ACEC/MW
Federal Insights
Business Opportunities & Networking Event
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Federal Government Insights

Speakers

Architect of the Capital (AOC)
Peter W. Mueller, PE, PMP - Director, Planning & Project Management

U.S. Army Corps of Engineers (USACE Baltimore District)
Emily D. Schiffmacher, PE - Deputy Chief, Engineering Division

Naval Facilities Engineering Command (NAVFAC Washington)
Brandon Tobias, AIA, LEED AP - Quality, Community & Acquisition Readiness Director (QCARD)
Thank you to our Sponsors!
Federal Government Insights

Speakers

Architect of the Capital (AOC)
Peter W. Mueller, PE, PMP - Director, Planning & Project Management
AOC employees work every day to *serve* Congress and the Supreme Court, *preserve* America’s Capitol, and *inspire* memorable experiences for all who visit the buildings and grounds.
What We Do

The AOC traces its beginnings to the laying of the Capitol cornerstone in 1793.

Our work is rooted in a tradition of unique craftsmanship and ingenuity.

2,100+ employees work behind the scenes to oversee the infrastructure and facilities of the Capitol campus and support congressional operations.
Capitol Campus

U.S. Capitol Map

1. Russell Senate Office Building
2. Dirksen Senate Office Building
3. Hart Senate Office Building
4. U.S. Supreme Court
8. Cannon House Office Building
9. Longworth House Office Building
10. Rayburn House Office Building
11. Ford House Office Building
12. U.S. Botanic Garden
13. Capitol Visitor Center
AOC Organization
J. Brett Blanton

- 12th Architect of the Capitol
- Sworn in January 16, 2020
- Previously served as the Deputy Vice President for Engineering at the Metropolitan Washington Airports Authority
- Graduate of the United States Naval Academy
- Registered Professional Engineer
AOC Appropriations

Annual Appropriations ($ in Millions):

- 2014: $602.0
- 2015: $600.3
- 2016: $612.9
- 2017: $617.9
- 2018: $712.1
- 2019: $733.7
- 2020: $695.9
More than 188 Active Planning/Study/Design/Construction Projects across 9 Jurisdictions

- Capitol Building
- Capitol Grounds and Arboretum
- Capitol Power Plant
- House Office Buildings
- Library of Congress
- Office of Security Programs
- Senate Office Buildings
- U.S. Supreme Court
- U.S. Botanic Garden
Program Characteristics

• What we do:
  • Master Planning, Facility Assessments, Project Development
  • Capital Program (Planning, Design, Construction)
• How we do it:
  • Integrated Project Delivery
  • Multiple Award Contracts
  • Phased Projects
  • Risk Management
• Important Factors:
  • Historic Preservation/Stewardship
  • Energy and Sustainability
  • Site Security
  • Minimize Disruptions
Total Design and Study Contracts = 34
Total Value of Design and Study Contracts = $22,718,625

Total Number of Active Projects = 25
Total Value of Active Projects = $560,668,717
Active Project –
Senate Underground Garage Renovations and Landscape Restoration, Senate Office Buildings

Scope
• Restoration of the plazas, fountains, façade and interior spaces
• Waterproofing work and landscaping
• Drilling 24 geothermal wells to heat garage and offices

Delivery Method
• MACC
• Design-Build

Important Factors
• Time constraint for inauguration
• Historic preservation
• Client satisfaction
Active Project –
U.S. Capitol Stone and Metal Preservation

Scope
• Preserve historic features of U.S. Capitol
• Repair, clean and stabilize exterior stone
• Repair and restore metals and lamps

Delivery Method
• Design-Bid-Build
• MACC

Important Factors
• Historic preservation
• Client satisfaction
• Minimized impact to Capitol community
Active Project – Garage Interior Rehabilitation, Rayburn House Office Building, Phase 3

Scope
• Renovate Rayburn Garage - Replace structural slab, upgrade building systems and HAZMAT abatement
• Expansion of security lobby to accommodate U.S. Capitol Police screening stations and one elevator

Delivery Method
• Full and open competition

Important Factors
• Client satisfaction
• Garage security
• Minimal disruption to occupants
AOC and the Federal Acquisition Regulation (FAR)

- The FAR was developed for use by the Executive Branch
- AOC is not subject to the FAR, but generally aligns with the FAR
- E-Verify
- Requirements > $100,000 are advertised and posted on FedBizOpps (FBO)
- Search under “Agencies” for “Architect of the Capitol”
- E-mail aocprocurement@aoc.gov for more information on contracting questions
Industry Days

- The AOC conducts Industry Days for many of its major projects
- Sends out draft RFPs for industry input
Current Contract Types

A/E Indefinite Delivery Indefinite Quantity (through mid-2024)
  • AECOM, Burns & McDonnell, DLR Group of DC, James Posey Associates, Leo A. Daly Company, Quinn Evans Architects, Michael Graves and Associates and Whitman, Requardt and Associates

E/A Indefinite Delivery Indefinite Quantity (through mid-2024)
  • RMF Engineering, Affiliated Engineers, Wiley Wilson | Burns & McDonnell

Facility Conditions Assessment (through mid-2024)
  • Faithful + Gould
Current Contract Types (continued)

Multiple Award Construction Contract (MACC) and Job Order Contract (JOC)
(Solicitation Released May 1, 2020; Pre-Proposal Conference May 13, 2020; Proposals due June 4, 2020.)
- The Christman Company, Consigli, HITT Construction, Kiewit, Turner Construction

Construction Management (through mid-2021)
- Jacobs Project Management Company, Parsons, Procon Consulting
## FY 2019 Design

<table>
<thead>
<tr>
<th>Project Name</th>
<th>FY 2020 Enacted</th>
<th>Phase</th>
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</thead>
<tbody>
<tr>
<td>Exterior Envelope Rehabilitation, Dirksen Senate Office Building</td>
<td>$1,000,000-$5,000,000</td>
<td>Design</td>
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<tr>
<td>Prescriptive Egress Improvements, Hart Senate Office Building</td>
<td>$1,000,000-$5,000,000</td>
<td>Design</td>
</tr>
<tr>
<td>Switchgear A &amp; Final Chiller Replacement, RPR, Phase VIII, Capitol Power Plant</td>
<td>$1,000,000-$5,000,000</td>
<td>Design</td>
</tr>
<tr>
<td>Offsite Delivery Screening Center, OSP</td>
<td>$1,000,000-$5,000,000</td>
<td>Design</td>
</tr>
<tr>
<td>Perimeter Security Fence Modification, OSP</td>
<td>$1,000,000-$5,000,000</td>
<td>Design</td>
</tr>
<tr>
<td>Security Barriers and Kiosks Lifecycle and Repairs, Phase IV, OSP</td>
<td>$5,000,000-$10,000,000</td>
<td>Design</td>
</tr>
<tr>
<td>Visitor Vestibules, U.S. Capitol</td>
<td>$1,000,000-$5,000,000</td>
<td>Design</td>
</tr>
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</table>
## FY 2019 Construction

<table>
<thead>
<tr>
<th>Project Name</th>
<th>FY 2020 Enacted</th>
<th>Phase</th>
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</thead>
<tbody>
<tr>
<td>Exterior Stone Preservation, West Front, U.S. Capitol</td>
<td>More than $10,000,00</td>
<td>Construction</td>
</tr>
<tr>
<td>Presidential Inaugural Stands &amp; Support Facilities, U.S. Capitol</td>
<td>$5,000,000-$10,000,000</td>
<td>Construction</td>
</tr>
<tr>
<td>Electrical Power Distribution System replacement - House Side Only, U.S. Capitol</td>
<td>$5,000,000-$10,000,000</td>
<td>Construction</td>
</tr>
<tr>
<td>Electrical Distribution Switchgear Upgrade, Longworth House Office Building</td>
<td>More than $10,000,00</td>
<td>Construction</td>
</tr>
<tr>
<td>HVAC Air Handling Unit (AHU) Modernization, Phase I, Hart Senate Office Building</td>
<td>More than $10,000,00</td>
<td>Construction</td>
</tr>
<tr>
<td>R - Tunnel Improvements, Constitution Ave., Capitol Power Plant</td>
<td>More than $10,000,00</td>
<td>Construction</td>
</tr>
<tr>
<td>Copper Roof &amp; Fall Protection, Phase I, John Adams Library Building</td>
<td>More than $10,000,00</td>
<td>Construction</td>
</tr>
<tr>
<td>Alternate Computer Facility, Roof Replacement, OSP</td>
<td>$5,000,000-$10,000,000</td>
<td>Construction</td>
</tr>
</tbody>
</table>
More Information

www.aoc.gov
www.twitter.com/uscapitol
www.facebook.com/architectofthecapitol
www.instagram.com/uscapitol
www.youtube.com/aocgov
www.flickr.com/photos/uscapitol
www.flipboard.com/@uscapitol
Questions?
Federal Government Insights

Speakers

U.S. Army Corps of Engineers
(USACE Baltimore District)
Emily D. Schiffmacher, PE - Deputy Chief, Engineering Division
Emily D. Schiffmacher, P.E
Deputy Chief, Engineering Division
USACE Baltimore
2 Hopkins Plaza
Baltimore, MD 21201
410.962.4661 (Desk)
443.756.8958 (BB)
emily.n.schiffmacher@usace.army.mil
USACE TIME LAPSE VIDEO
https://vimeo.com/416000846/85aa086ce7
AN OVERVIEW: Baltimore District

Overview
- A full service District serving 6 states in the mid-Atlantic and National Capital regions
- Provides primary support to 11 military installations
- Manages water resources in the Susquehanna and Potomac watersheds and upper Chesapeake Bay
- Provides all drinking water to our Nation’s capital
- Executes regional and national programs for USACE

District Capabilities
- Engineering, Design, and Construction
- Environmental Services
- Dredging Federal Channels
- Dam/Levee Operations & Maintenance
- Disaster Response & Recovery
- Real Estate Services
- Value Engineering
- Hurricane Modeling
- Military Munitions Response
- Radiological Center of Expertise

The Numbers
- 1,000 civilian employees
- $1.7B expenditures per year
- 290 miles of federal channels
- 15 reservoir projects
- 11 recreational projects
- 15 million+ visitor hours per year
- 600 acres of oyster habitat created
- $16B in flood damages prevented to date

Support to the Public
Through FEMA, our job is to provide the District of Columbia with a tailored space that meets their anticipated medical surge needs to augment existing healthcare facilities,” said Col. John Litz, Baltimore District Commander. “Our goal, leveraging our contractor’s expertise, is to get this site operational as quickly as possible while meeting medical standards, so equipment and beds can be placed and health care providers can take over, should the need arise.”
FUTURE TASK ORDER CONTRACT OPPORTUNITIES

Architect/Engineer Task Order Contracts
• $30M MATOC Civil Works A/E Services IDIQ – Q3FY20 (Award)
• $30M Master Planning A/E Services IDIQ – Q4FY20 (Sources Sought)
• Additional Multi-Discipline A/E Services IDIQs - TBD

Washington Aqueduct Opportunities
• 2\textsuperscript{nd} & 3\textsuperscript{rd} High Reservoir Maintenance and Improvements – IFB (Q3FY20)
• McMillan Backwash Discharge to Sewer – IFB (Q3FY20)
• Dalecarlia Backwash Water Tanks Improvement – IFB (Q3FY20)
• Additional SATOCs (Mechanical & Civil) – On Hold

Civil Works Program Opportunities
• Replace Floodwall, Penn Street, Codorus Creek, PA – Q4FY20 (award)
• Conduit Repair or Abandonment, Codorus Creek, PA – Q1FY21 (award)
• 100KCY/Wicomico River Maintenance Dredging – IFB SB set-aside – Early FY21
• 1.5MCY Maintenance Dredging – Baltimore Harbor & Channels, MD – Q4FY20 (award)
FUTURE TASK ORDER CONTRACT OPPORTUNITIES

Installation Support Contracts
- Misc. Projects to be awarded at the following installations in Q4FY20: Indian Head, MD; Pax River, MD; Naval Research Lab, MD; APG, MD; Fort Belvoir, VA; Fort Meade, MD: Carlisle Barracks, PA

Military Contracting Opportunities
- Fort Belvoir:
  - Officer’s Club, Kitchen Renovation – Q4FY20 (advertise/award)
  - DLA Construct Overwatch and Dining Pavers Replacement – Q4FY20 (advertise/award)
- Humphrey’s Engineer Center:
  - Demolish Foundations – Q4FY20 (advertise/award)
- Joint Base Myer-Henderson Hall:
  - Preparing 1391 - Scoping - Building 404 DFAC – Q4FY20 (advertise/award)
  - Modernize / Upgrade Building 48 at Fort McNair – Q4FY20 (advertise/award)
  - Barracks Building 416 Renovation – Q2FY20 – 2 Phase IFB
  - Eisenhower Hall, Fort McNair – Q3FY20 – AE Award
FUTURE TASK ORDER CONTRACT OPPORTUNITIES

Military Contracting Opportunities
• **Fort Meade/Joint Base Andrews-Bolling:**
  • Taxiway Whiskey Phase 3 & 4 - Q4FY20 (advertise/award)
• **Fort Detrick/Aberdeen Proving Ground:**
  • Repair Bldg E3330, Lab & Test, CCDC CBC (APG) - Q4FY20 (advertise/award)

Real Property Services Field Office Opportunities
• ADF-C Recap 3 – Pre-qualifications acquisition – Q4FY20 Pre-qualification notification anticipated to be posted, Q3FY21 award. $100M-$250M acquisition.
• ICC-B SATOC – Start in Q4FY20 - $30-$35M
• Raven Rock Mountain Complex SATOC – Start in Q4FY20 - $49M

East Campus Integrated Program Office
• Records Center Replacement (RCR) & Mercury Flora (MCF), Fort Meade – Stand Alone “C” Contract – FY21
FUTURE TASK ORDER CONTRACT OPPORTUNITIES

Environmental Contracting Opportunities
• Multiple Award Military Munitions Services (MAMMS) – Advertised on 3 APR 2020; proposals due 19 MAY 2020
• Utility Separation, SM-1A Reactor – Q4FY20 (advertise/award)

Other Contracting Opportunities:
• USDA Foreign Disease Weed Science Research Lab, Fort Detrick, MD – Construction Award – FY20/21
• ARS Research Lab/Office, State College, PA – FY21
FUTURE TRENDS

Building Systems Complexity
  - Commissioning
  - Operations and Maintenance
  - Building Automation Systems
  - Cyber security

Security
  - Access Control Points
  - Force Protection Upgrades

Work for Others
  - Interagency
  - DoD
  - Intelligence Community

Management Support
  - Cost / Schedule Risk Analysis
CONTRACTING NEWS

Directors’ Policy Memo: Procedures for the Selection of Task Orders on A-E IDCs
- Shared Capacity
- Minimum of 3 awards
- Refined scopes of work
- Updating SF 330s

Small Business & MILCON
- Update to DFARS 219.502-2
- Construction (incl Maintenance & Repairs) under $2.5M
- Dredging under $1.5M
- A/E Services for MILCON or family housing projects under $1M
- If market research demonstrates that we have two or more SBs capable of performing AE services in support of military construction or family housing projects, then we should be setting it aside for SB.
FY2019 Baltimore District Expenditures ($Millions)

- Military Construction (MILCON): $91
- Military Programs (non-leases): $143
- Military Programs (Leases): $110
- Other Secure Programs: $31
- Civil Works: $50
- Environmental: $397
- IIS & Support to Districts: $406
- Washington Aqueduct: $503

Workload - $1.7B Annually
FOR MORE INFORMATION

Our District Website:
http://www.nab.usace.army.mil

Current Contracting Opportunities and recently awarded contracts:
www.fbo.gov

NAB FY20 Forecast of Contracting Opportunities (FCO):
Federal Government Insights

Speakers

Naval Facilities Engineering Command (NAVFAC Washington)
Brandon Tobias, AIA, LEED AP - Quality, Community & Acquisition Readiness Director (QCARD)
NAVFAC Washington
Overview

Brandon Tobias  AIA LEED AP BD+C
Quality, Community & Acquisition Readiness Director (QCARD)
NAVFAC Worldwide
NAVFAC at a Glance

- NAVFAC Headquarters @ Washington Navy Yard
- 14 Component Commands
  - 2 Echelon III Commands (LANT & PAC)
  - 9 Echelon IV Commands
    - Facility Engineering Commands
    - E.g. FEC WASH
- Naval Facilities Engineering and Expeditionary Warfare Center (EXWC) @ Port Hueneme, CA
- Navy Crane Center (NCC) @ Portsmouth, VA

Strategic Design 2.0 // RADM Korka
Enable Warfighter Lethality // Capacity, Capability
Maximize Naval Shore Readiness // Products, Services, Infrastructure
Strengthen SYSCOM Team // Integrity, Workforce, Agility
Supported Commanders and Major Projects/Initiatives

- **$800M PROGRAM TO IMPROVE THE WRNMMC BETHESDA**
- **SECDEF & CJCS RESIDENCES**
- **VICE PRESIDENT’S RESIDENCE/MASTER TIME CLOCKS**
- **MULTI-MILLION DOLLAR INFRASTRUCTURE RE-CAP PROGRAMS (OCS, TBS, ESG, MCU)**
- **CNO’S 2035 INITIATIVE TO IMPROVE NAVY-WIDE BASE INFRASTRUCTURE**
- **$120 MILLION ACADEMIC FACILITY PROJECT**
- **$300 MILLION HANGAR PROJECT**
- **MULTI-MILLION DOLLAR PROJECTS SUPPORTING NEW AIRCRAFT**
- **$35 MILLION AGILE CHEMICAL FACILITY**
- **AEGIS AND TRIDENT SUPPORT FACILITIES**
NAVFAC Washington Design Contracts

• Consolidated MEP IDIQ (SB): 5-yr, $30M; Expired DEC 2019
  – New 5-yr, $30M MEP planned for award in MAY 2020

• Gen/Admin Facilities (LB): 5-yr, $75M; Expires JUL 2020
  – New 5-yr, $75M Gen/Admin planned for award in JUNE 2020

• Civil/Structural (SB): 5-yr, $30M; Expires NOV 2020
  – New 5-yr, $30M Civil/Structural planned for award in NOV 2020

• Industrial Facilities (LB): 5-yr, $75M; Expires DEC 2021

• General Purpose Facilities (SB): 5-yr, $30M; Expires DEC 2022
NavFAC Washington Design Contracts

Upcoming Design Contracts Procurement Detail:

Industrial/Research Facilities – AE IDIQ - Reprocurement

• $75M – Term Total
• Base Year, plus 4 option years
• All phases of Capital Improvements delivery process
• Includes non-industrial/ research type facilities
• Estimated Solicitation: Q3 FY20

Cost Engineering Support – AE IDIQ – Potentially? More on this later…

• $30M – Term Total (estimated)
• Base Year, plus 4 option years
• Cost Engineering/Estimating, Cost Schedule Risk Analysis
• Estimated Solicitation: Q1 FY21
NAVFAC Washington Regional Construction Contracts

- **8(a) MACC**
  - 8(a) General Construction MACC ($99M) - Awarded JUN 2018
  - 8(a) Mechanical MACC ($99M) - Awarded DEC 2018
    - Both Base Plus Four Option Years, $100K - $4M Range Per Task Order (DB + DBB)
  - HUBZONE MACC ($99M) – RFP issued DEC 2019; Awarded 19 May 2020
  - 8(a) MACC ($750M) – Planned Award Q4 2021

- **Small Business MACC**
  - SBMACC Gold ($240M) - Awarded MAY 2019
    - Base Plus Four Option Years; $2M - $15M Range Per Task Order (DB + DBB)
  - SBMACC Blue ($240M) – Planned Award SEP 2020

- **Paving IDQ - SDVOSB**
  - Awarded APR 2017; $50M Base Plus Four Option Years

- **Roofing MACC**
  - Awarded APR 2018; $99M Base Plus Four Option Years
## NAVFAC Washington MILCON Program – Ongoing Projects

<table>
<thead>
<tr>
<th>P No.</th>
<th>Project Name</th>
<th>Activity</th>
<th>~$M</th>
<th>DB / DBB</th>
<th>Construction Award Goal</th>
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<tr>
<td>719</td>
<td>Wargaming Center</td>
<td>Quantico</td>
<td>140</td>
<td>AE DBB</td>
<td>Nov 2020</td>
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<tr>
<td>232/3/4</td>
<td>Potable Water System</td>
<td>Indian Head</td>
<td>35</td>
<td>AE DBB</td>
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<tr>
<td>970</td>
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<td>Pax River</td>
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<td>IH DB</td>
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<tr>
<td>152</td>
<td>Air Traffic Control Tower WOLF</td>
<td>Pax River</td>
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<td>AE DBB</td>
<td>Jun 2021</td>
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<td>3009</td>
<td>Military Working Dog Kennel</td>
<td>Andrews</td>
<td>10</td>
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<td>P8149</td>
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<td>AE DBB</td>
<td>Apr 2021</td>
</tr>
</tbody>
</table>
**NAVFAC // The Not Too Distant Future**

- **Smaller MILCON Program**
  - Only projecting three FY23 MILCON

- **More in-house Design**
  - Strategically, NAVFAC HQ is driving for more in-house design execution
    - Target 30% IHDBB by FY25
    - Target 40% IHDBB by FY30
  - Measured by value of construction contracts, not volume or projects

**BOTH OF THESE FACTORS MEAN REDUCED OPPORTUNITIES FOR STAND-ALONE PROJECTS**

**SO, HOW DO WE PARTNER WITH INDUSTRY TO INCREASE AGILITY**

- **Leverage Existing Regional Contracts**
  - Augmented design teams
  - Specific support (cost, security, cyber, Cx, geotech)

- **Share Lessons Learned**
  - What works with the Regional Contract approach? What doesn’t?
  - Does it make sense to have smaller, more specific regional contracts?
For More Information

Brandon Tobias | AIA, LEED AP BD+C
NAVFAC WASH - QCARD
Robert.tobias@navy.mil
*not a type – I’m a middle name guy

Web: navfac.navy.mil

FB: facebook.com/navfac

IG: @navfacwoldwide

Twitter: @NAVFAC
Individual Speaker Presentations Completed

Panel Discussion Up Next:
AOC, NAFAC, USACE
moderated by Mac with ACEC/MW