



JOINT FEDERAL LUNCHEON PROGRAM

ALTERNATIVE PROJECT DELIVERY

Featuring: NIST & NSA

MAY 26
11:30 AM - 2:00 PM

ARMY & NAVY CLUB
AT FARRAGUT
SQUARE



www.same.org/DCPost

www.dbia-mar.org

Please join us in the
PLEDGE OF ALLEGIANCE

“ I pledge allegiance to the Flag of the United States of America and to the Republic for which it stands, one nation, under God, indivisible, with liberty and justice for all.”

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Philios Angelides, *PE, F.SAME, F.ACEC*
Past President, SAME DC Post
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“Post Service Medal” to
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Mary Anderson, F.SAME
Past President, DBIA-Mid Atlantic
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FEDERAL GOVERNMENT EXPERIENCE



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PLANNING
LANDSCAPE
ARCHITECTURE



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ABOUT CHRISTOPHER

Founded in 1982 we're celebrating 40 years!



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christopher CULTURE



HomeAid Backpack Drive



The christopher Softball Team



Juneteenth Office Lunch



Surveyor's Breakfast



St. Patty's Day



Fishing Trip



Sunflower Growing Contest



International Women's Day



Old Rag Mountain Hike



Top Golf Event



Cornhole Tournament



SERVICES WE PROVIDE



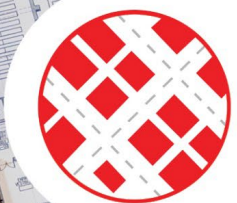
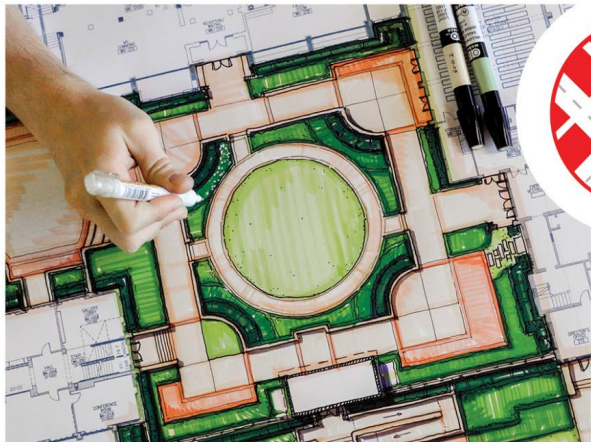
**CIVIL
ENGINEERING**



**LANDSCAPE
ARCHITECTURE**



SURVEYING



PLANNING



LICENSED PROFESSIONALS TO SUPPORT OUR TEAM

PROFESSIONAL ENGINEERS (PE)



VIRGINIA



MARYLAND



WEST VIRGINIA



DC



PENNSYLVANIA

PROFESSIONAL LANDSCAPE ARCHITECTS (PLA)



VIRGINIA



MARYLAND



FLORIDA



DC



PENNSYLVANIA

LICENSED SURVEYORS (LS)



VIRGINIA



MARYLAND



WEST VIRGINIA



DC



PENNSYLVANIA

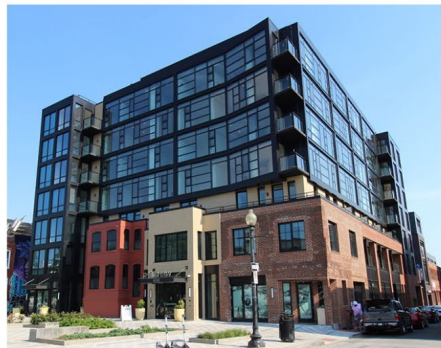
CERTIFIED PLANNERS (AICP)



NATIONALLY



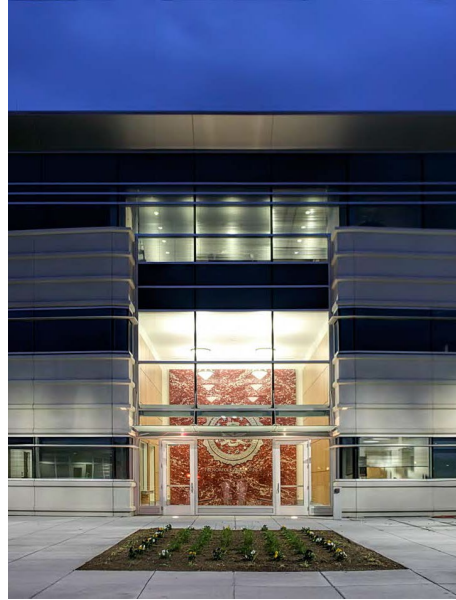
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INTERNATIONAL**



christopher's FEDERAL EXPERIENCE



WASHINGTON, DC

- Smithsonian National Museum of African American History and Culture
- U.S. Coast Guard Headquarters
- World War I Memorial

VIRGINIA

- FBI Central Records Complex
- FBI Field Office – Chesapeake
- Semper Fidelis Memorial Chapel
- National Park Service Fredericksburg & Spotsylvania National Military Park
- Reagan National Airport (DCA)

MARYLAND

- Intelligence Community Campus (ICC-B)
- Fort Meade DISA Headquarters Facility



christopher's INTERNATIONAL FEDERAL EXPERIENCE



- U.S. Department of State New Embassy Compound, Libreville, Gabon
- U.S. Department of State, New Consulate Compound, Surabaya, Indonesia
- U.S. Department of State Embassy Ambassador's Residence, Managua, Nicaragua
- U.S. Embassy Luxembourg, Luxembourg
- U.S. Embassy, Suva, Fiji
- U.S. Embassy, Mbabane, Swaziland
- U.S. Embassy, Monrovia, Liberia
- New U.S. Embassy Compound, N'Djamena, Chad
- New U.S. Embassy Compound, Reykjavik, Iceland
- U.S. Department of State New Marine Security Guard Residence, Brazzaville, Congo
- U.S. Embassy – Marine Security Guard Residence, San Jose, Costa Rica
- Camp Shield, Baghdad, Iraq
- Camp Mitchell Naval Station, Rota, Spain



THANK YOU!!

Stay in touch



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ALTERNATIVE PROJECT DELIVERY PROGRAM OBJECTIVES

Representatives from NIST and NSA will discuss their programs and opportunities for the A/E/C community.

All attendees are eligible for one (1) Professional Development Hour (PDH). Certificates will be emailed to attendees with a copy of the slides from "samedcprograms@gmail.com".

Learning Objectives:

- ✓ Learn more about Alternative Project Delivery program trends, including Design-Build and Early Contractor Involvement, challenges, strategies, and successes at local agency locations.
- ✓ Learn about upcoming funding sources, opportunities and outlook to support the agencies' future projects.
- ✓ Join in the discussion of unique challenges with the ability to provide feedback and solutions through this industry-government engagement program.



Jim Moore, *PE, CCM / USACE E&C Fellow*
Vice President
GPI

Alternative Project Delivery

**Department of Commerce
National Institute of Standards and Technology (NIST)
Office of Facilities and Property Management**

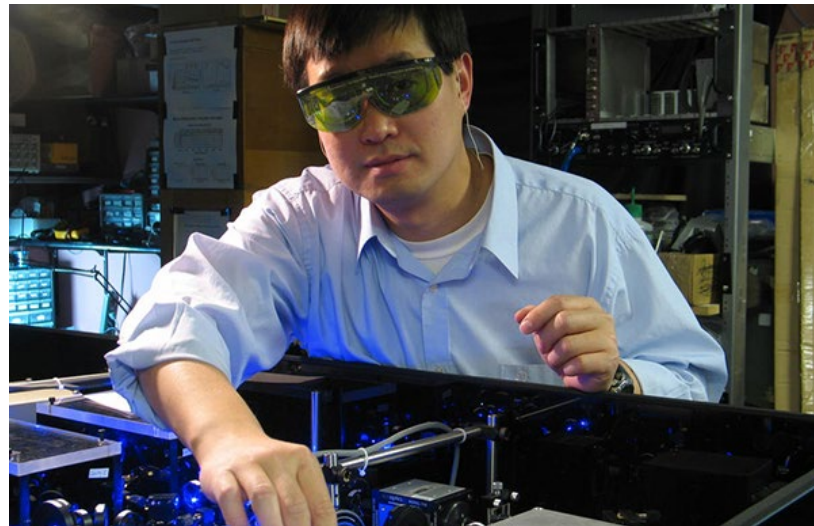
Andy Keirn

**Assistant Dir, Design and Construction
Chief, Design and Construction - Gaithersburg**

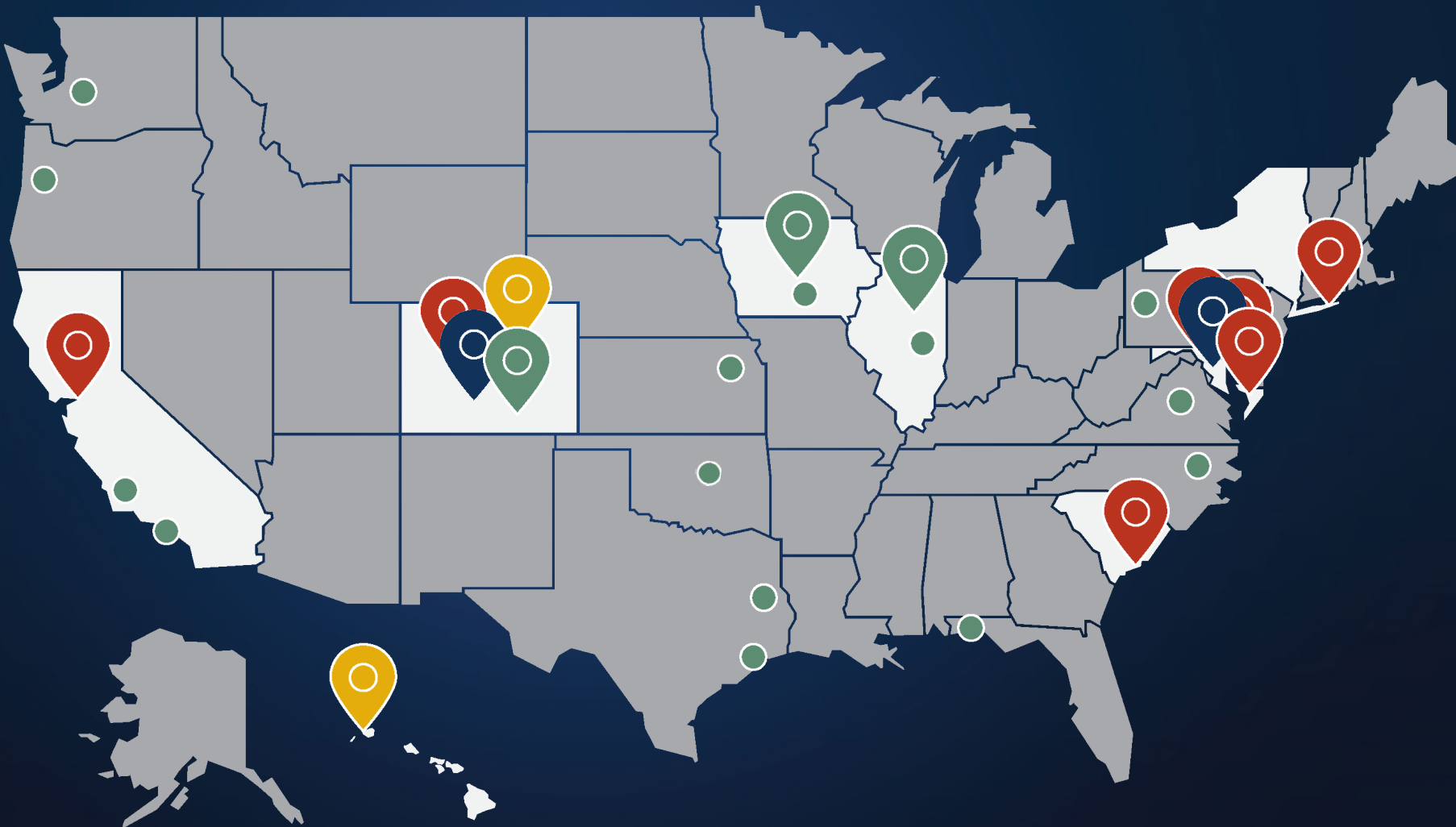
NIST Mission



To promote U.S. innovation and industrial competitiveness by advancing **measurement science, standards, and technology** in ways that enhance economic security and improve our quality of life



NIST Joint Institute and Center Locations



Gaithersburg, MD
Boulder, CO



Joint Institutes and Centers



National Cybersecurity Center of Excellence

Institute for Bioscience & Biotechnology Research

Joint Institute for Quantum Computer Science

Joint Quantum Institute

JILA

Hollings Marine Laboratory

Brookhaven National Laboratory

Joint Initiative for Metrology in Biology

Atomic Clock Signal Stations



NIST Kauai HI WVVH

NIST Ft. Collins CO WWV

NIST Centers of Excellence



Forensic Science

Disaster Resilience

Advanced Materials

Strategic Priorities, National Impacts



9/11/2001

WTC Towers Collapse



5/22/2011

Joplin Tornado



6/23/2012

Waldo Canyon Wildfire



Underway:

Technical investigation of effects of Hurricane Maria on Puerto Rico



Infrastructure Resilience

40+ NIST-led investigations of disaster and failure events since 1969

Resulting in >40 significant changes to building codes and design guidelines

August 2017

New construction performs well in TX based on NIST standards.

NIST Budget

STRS

CRF

ITS

CMR

SCMMR

Gaithersburg Campus



1964



2017

Gaithersburg Site



Boulder Campus



1960ish



2022

Boulder Site



Project Makeup - Gaithersburg

Facilities Modernization Group

One large project – under construction

Program of Requirements – five in development

Facilities Improvement Group

Over 90 active projects

Reimbursable Program Group

Over 60 active projects

Current Project Delivery Strategies (1 of 3)

Two Phase Design Build

- Small Tier DB IDIQ
- Large Tier DB IDIQ
- SATOC – B245
- FFP – B1R w/ options, B209

Sole Source to 8(a)

- Alaskan Native Corporations
- Native American Owned Businesses
- Single Award Task Order Contract
- B101 Cafeteria +
- B235 Program

Design-Bid-Build

IDIQ Delivery

Design-Build @ NIST (2 of 3)

Minor Projects:

- D-B IDIQ: Task Orders \leq \$700K (Contract vehicle in place)
- Large Tier D-B IDIQ: Task Orders \$700K - \$30M (In procurement for MAR 2023 award)

Major Projects:

Budgeting: “Turn Key” Starting with B1 Renovation: Wing 5

Procurement Goals:

- 1.) Utilize DBIA Best Practices
- 2.) Prepare Program of Requirements to be “Shovel Ready”

Current Project Delivery Strategies (3 of 3)

Small Business Set-aside

Contracting Officers utilize procurement mechanisms to include Set-asides covered under FAR Part 19.

Certain contracts reserved for competition among small businesses

Acquisitions not set-aside for small businesses in excess of the Simplified Acquisition Threshold (SAT) require approval.

Justification and Approval (J&A) required prior to awarding a sole-source contract in excess of \$25M

Small Business Subcontracting Program

Any contractor, other than small business, must agree that small business, VOSB, SDVOSB, HUBZone, SDB, and WOSB will have maximum practicable opportunities to participate.

8(a) Business Development Program

Promotes the development of small business concerns owned and controlled by socially and economically disadvantaged individuals.

Small Business and Socio-economic goals 2022

Prime Contracting Goals

Business Category	SB Goal	DOC Goal	NIST Goal
Small Business	39%	39%	45%
SDB	19%	19%	20%
8(a) BD	N/A	10%	12%
WOSB	5%	13%	14%
HUBZone	3%	3%	3.5%
VOSB	N/A	4%	5%
SDVOSB	3%	4%	5%

Subcontracting Goals

Business Category	SB Goal	DOC Goal	NIST Goal
Small Business	30%	30%	36%
SDB	5%	15%	16%
WOSB	5%	15%	16%
HUBZone	3%	3%	3%
VOSB	N/A	4%	4%
SDVOSB	3%	3%	3%

NIST Design-Build Success Stories (1 of 2)



Building 3 Renovation:

- Completed 1-1/2 years earlier than D-B-B
- Saved ~\$6M
- Under budget & ahead of schedule



B1R: Wings 4 & 5:

- Completion of Wing 5: 3 years after award.
- Money saved allowed for full award of Wing 4 as well! (\$35.5M)

NIST Design-Build Success Stories (2 of 2)



Building 245 Radiation Physics:

- SATOC with 8 Task Orders currently
- Under construction



Current IDIQ contracts - Gaithersburg

OFPM maintains numerous IDIQ contracts for design, construction, design-build, and maintenance support

Large Tier Design-Build

Small Tier Design-Build

Electrical Construction

AE-MEP Design

Roofing Construction

Architect

Mechanical Construction

B101 SATOC

B245 SATOC

General Construction

Elevator maintenance

Crane maintenance

Moving and Rigging

Air Compressor Service

Electric Motor Support

Asbestos Abatement

VFD Maintenance

FCAs

UPS Maintenance

Liquid Helium SATOC

NIST Opportunities – Gaithersburg (1 of 2)

- B222 GPL (Renovation)
 - ~216,000 GSF
- B214 AML Expansion (New and Renovation) (~16,000 GSF)
Gates A & F (Renovation and Replacement)
 - ~25,000 GSF
- Standard Reference Materials (New)
 - ~54,000 GSF
- Fire Wind Tunnel Facility (Replacement)
 - ~15,000 GSF
- Research Buildings I (B228) (New)
 - ~300,000 GSF

NIST Opportunities – Gaithersburg (2 of 2)

- B101 Tower Renovation
 - ~95,000 GSF
- B301 HVAC (Renovation)
- Research Buildings II, III, IV and garage (New)
 - ~480,000 GSF
- B101 Lower Level (Renovation)
 - ~50,000 GSF
- Utility Infrastructure upgrade
- CUP and Electrical Switchgear upgrade and expansion.
- Large Tier Design-Build IDIQ (Various)

NIST Opportunities – Boulder

- Research Building A and Parking Garage (New)
 - ~90,000 GSF
- Research Building B (New) (~35,000 GSF)
- Management Resource Center (New & Demo) (~60,000 GSF)
- Child Care Center (Replacement)
 - ~13,000 GSF
- Building 24 Campus Center (New & Renovation)
 - ~33,000 GSF
- Building 1 – Wings 1 & 2 (Renovation)
 - (~113,000 GSF)
- Building 3 Addition (New & Renovation)
 - ~17,500 GSF

Opportunities - Information

Prepare to Respond

Keep abreast of NIST forecasted opportunities through Commerce Business Opportunities Tool (C-BOT)

<https://connection.commerce.gov/forms-and-surveys/forecast-commerce-business-opportunities-tool-c-bot>

- Identifies opportunities across DOC
- Provides contract person
- Provides planned strategy

Forecast information also available on OSDBU webpage

<https://www.osec.doc.gov/osdbu>

And on Department's primary webpage

<https://www.commerce.gov/work-with-us/grants-and-contract-opportunities>

Thoroughly review solicitations and submit only what is required.

Questions concerning this presentation?

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Small Business Specialist/Broker

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Jo-lynn.davis@nist.gov



Alternative Project Delivery

SAME DC Post

Matthew Boren, Chief MILCON Office, NSA

Daria Van Liew, Chief Integrated Program Office, USACE

Army and Navy Club @ Farragut Square

26 May 2022



East Campus History



- Recapitalization
 - Aging Facilities (from one phone on the column to 6 -8 monitors on each desk)
 - Shifting More Towards 'Owned' Rather Than 'Leased' Facilities
- FY13 – FY27 -- \$4.5B MILCON Investment
- NSA and USACE Partnership
 - Governance
 - Integrated Program Office (IPO)
- Early Industry Engagement
 - Market Research and One-on-Ones
 - Stipend
 - Sharing Draft RFP
 - Pre-Proposal Exchanges
- Requirements Range from 'Performance Based' to 'Requirements Based'



East Campus Projects



- HPCC2* & ECB-MC** D/B Firm Fixed Price
- ECB1 & Joint Operations Center (JOC) DBB Firm Fixed Price
- East Campus Buildings 2 & 3 D/B Firm Fixed Price
- East Campus Building 4 & MORC*** D/B Fixed Price Award Fee

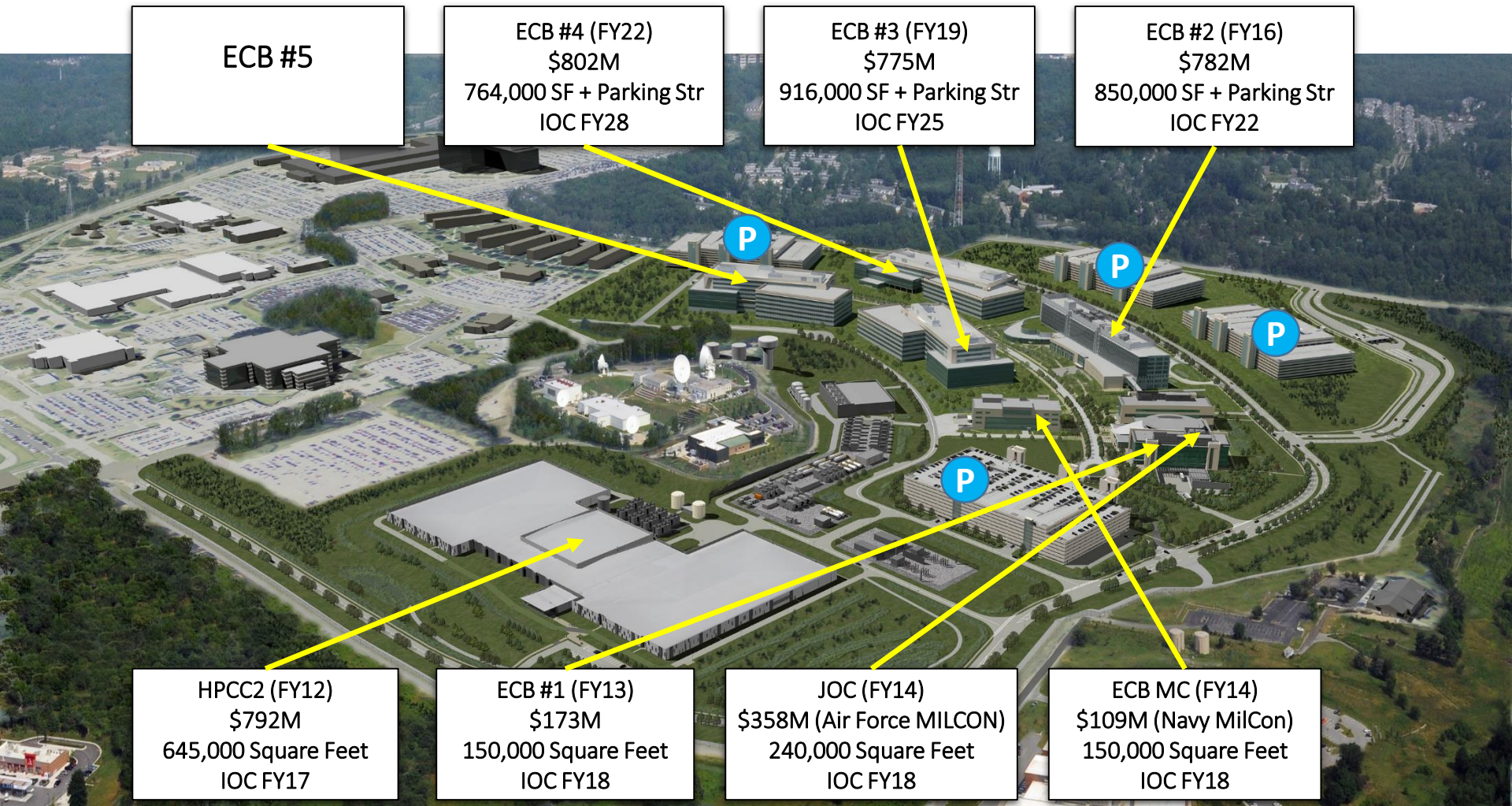
* High Performance Computing Center

** MARFOR CYBER

*** Mission Operations and Records Center Buildings



East Campus Buildings (ECB)



IOC = Initial Operational Capability



Opportunities



- East Campus Building 5 (FY24)
 - \$880M, FY24, 775,000 Square Feet + Parking Structure
 - 48 Months of Construction, 24 Months of Fit Up
 - Initial Operational Capability FY30
 - Early Contractor Involvement (ECI)
 - Newly drafted Integrated and Design Construction Clause (deviation from FPIS)
 - FPIS: Fixed-price incentive (successive targets), described in FAR 16.403-2
 - Milestone Dates:

• Prequalification	Summer 2022
• Solicitation	Fall 2022
• Award Pre-Construction Services	Winter 2023



Questions & Answers





JULY 26-27, 2022

NOVEMBER 2-4, 2022

MARCH 13-15, 2023

MARCH 15-17, 2023



2022 Federal Design-Build Symposium

2022 Design-Build Conference & Expo

2023 Design-Build for Transportation/Aviation

2023 Design-Build for Water/Wastewater

Hilton Crystal City, VA

MGM Resort Las Vegas

Washington State Convention Center
Seattle, Washington

Washington State Convention Center
Seattle, Washington

UPCOMING EVENTS



June

- Educational Event – Design Build Roundtable
- Howard County P3
- HRBT Tunnel Tour

July

- Networking Event – at Federal Symposium

September

- DBIA-MAR Golf Tournament
- Progressive Design-Build
- Risk/Insurance

October

- DBIA-MAR Awards Dinner/Networking Event

UPCOMING EVENTS



SAME Washington DC Post Proudly Presents:

FIRST FRIDAY LUNCHTIME LEARNING SESSIONS

Friday, June 3, 2022

12:00 pm - 1:00 pm ET

MS Teams Virtual Platform

Earn 1 PDH each session

www.same.org/DCPost

TOPIC:

Stacking the Deck with Modular Construction

PRESENTED BY:



George Olear, RA, AIA

UPCOMING EVENTS



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FIRST FRIDAY LUNCHTIME LEARNING SESSIONS

First Friday every month
12:00 pm - 1:00 pm ET
MS Teams Virtual Platform
Earn 1 PDH each session

CALL FOR PRESENTATIONS

UPCOMING EVENTS

THE WASHINGTON DC POST



ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Metropolitan Washington



SAME WASHINGTON DC Post
in association with ACEC MW & CMAA NCC presents

JOINT CONFERENCE

Major Construction Program Trends, Strategies & Opportunities (3 PDH)

**Army & Navy Club
on Farragut Square**

Sponsorships Available!

Thursday

9:00 am - 2:00 pm

June 23, 2022

www.same.org/DCPost



Summer Celebration and Scholarship Fundraiser at TopGolf
Thursday, July 21 | 5:30 pm – 9:30 pm | TopGolf National Harbor



SAME DC/NoVA/Mid-Maryland Posts at the JBA Air Show
Sept. 16-19 | Joint Base Andrews Expo

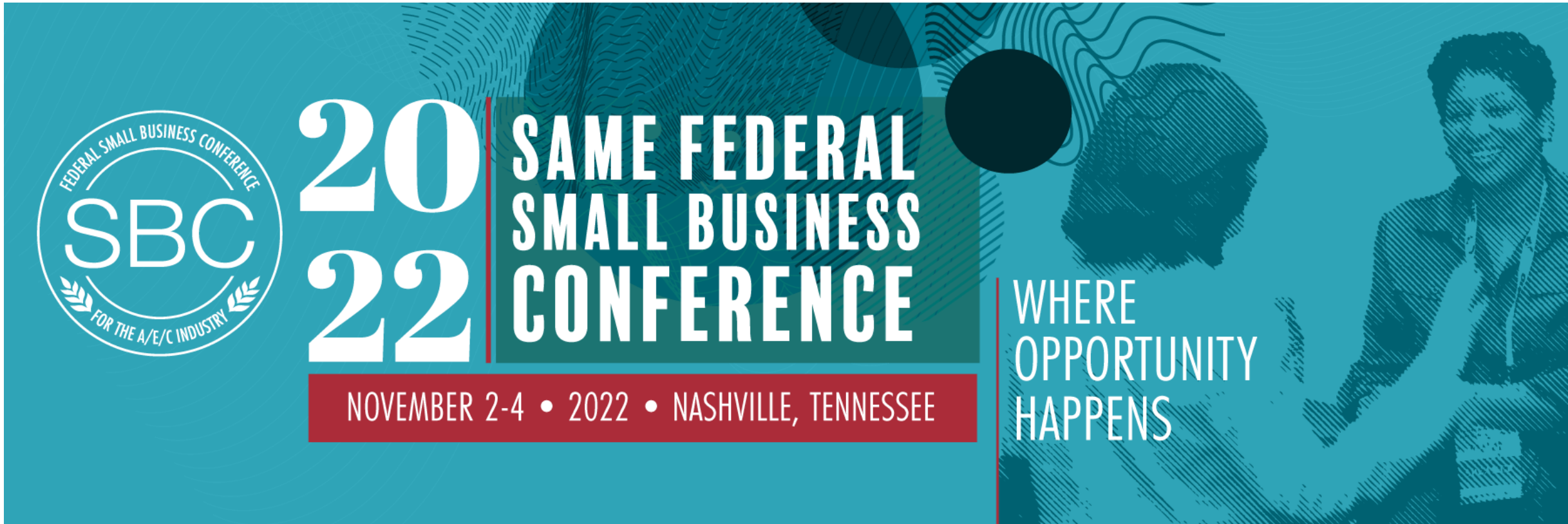


Federal Luncheon Program: Innovation in 5G Networks & Electric Infrastructure
Thursday, September 22 | 11:30 pm – 2:00 pm | Army and Navy Club at Farragut Square



Annual Scholarship Golf Tournament – It's back!
Wednesday, October 5 | Joint Base Andrews – The Courses at Andrews

UPCOMING EVENTS



The banner features a teal background with a stylized illustration of two people in business attire. On the left is the SBC logo: a circular emblem with 'FEDERAL SMALL BUSINESS CONFERENCE' at the top, 'SBC' in the center, and 'FOR THE A/E/C INDUSTRY' at the bottom. To the right of the logo, the text '2022 SAME FEDERAL SMALL BUSINESS CONFERENCE' is displayed in large, bold, white letters. Below this, a red horizontal bar contains the text 'NOVEMBER 2-4 • 2022 • NASHVILLE, TENNESSEE'. To the right of the bar, the phrase 'WHERE OPPORTUNITY HAPPENS' is written in white, stacked vertically. The background also includes abstract circular patterns and a dark teal circle.

Submit your abstract submission by Monday, June 13, 2022. Each speaker may submit up to two (2) sessions for consideration. www.samesbc.org

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