

FDCC Overview

- Organization
 - ~70 personnel between Norfolk & Seattle
 - CEU (depot level maintenance) vs. FDCC (new construction)
 - CG = ~2/3 of DHS Shore Infrastructure Portfolio
- Portfolio
 - 64 Active Projects, \$2.67 Billion
 - Types of Funding: Major, MASI, Hurricane Supplemental, Housing, Infrastructure
 - Specific Appropriations
- Project lifecycle: PP → PPR → RFP → Design → Construct



Historical CG Shore PC&I* Funding Levels



*Equivalent to DOD MILCON; figures are approximate

FDCC Project Execution Approach

- Predominantly Design-Build Approach
- Projects value typically range between \$5MIL to \$100MIL
- National Multiple Award Construction Contract (NMACC)
 - United States, Puerto Rico, and Territories
 - Task Order Limits \$4M - \$100M
 - Task Orders Not Posted on SAM.GOV
- NMACC III
 - \$4B Aggregate Total
 - No task order limit
 - 3 pools (Large business, small business West Coast and East Coast)



- Other IDIQs
 - Architectural/Engineering Services
 - Environmental Services

Procurement Approach

- Down Select Strategy & Process
- Best Value Trade Off
- Price Only for “Vanilla Projects”
- Written Proposal, Oral Presentations



Recent/Active FDCC Projects #1



- Small Boat Station Vallejo, CA
- Budget \$14.7M
- Replaced Modular Buildings that were placed in 1990s

Recent/Active FDCC Projects #2

- FRC Homeport Guam
- Waterfront Utilities and Fender Upgrades
- 10,000 sqft Cutter Maintenance Support Facility



Recent/Active FDCC Projects #3



- Base Kodiak Housing
- \$97MIL Budget
- 50 Housing Units



Recent/Active FDCC Projects #4



- Construct AIRSTA Ventura
- \$57.7MIL Budget
- Relocation of AIRSTA Los Angeles from LAX



Recent/Active FDCC Projects #5

- 3rd FRC Homeport Ketchikan AK
- \$7MIL Budget
- Third Floating dock and utilities for Fast Response Cutter





[Acquisition Planning Forecast System:
https://apfs-cloud.dhs.gov](https://apfs-cloud.dhs.gov)

FDCC Project Outlook

On average, projects budgets range between \$5MIL to \$100MIL

- Buffalo, NY FY23 STA/ANT Facilities
- Cleveland, OH FY23 Waterfront Facilities
- Fort Wadsworth, NY FY23 Family Housing
- Seattle, WA FY24 Waterfront Facilities
- Siuslaw, OR FY24 Covered Boat Mooring
- Barbers Point, HI FY24 C130J Hangar
- Newport, RI FY24 OPC Homeport
- New London, CT FY24 Chase Hall Mid-Life Renovations
- Honolulu, HI FY24 Buoy Tender Waterfront Facilities
- Sitka, AK FY24 Waterfront Facilities/Cutter Homeport

Points of Contact for FDCC

New Facilities or Major Recapitalization Projects:
Procurement, Construction and Improvement (PC&I) funds

Gabriel Perez

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Mark Snell

Acting Chief of Contracting Office
USCG Shore Infrastructure Logistics Center - Construction
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Points of Contact for Civil Engineering Units

Depot Level Maintenance and Repair:

- CEU Miami, FL:** Lesia Moyer, 305-278-6725
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- CEU Cleveland, OH:** James Dinda, 216-902-6223
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- CEU Providence, RI:** Sean Waldron, 401-736-1721
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- CEU Oakland, CA:** Travis Cohen, 510-637-5587
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- CEU Juneau, AK:** Cheryl Berry, 206-220-7420
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Every Coast Guard mission begins and ends at a shore facility