



# Welcome to the Partners in Excellence Workshop

**UNCLASSIFIED**

This document has been reviewed by a CNS Dual Authority DC/RO and confirmed to be UNCLASSIFIED.

Name: Steven Aragon

Date: 06/30/2022

CNS eDC/RO ID: 458690

## Reminders for Our Amarillo and Oak Ridge Participants

- No food or drink
- Please silence your phones and other electronic devices
- Exit doors
- Restrooms
- CNS as well as Small Business Development Center and Procurement Technical Assistance Center representatives are in attendance to answer your questions

## Reminders for Our WebEx Participants

- You are muted and cannot unmute yourself.
- If you need assistance, please send a message to the Host via Chat.
- If your audio is not functioning, please call in using the information below.
- Keep these numbers accessible in case you loose connection.

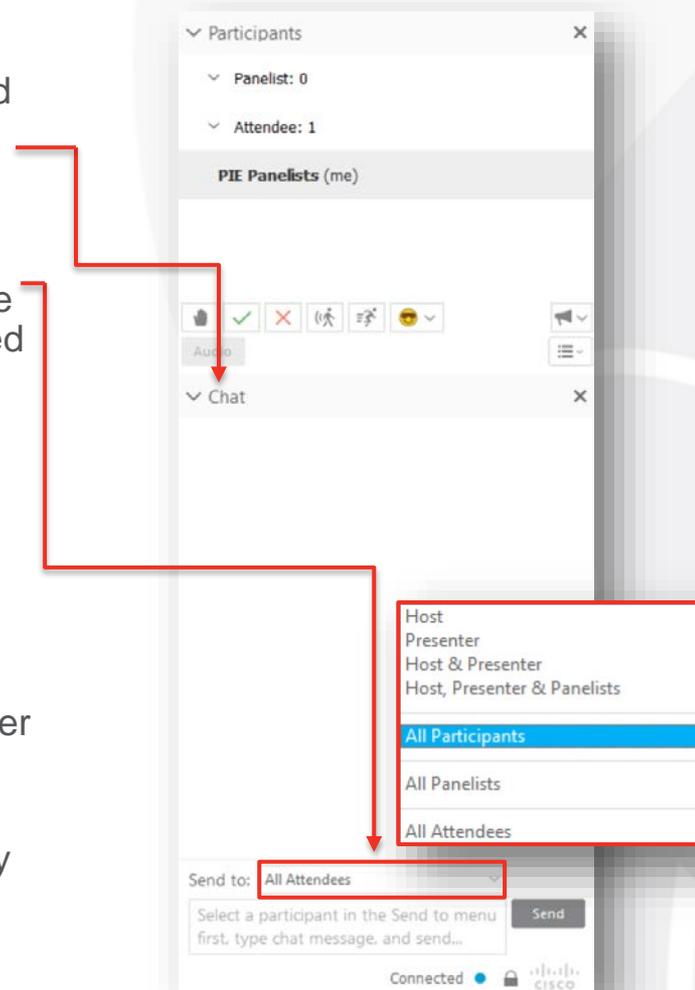
**Phone Number: US Toll +1(415) 527-5035**

**Session Number: 2763 071 7291**

**Session Password: YJmV4t6mQ7H (95684866 by phone)**

# Chat Functions Within WebEx

- Under the Participants list, there will be a Chat menu (may be collapsed at the bottom—if so select “Chat” and the menu should be revealed)
- Selecting the “To” button within the Chat menu will designate who will receive your message
  - **To all Participants:** Everyone in the meeting will be able to view your chat message (Should not be used unless directed to)
  - **To all Panelists:** Only all Panelists will be able to view your chat message
  - **To Host:** Your message will only be visible to the Host
  - **To Presenter:** Only the individual currently presenting will be able to view your chat message
  - **To Host and Presenter:** The Host and the Presenter will be able to view your message
  - **Selecting Individuals Name:** Selecting an individual’s name will make your chat message only visible to the individual that you have selected
- **Note:** During our Q&A Session, questions should be sent to all Panelists. **If questions are sent to another individual or group in the Chat menu, they may not be seen.**



# Safety is Our Top Priority

- **Safety Message: Heat Stress**
  - **Heat stress** is overexposure to or overexertion in excess environmental temperatures, which could lead to:
    - heat cramps
    - heat exhaustion
    - heat stroke
  - **Prevention**
    - Drink plenty of water or nonalcoholic fluids regularly and often. Avoid caffeine.
    - Perform the heaviest work during the coolest part of the day.
    - Take frequent, short breaks in cool, shaded areas to allow your body to cool down.
    - Wear lightweight, light-colored, loose-fitting clothing to allow free air movement.



# Agenda

Time (EDT)	Time (CDT)		
2:00 p.m.	1:00 p.m.	Welcome Comments & Safety Share	Randy Crawford, Pantex Small Business Program Manager
2:10 p.m.	1:10 p.m.	Opening Comments	Jeff Yarbrough, Pantex Site Manager  Gene Sievers, Y-12 Site Manager
2:20 p.m.	1:20 p.m.	CNS Construction & Design Opportunities	Erwin Vargas, Business Manager-CNS Projects Management
2:30 p.m.	1:30 p.m.	Introduction to High Explosives Science & Engineering (HESE) Facility	Lindsey Sullivan, Pantex Construction Contracts Administrator  Cody Edwards Project Manager, Hensel Phelps
3:05 p.m.	2:05 p.m.	Prohibited & Controlled Articles	Everette (Don) Goins, Security Operations
3:25 p.m.	2:25 p.m.	CNS Procurement Opportunities	Rick Hillert, Director CNS Procurement Operations
3:35 p.m.	2:35 p.m.	Final Comments	Jason Eaton, Senior Director CNS Supply Chain Management
3:45 to 4 p.m.	2:45 to 3 p.m.	Networking	



## Opening Comments

**Jeff Yarbrough**

*[Jeffrey.Yarbrough@pxy12.doe.gov](mailto:Jeffrey.Yarbrough@pxy12.doe.gov)*

Site Manager, Pantex Plant





## Opening Comments

**Gene Sievers**

*[Eugene.Sievers@pxy12.doe.gov](mailto:Eugene.Sievers@pxy12.doe.gov)*

Site Manager, Y-12 National Security Complex





## **CNS Construction and Design Opportunities**

**Erwin Vargas**

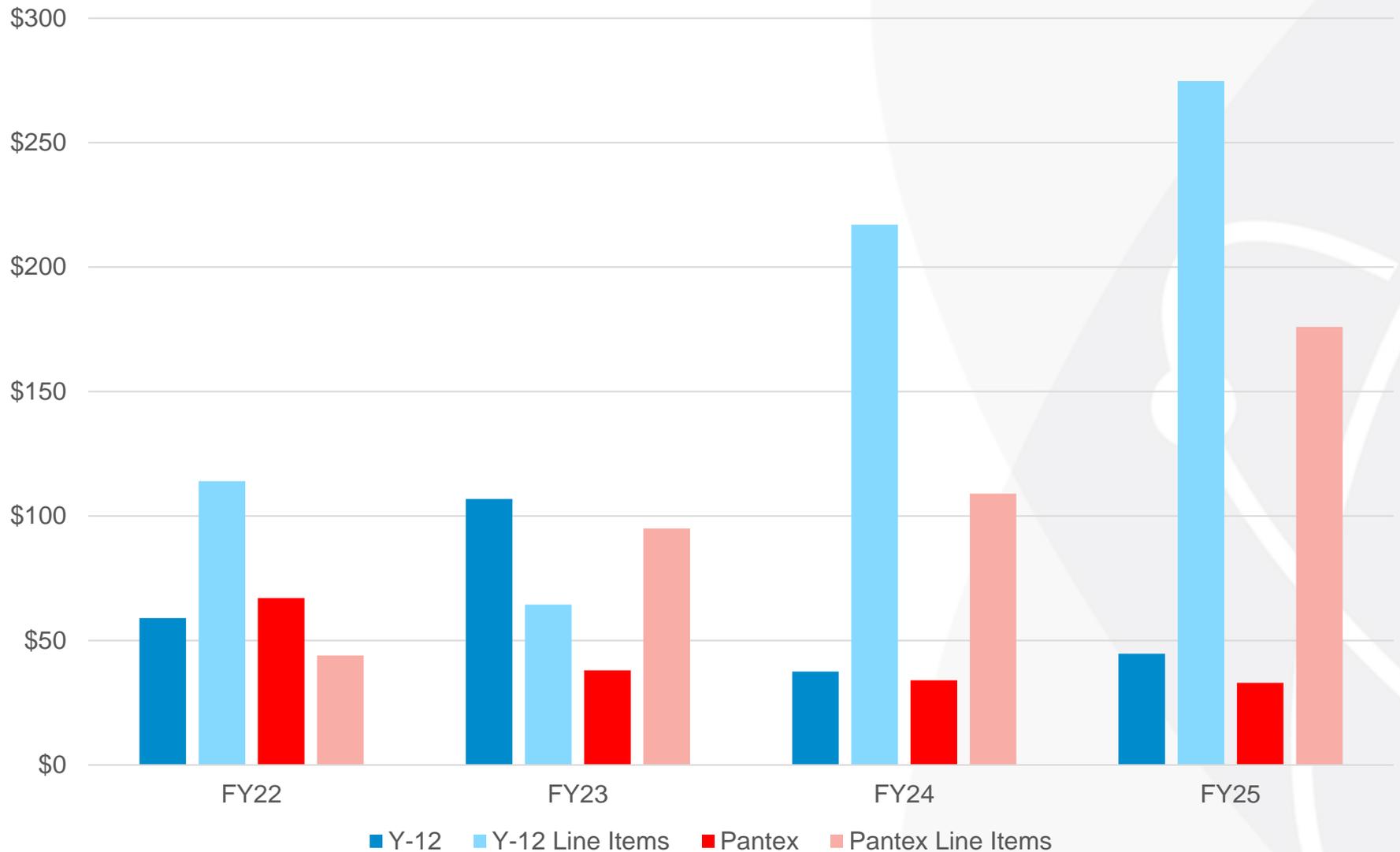
*[Erwin.Vargas@pxy12.doe.gov](mailto:Erwin.Vargas@pxy12.doe.gov)*

Business Manager – CNS Projects Management



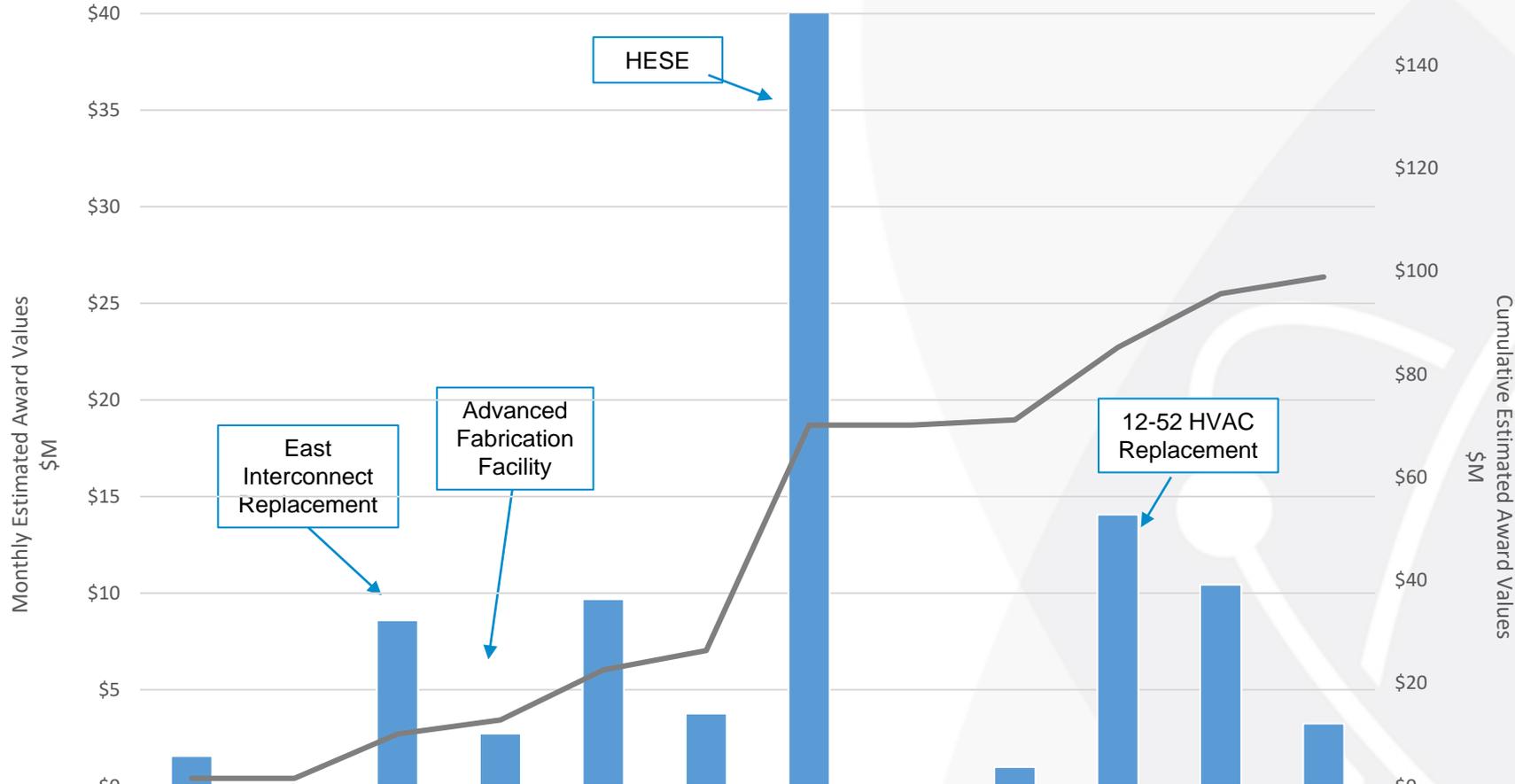
# FY22 through FY25 Pantex & Y-12 Projections

Forecasted Expenditures for Contracts and Materials (\$M)



# Pantex FY22 Procurement Awards

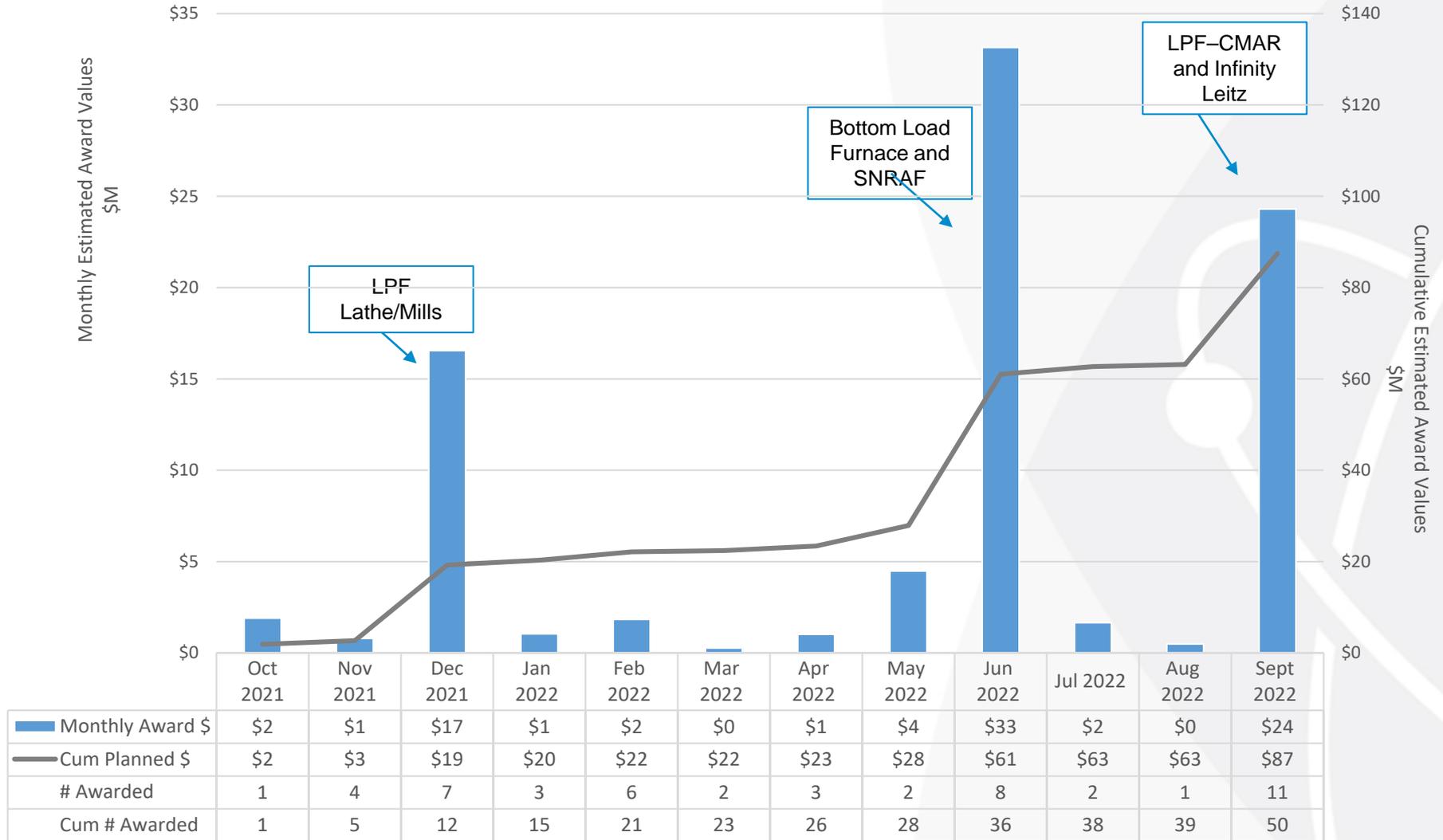
➤ 33 contract awards for equipment, design and construction contracts projected for FY22 estimated at \$99M



	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sept 2022
Monthly Award \$	\$1.6	\$0.0	\$8.6	\$2.7	\$9.7	\$3.8	\$43.8	\$0.0	\$1.0	\$14.1	\$10.4	\$3.3
Cum Planned \$	\$2	\$2	\$10	\$13	\$23	\$26	\$70	\$70	\$71	\$85	\$96	\$99
# Awarded	1	-	3	6	4	4	4	-	1	5	4	1
Cum # Awarded	1	1	4	10	14	18	22	22	23	28	32	33

# Y-12 FY22 Procurement Awards

➤ 50 contract awards for equipment, design and construction are forecasted in FY22 estimated at \$87M





## Question & Answer

***Please Submit Questions Using Index Cards  
or Via Chat in WebEx (Send to All Panelists)***



## Introduction to High Explosive Science & Engineering Facility (HESE)

**Lindsey Sullivan**

*[Lindsey.Sullivan@pxy12.doe.gov](mailto:Lindsey.Sullivan@pxy12.doe.gov)*

Pantex Construction Contracts Administrator





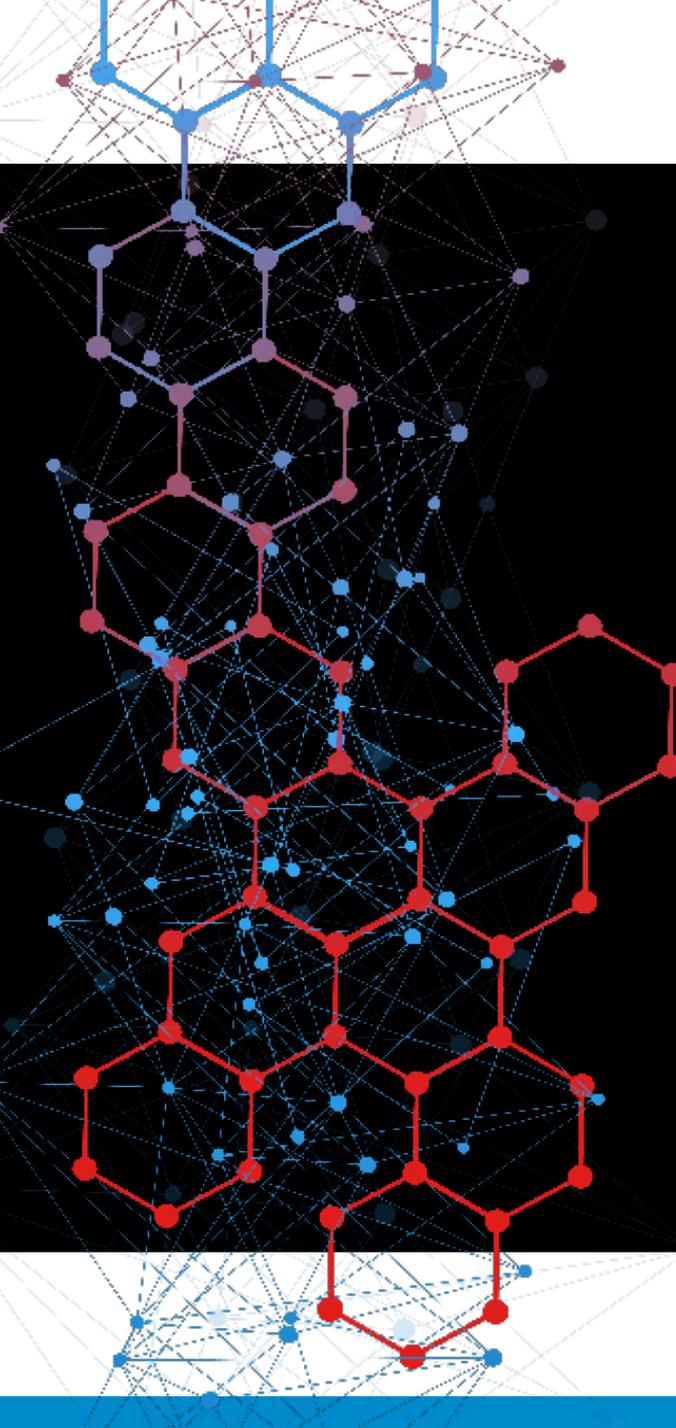
## HESE Contractor: Hensel Phelps

**Cody Edwards**

[cedwards@henselphelps.com](mailto:cedwards@henselphelps.com)

Project Manager





*PantEX*

HIGH EXPLOSIVE  
SCIENCE & ENGINEERING  
FACILITY



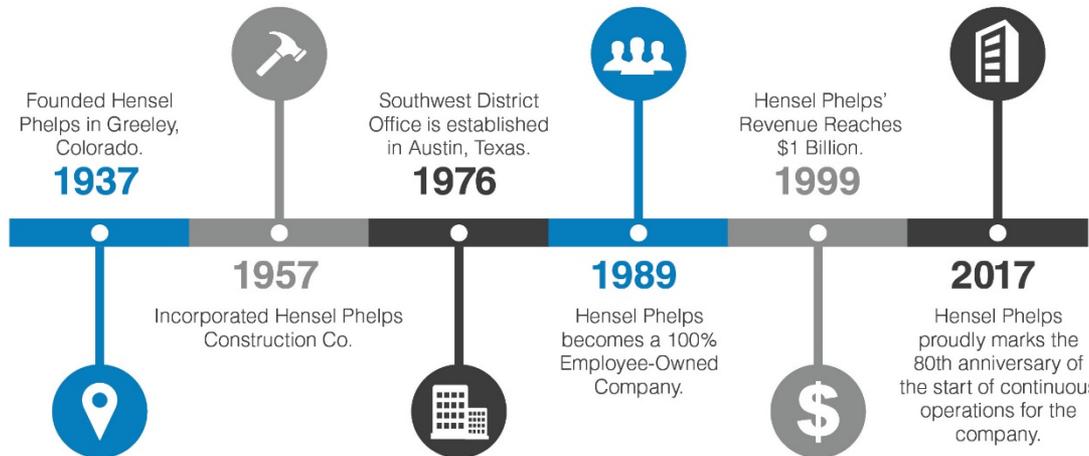
**HENSEL PHELPS**  
Plan. Build. Manage.

# Delivering **EXCELLENCE** In All We Do.

## Who We Are

Since its humble beginning in 1937, Hensel Phelps has grown as a family of hard-working individuals into a world-class builder. Exploring new markets and partnerships, investing in diversity and our communities, and forging new opportunities, we are dedicated to serving our people, our neighbors, our partners and all those who aspire to build a better future.

Hensel Phelps is committed to continuing our legacy—not only through brick and mortar landmarks but through the integrity of our team members. Through the years, these core values have represented our company as well as each individual that make our projects possible: Ownership, Integrity, Builder, Diversity and Community. These values, paired with our ambitious vision and drive to succeed, are what define Hensel Phelps and will ensure our continued growth and EXCELLENCE for generations to come.



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84

YEARS

9

DISTRICT  
OFFICES

3,700

EMPLOYEES

\$6B

ANNUAL  
REVENUE



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# EXPERIENCE WITH COMPLEX PROJECTS

**#1**

*Engineering News-Record*  
Green Government  
Office Contractor



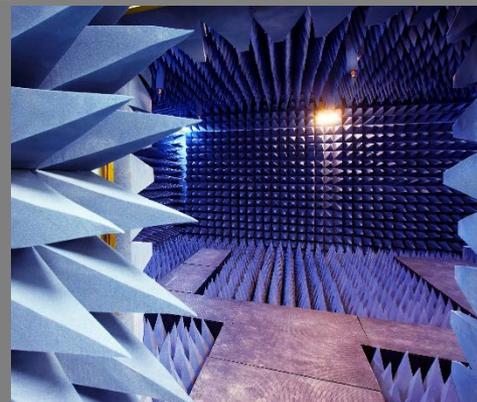
**#4**

*Engineering News-Record*  
Design-Build Contractor  
in the U.S.



**#19**

*Engineering News-Record*  
Top 100 Construction  
Management-At-Risk  
Firms



**#12**

*Engineering News-Record*  
Top 400 Contractors



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# High Explosive Science & Engineering



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# Project Components

Completed Condition



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# BUILDING THE TEAM

The Right Mix of  
Qualified Partners



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# MANPOWER CAPABILITIES & RESOURCES

## Management Team

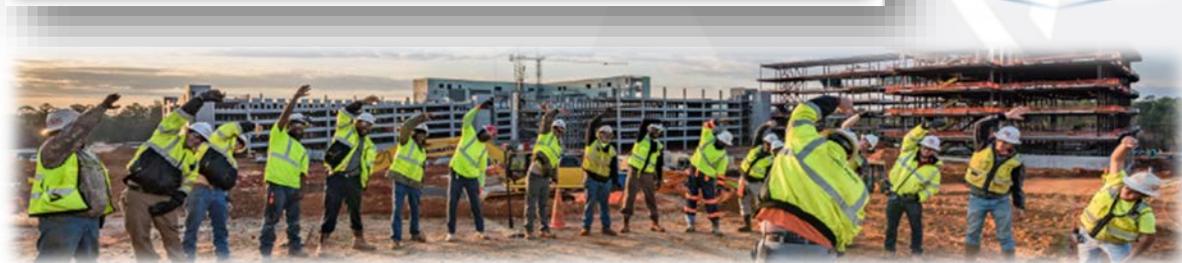
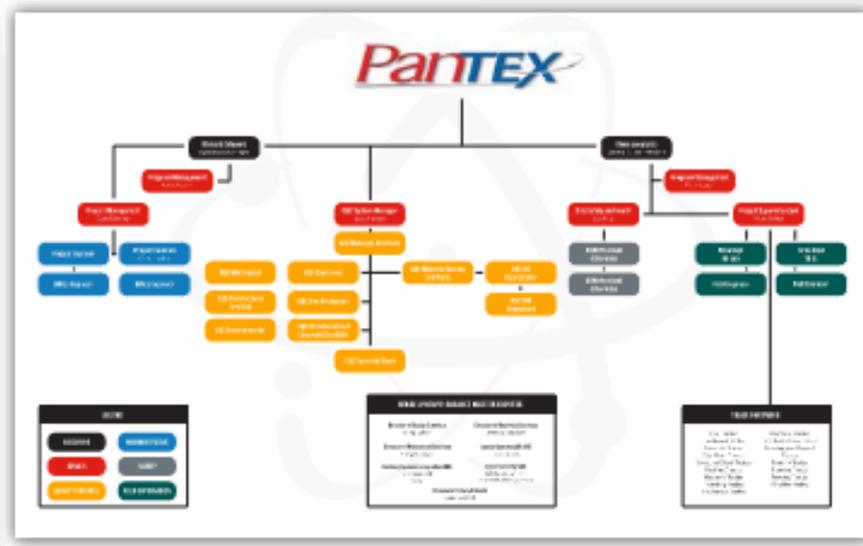
- Quality Control
- Project Management/Project Controls
- Site Safety and Health
- Field Supervision

## Trade Partners

- Leveraging Local & Non-Local Talent

## Craft Work Force

- Creating a Jobsite Where People Want to Come and Work



# WORKFORCE PROJECTION

<b>HVAC Crew:</b>	2 – Journeyman Technician	1 – Duct Lift
	6 – Sheetmetal Workers	1 – Skytrak
<b>Fire Sprinkler Crew:</b>	1 – Journeyman Fire Plumber	1 – Skytrak
	5 – Apprentice	1 – Pipe Threader

PROJECTED CRAFT WORKFORCE	CREWS / PERSONNEL	EQUIPMENT / OFFICES
<b>Site Crew:</b>	2 – Equipment Operators	1 – Backhoe
	4 – Laborers	1 – Dump Truck
	1 – Truck Driver	1 – Water Truck
		1 – 5CY Frontend Loader
		1 – Vibratory, Sheepsfoot Roller
		1 – Road Grader / Maintainer
		1 – Hydrovac
<b>Surveying Crew:</b>	2 – Surveyors	Surveying Equipment
<b>Plumbing Crew:</b>	1 – Master Plumber	1 – Backhoe
	2 – Journeyman Plumber	1 – Trencher
	6 – Apprentice Plumbers	1 – Jumping Jack Compactor
<b>Electrical Crew:</b>	1 – Master Electrician	1 – Trencher
	6 – Journeyman Electrician	1 – Jumping Jack Compactor
	12 – Apprentice Electricians	
<b>Concrete Crew:</b>	12 – Carpenters	1 – Backhoe
	18 – Laborers	2 – Cranes
	3 to 12 – Finishers	
	3 – Equipment Operators	1 – Concrete Pump
<b>Pest Control Crew:</b>	1 – Fumigator	1 – Pest Control Truck
<b>Cable Barrier Crew:</b>	1 – Equipment Operator	1 – Skid Loader
	3 – Laborers	
<b>Chain-Link Fence Crew:</b>	1 – Equipment Operator	1 – Skid Loader
	2 – Laborers	
<b>Structural Steel Crew:</b>	1 – Equipment Operator	1 – Skytrak
	1 – Crane Operator	1 – Crane
	2 – Master Erectors	2 – Scissor Lifts
	5 – Steel Workers	1 – Manlift
	2 – Certified Welder	1 – Welding Machine
<b>Masonry Crew:</b>	3 – Master Masons	1 – Skytrak
	10 – Journeyman Masons	2 – Mortar Mixers
	10 – Laborers	2 – Mason Saws
<b>Roofing Crew:</b>	1 – Foreman	1 – Skytrak
	8 – Roofers	
<b>HVAC Crew:</b>	2 – Journeyman Technician	1 – Duct Lift
	6 – Sheetmetal Workers	1 – Skytrak
<b>Fire Sprinkler Crew:</b>	1 – Journeyman Fire Plumber	1 – Skytrak
	5 – Apprentice	1 – Pipe Threader
<b>Metal Stud Framing Crew:</b>	1 – Foreman	1 – Skytrak
<b>Drywall / Suspended Ceiling Crew:</b>	6 – Framers	2 – Scissor Lifts
<b>Tape &amp; Float Crew:</b>	1 – Foreman	1 – Rolling Scaffolding
	6 – Plasterers	
<b>Painting Crew:</b>	5 – Painters	
<b>Geotechnical Lab Crew:</b>	1 – Technician	1 – Soil Density Tester
<b>Aluminum Window Crew:</b>	1 – Foreman	1 – Skytrak
	3 – Glaziers	1 – Man Lift
<b>Carpentry Crew:</b>	4 – Carpenters	1 – Scissor Lift
<b>Low-Voltage Crew:</b>	5 – Technicians	1 – Scissor Lift

# SUBCONTRACTING GOALS

## SUBCONTRACTING GOALS

- Small Business: 56.20%
- Small Disadvantaged Business: 48.10%
- Women-Owned Small Business: 2.13%
- Veteran-Owned Small Business: 48.10%
- Service-Disabled Veteran-Owned Small Business: 48.10%



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## Question & Answer

***Please Submit Questions Using Index Cards  
or Via Chat in WebEx (Send to All Panelists)***



## Prohibited and Controlled Articles

**Everette (Don) Goins**

*[Everette.Goins@pxy12.doe.gov](mailto:Everette.Goins@pxy12.doe.gov)*

Security Operations



# Prohibited and Controlled Articles

## Prohibited Articles

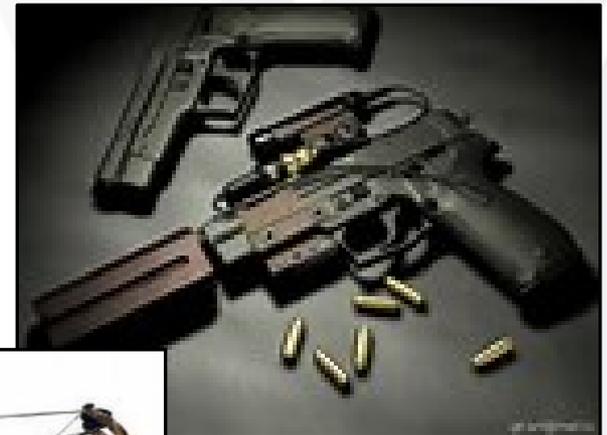
- Prohibited articles are not permitted on U.S. Department of Energy (DOE) controlled property, nor are they allowed to be stored in personally or government-owned vehicles while those vehicles are on the Y-12 National Security Complex (Y-12) or Pantex Plant (Pantex) site.
- Failure to comply with the policies governing these items could result in a security infraction and disciplinary actions up to and including termination.

***\*While at CNS sites, all individuals, hand carried items, and vehicles are subject to random searches.***

# Prohibited and Controlled Articles

The following are examples of articles **PROHIBITED** at CNS:

- Dangerous weapons and ammunition
  - Firearms
  - Personally owned knives (2.5 inches and longer)  
*(The blade length is measured in a straight line from the tip of the blade to the most forward point of the handle or hilt.)*
  - Bows (compound or cross)
  - Nightsticks



# Prohibited and Controlled Articles

The following are examples of articles **PROHIBITED** at CNS  
(continued):

- Drugs:
  - Prescription drugs (used by Unauthorized user)
  - Illegal drugs (including marijuana, CBD, edibles, hemp, Etc.)
  - Drug paraphernalia



# Prohibited and Controlled Articles

The following are examples of articles PROHIBITED at CNS (continued):

- Alcoholic beverages (any amount)
- Explosives
  - Incendiary Devices
  - Fertilizer (bulk)
  - Fireworks



# Prohibited and Controlled Articles

The following are examples of articles **PROHIBITED** at CNS (continued):

- Technical Surveillance Equipment (i.e. any equipment designed to collect information)
- Other items prohibited by law or policy



# Prohibited and Controlled Articles

## Controlled Articles

- Controlled articles are items that are permitted at CNS sites; however, they are restricted from use in specified security areas. In accordance with CNS Policies, the following are **EXAMPLES** of controlled items.
- Failure to comply with the policies governing these items could result in a security infraction and disciplinary actions up to and including termination.

***\*While at CNS sites, all individuals, hand carried items, and vehicles are subject to random searches.***

# Prohibited and Controlled Articles

The following are examples of articles CONTROLLED at CNS:

## Items allowed in Personal Vehicle in PPA ONLY

- Gas can (5 gallon)
- Air cards
- Media Storage devices (hard drives)
- Cameras, audio/video recording devices
- Pepper Spray/Mace
- Road Flares (5 max)

### Pantex Only

- Lighters
- Electronic cigarettes



# Prohibited and Controlled Articles

The following are examples of articles CONTROLLED at CNS (continued):

Personal Electronic Device (PED) **Features** which must be DISABLED while on CNS property

- Camera features (i.e. cell phones)
- Recording capabilities
- Bluetooth capabilities
- WIFI Hotspots



**\*Bluetooth only allowed on personal electronic devices and other personally owned devices in GAA/PPA facility parking lots and while driving on access roads leading to PPA parking lots.**

**\*\*Refer to E-POL-1021, Cellular Telephone/Portable Electronic Device Motor Vehicle Safety Policy, for safety restrictions.**



## Question & Answer

***Please Submit Questions Using Index Cards  
or Via Chat in WebEx (Send to All Panelists)***



## CNS Procurement Opportunities

**Rick Hillert**

*[Ricky.Hillert@pxy12.doe.gov](mailto:Ricky.Hillert@pxy12.doe.gov)*

CNS Director Procurement Operations



## Procurement Opportunities (Pantex) FY22 Q3 & 4

Project	Comp Type	Est Price	Est Date	Comment
PREP Feeder to North Main Substation	Full & Open	\$1 - \$10 Mil	Q3/4 FY22	Construction
Parking Lot Extension	TBD	\$?	Q3/4 FY22	Construction
HVAC	TBD	\$1 - \$10 Mil	Q3/4 FY22	Construction
Environmental Chambers & Equipment Skids	TBD	\$250K - \$1Mil	Q4 FY22	Construction
CAS/SAS HVAC and UPS Upgrade	TBD	\$1 - \$3 Mil	Q4 FY22	Construction

## Procurement Opportunities (Y-12) FY22 Q3 &4

Project	Comp Type	Est Price	Est Date	Comment
Lithium Processing Facility CM	Full & Open	\$500M - \$1B	Q3/4 FY22	Construction Management
Facility Upgrade	Full & Open	~\$10 Mil	Q3/4 FY22	Fabricated Equipment
Lithium Processing Facility HMG Furnace	Full & Open	~\$1-2 Mil	Q4 FY22	Fabricated Equipment
Concrete	Full & Open	\$250K - \$1Mil	Q4 FY22	Building Materials
Undefined Service and equipment purchases	TBD	\$250K - \$1 Mil	Q4 FY22	Requirements in review

# Additional Forecast Details

CNS Procurement provides the forecast of subcontracting opportunities for FY 2022 and FY2023.

- These requirements may be revised or cancelled, depending on program budget funding or departmental needs.

## CNS Forecast Site

<https://www.y12.doe.gov/suppliers/procurement/subcontracting/subcontracting-forecasts/cns-forecast>

If you have questions or would like to express an interest in any of the opportunities listed in the previous slides, contact:

[procurement@pantex.com](mailto:procurement@pantex.com) (Pantex)

[procurement@y12.doe.gov](mailto:procurement@y12.doe.gov) (Y-12)

# System for Award Management (SAM)

- All Offerors must be registered with the System for Award Management (SAM.) Offerors not registered will be ineligible for award.
- SAM registrations have to be renewed annually
- To register or renew:
  - <https://www.sam.gov>
  - Call: (866) 606-8220
- For assistance (create an incident report or initiate a live chat) visit the Federal Services Desk at: <https://www.fsd.gov>.
- Initiate registration renewal no later than one month before expiration.
- To avoid delays, Register/Renew via sam.gov, not a third party.
- Free assistance is available through local Procurement Technical Assistance (PTAC) and Small Business Development Centers.
- Effective April 4, 2022, SAM and other federal government systems began using the Unique Entity Identifier (UEI) rather than DUNS. For information about this, and the impact on your sam.gov registration, visit: <https://www.sam.gov/content/duns-uei>



## Question & Answer

***Please Submit Questions Using Index Cards  
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## Closing Comments

**Jason Eaton**

*[Jason.Eaton@pxy12.doe.gov](mailto:Jason.Eaton@pxy12.doe.gov)*

Senior Director CNS Supply Chain Management



# Small Business Program Managers

**Y-12 National Security Complex**

**Greta Ownby**

**Greta.Ownby@pxy12.doe.gov**

**Pantex Plant**

**Randy Crawford**

**Randy.Crawford@pxy12.doe.gov**



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