



# 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: Bridgette Nelson  
Date: 08/24/2023  
CNS eDC/RO ID: 646770

# 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 APEX Accelerator 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.
- Questions should be sent to Host using the Chat option.
- If your audio is not functioning, please call in using the information below.
- Keep these numbers accessible in case you lose connection.

**Phone Number: US Toll +1(415) 527-5035**  
**Webinar Number (access code): 2760 081 9518**  
**Webinar Password: gPTGJsFM685**  
**(47845736 from phones and video systems)**

# Safety Is Our Top Priority

## Safety Message: Heat Stress

- **Heat stress** occurs when the body cannot get rid of excess heat
- The body's core temperature rises and the heart rate increases
- Overexposure or overexertion in excess environmental temperatures, can lead to:
  - heat rash
  - heat cramps
  - heat exhaustion
  - heat stroke
- **Prevention**
  - Stay Fit – Acclimatization – Recognize the signs
  - Drink plenty of water or other fluids regularly and often – Avoid alcohol and excess caffeine
  - Perform the most strenuous activity during the coolest part of the day
  - Take frequent, short breaks in cool, shaded areas to cool down
  - Wear lightweight, light-colored, loose-fitting clothing for air movement



# Agenda

Time EDT	Time CDT	Activity/Presentation	Person
2:00 p.m.	1:00 p.m.	Workshop Begins Welcome & Safety Share	Randy Crawford, Pantex Small Business Program Manager
2:05 p.m.	1:05 p.m.	Opening Comments	Ed Rogers, Vice President of CNS Business Management & Transformation
2:15 p.m.	1:15 p.m.	Announcement and Recognition of 2022 Small Business Award Winners	Rick Hillert, Sr. Director CNS Supply Chain Management Randy Crawford Greta Ownby, Y-12 Small Business Program Manager
2:25 p.m.	1:25 p.m.	Projects, Construction, Equipment: Short and Long Term View	Jerry Ebeling, Portfolio Manager for Facility/Equipment Upgrades and Dispositions, Pantex Plant Erwin Vargas, Business Manager, CNS Project Management
3:00 p.m.	2:00 p.m.	Lithium Processing Facility Contractor Access to Kiewit Execution	Jason Eaton, Director Nuclear Supply Chain, Kiewit
3:20 p.m.	2:20 p.m.	Upcoming Procurement Opportunities & Doing Business with CNS	Rick Hillert
3:40 p.m.	2:40 p.m.	Final Comments <ul style="list-style-type: none"> <li>• Survey</li> <li>• Introduction of CNS representatives</li> </ul>	Rick Hillert
3:45 p.m.	2:45 p.m.	Workshop Concludes Networking Begins	All



## Opening Comments

### **Ed Rogers**

Vice President, CNS Business  
Management & Transformation

[Claude.Rogers@pxy12.doe.gov](mailto:Claude.Rogers@pxy12.doe.gov)





## Announcement of Small Business Award Winners

**Rick Hillert**

Senior Director, CNS Supply Chain Management

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



# Small Business Award Winners

## **NORTH AMARILLO AUTO PARTS**







## **Projects, Construction, Equipment: Short and Long Term View**

**Jerry Ebeling**

Portfolio Manager for Facility/Equipment  
Upgrades and Dispositions, Pantex Plant

[Jerry.Ebeling@pxy12.doe.gov](mailto:Jerry.Ebeling@pxy12.doe.gov)





## Projects, Construction, Equipment: Short and Long Term View

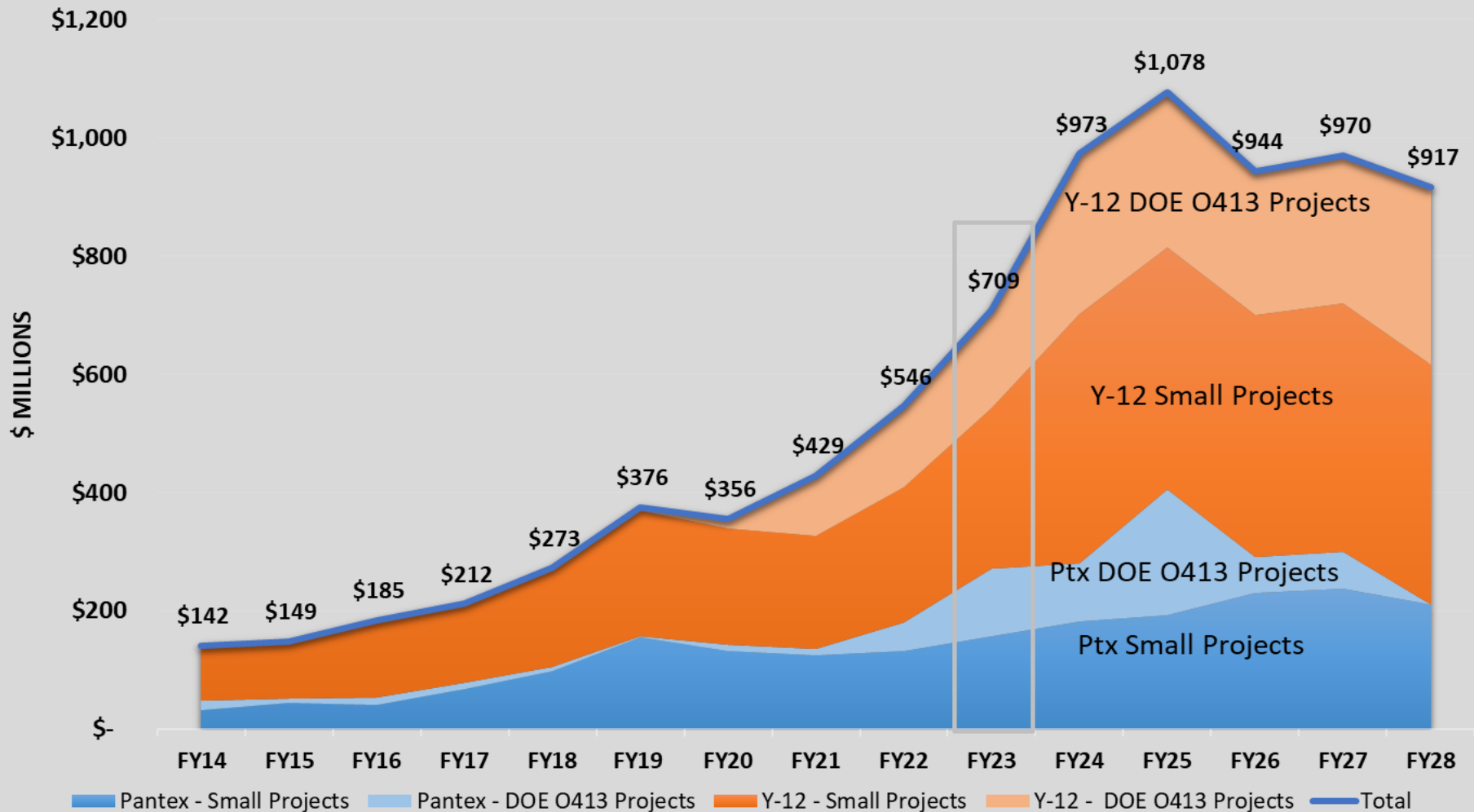
**Erwin Vargas**

Business Manager, CNS Project Management

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



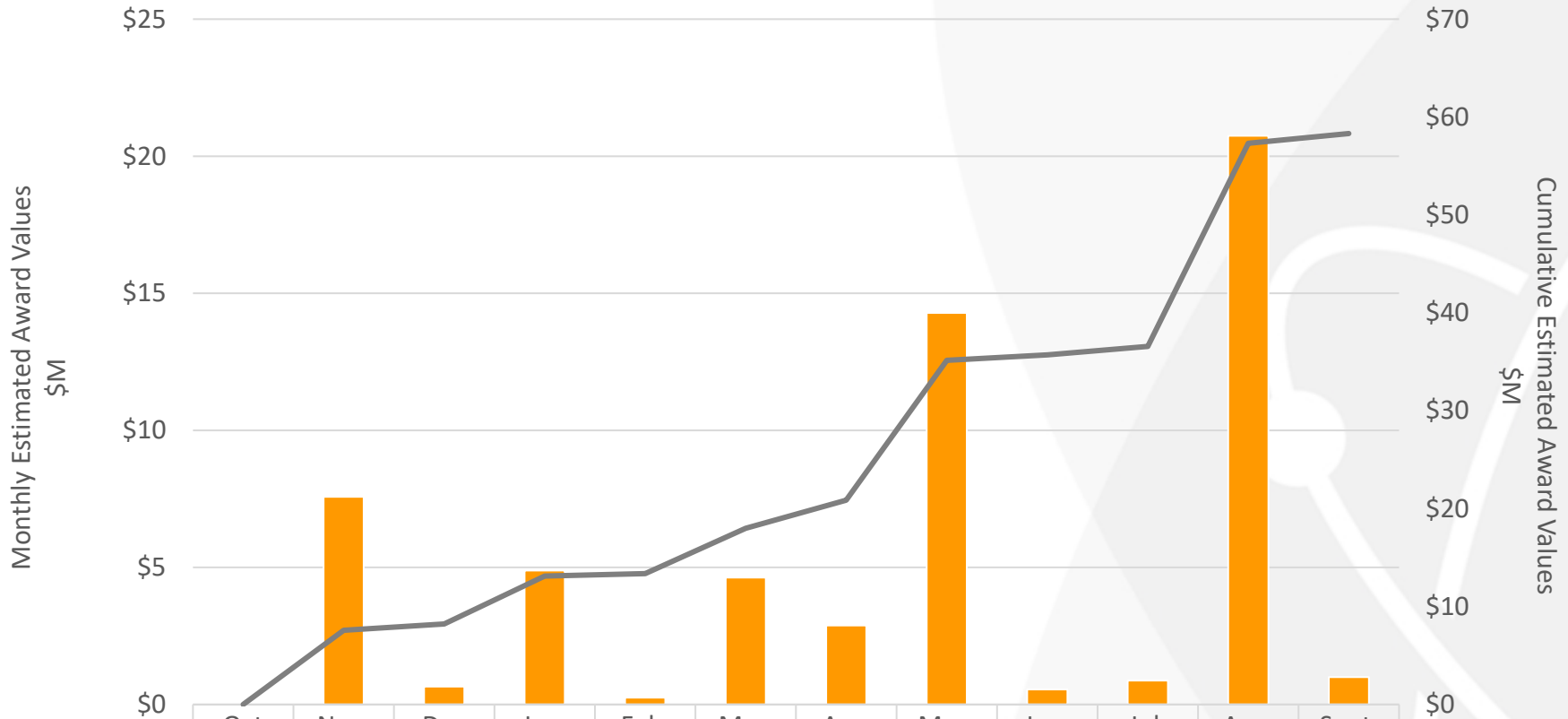
# CNS Project Workload



\*Does not include UPF, MSF, or ARCCC.<sup>11</sup>

# Upcoming FY 24 Awards - *Pantex*

- \$79M Total Projected for FY23
- \$58M Total Projected for FY24



	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sept 2024
Monthly Award \$	\$0.0	\$7.6	\$0.7	\$4.9	\$0.3	\$4.6	\$2.9	\$14.3	\$0.6	\$0.9	\$20.7	\$1.0
Cum Planned \$	\$0	\$8	\$8	\$13	\$13	\$18	\$21	\$35	\$36	\$37	\$57	\$58
# Awarded	-	6	1	4	1	4	2	7	3	2	4	1
Cum # Awarded	0	6	7	11	12	16	18	25	28	30	34	35

# FY24 Awards - *Pantex*

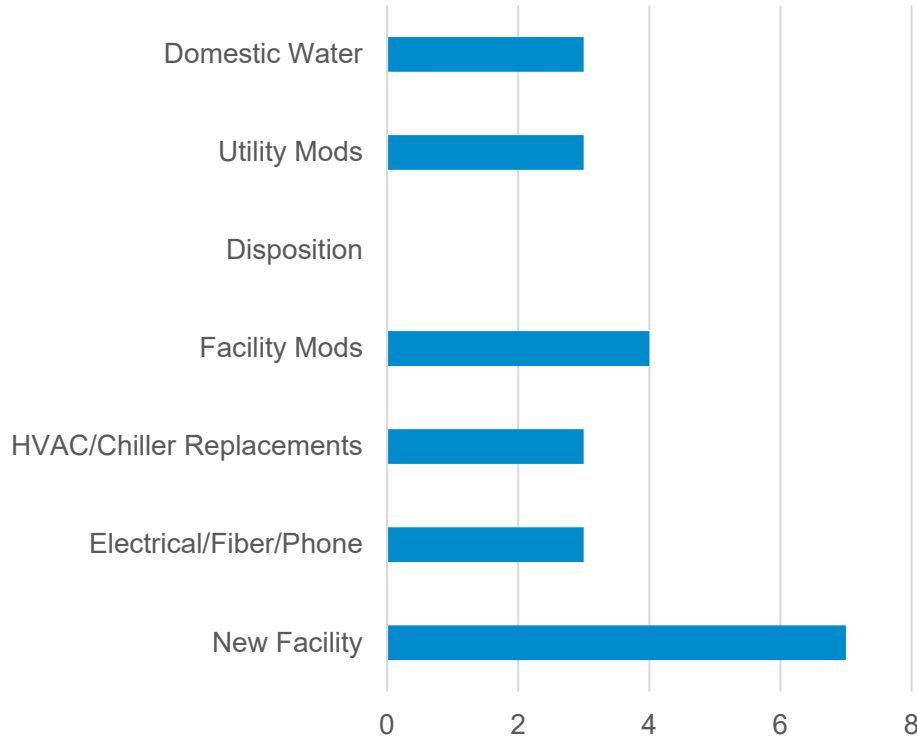
Discipline	Forecasted Award Date	\$ Estimation
Construction Contract	Q1	\$1M-\$5M
Design/Build	Q1	\$250K-\$1M
Construction Contract	Q1	\$250K-\$1M
A/E Design	Q1	\$150K-\$500K
Construction Contract	Q1	\$1M-\$3M
Det-Tronics	Q1	\$250K-\$1M
Construction Contract	Q1	\$250K-\$1M
RAMS Title III	Q2	\$150K-\$500K
A/E Design	Q2	\$1M-\$3M
Construction Contract	Q2	\$1M-\$3M
Construction Contract	Q2	\$1M-\$3M
A/E Design	Q2	\$150K-\$500K
A/E Design	Q2	\$250K-\$1M
RAMS Construction Contracts	Q2	\$1M-\$3M
Construction Contract	Q2	\$1M-\$3M
A/E Design	Q2	\$150K-\$500K

# FY24 Awards - *Pantex*

Discipline	Forecasted Award Date	\$ Estimation
Construction Contract	Q3	\$200K-\$500K
Construction Contract	Q3	\$1M-\$3M
FDS Release Funding	Q3	\$1M-\$3M
Construction Contract	Q3	\$3M-\$5M
A/E Design	Q3	\$200K-\$500K
Construction Contract	Q3	\$2M-\$4M
Construction Contract	Q3	\$2M-\$4M
Construction Contract	Q3	\$200K-\$500K
Construction Contract	Q3	\$200K-\$500K
FDS Title III	Q3	\$200K-\$500K
FDS Title III	Q3	\$200K-\$500K
A/E Design	Q3	\$200K-\$500K
Construction Contract	Q4	\$200K-\$500K
Det-Tronics	Q4	\$200K-\$500K
HPFL Title III	Q4	\$50K-\$200K
A/E Design	Q4	\$200K-\$500K
Design/Build	Q4	\$15M-\$20M
Construction Contract	Q4	\$200K-\$500K
Construction Contract	Q4	\$1M-\$3M

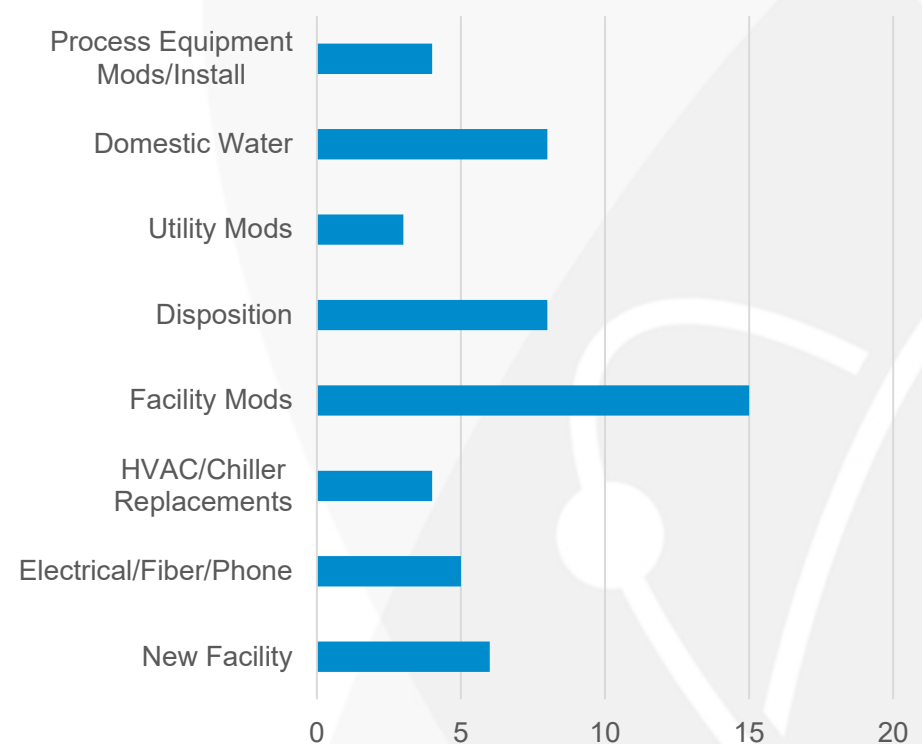
# FY24-26 Projected Awards\* - Pantex

## FY24-26 A/E Designs Opportunities



**Projected Total - 23**

## FY24-26 Construction Opportunities



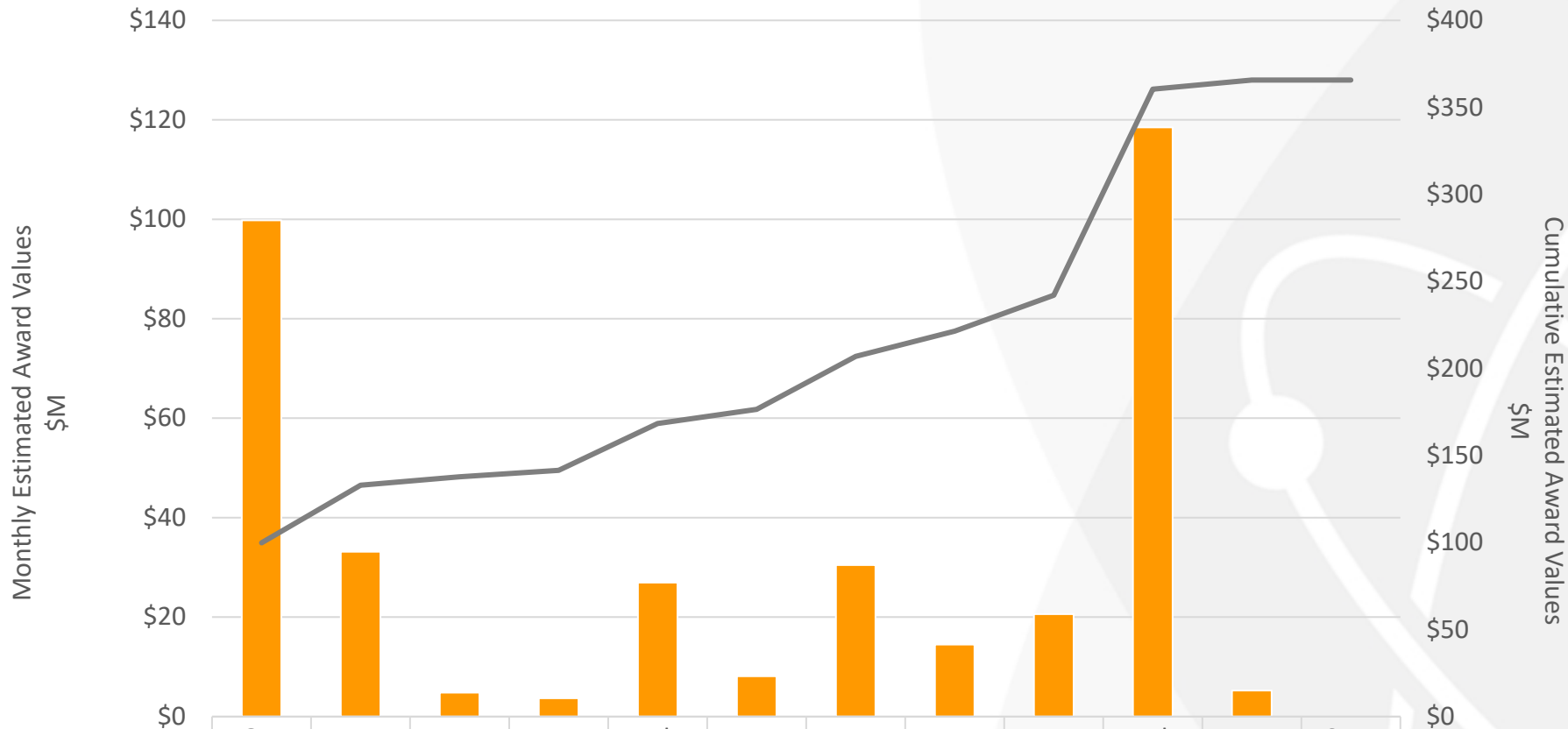
**Projected Total - 53**

### FY24 Procurements include:

- Expanded Design/Build opportunities:
  - Environmental Sampling Facility (\$15M-\$20M) RFP projected April 2024
- HVAC Replacements (\$2M-\$5M)
- Utility Modifications (\$2M-\$5M)

# Upcoming Awards - Y12

- \$121M Total Projected for FY23
- \$336M Total Projected for FY24



	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sept 2024
Monthly Award \$	\$100	\$33	\$5	\$4	\$27	\$8	\$30	\$14	\$21	\$118	\$5	\$0
Cum Planned \$	\$100	\$133	\$138	\$141	\$168	\$177	\$207	\$221	\$242	\$360	\$366	\$366
# Awarded	8	6	4	6	7	7	8	5	5	8	5	-
Cum # Awarded	8	14	18	24	31	38	46	51	56	64	69	69



# FY24 Awards - Y12

Discipline	Forecasted Award Date	Range
Accusine Meter and Cable	Q1	\$200k-\$500k
175T Chillers and Controls	Q1	\$1M-\$3M
Cooling Tower	Q1	\$1M-\$3M
Air Handler / Dry Wheel Dehumidification Unit	Q1	\$500k-\$1M
Mono Rail Hoist and Trolley	Q1	\$10k-\$100k
Electrolytic Cell	Q1	\$5M-\$10M
Lathes/Mills	Q1	\$60M-\$100M
Furnace Design	Q1	\$200k-\$500k
Design Award	Q1	\$200k-\$500k
Machine Capability Lathe #2	Q1	\$1M-\$3M
e-Beam Welder	Q1	\$2M-\$3M
Installation Award	Q1	\$1M-\$3M
CMM	Q1	\$20M-\$25M
Design/Build Contract	Q1	\$5M-\$10M
Design	Q1	\$1M-\$3M
Contract Award for Hardinge Lathe 2 Fabrication	Q1	\$1M-\$3M
500 Ton Chiller	Q1	\$200k-\$500k
Axis Mill	Q1	\$1M-\$3M

# FY24 Awards - Y12

Discipline	Forecasted Award Date	Range
BOA Design	Q2	\$200k-\$500k
Electrical Equipment	Q2	\$200k-\$500k
Vacuum Chamber Design	Q2	\$1M-\$3M
Lathe 2 Design for Installation	Q2	\$1M-\$3M
Design	Q2	\$500k-\$1M
Drum lifting/hauler equipment	Q2	\$200k-\$500k
Design	Q2	\$1M-\$3M
Demo Award	Q2	\$200k-\$500k
Design	Q2	\$2M-\$4M
Modernization Award	Q2	\$5M-\$10M
Demo	Q2	\$2M-\$5M
Execution	Q2	\$2M-\$5M
MSC Facility Enhancement	Q2	\$5M-\$10M
CMM	Q2	\$1M-\$3M
CMM	Q2	\$1M-\$3M
Design	Q2	\$500k-\$1M
Design Award	Q2	\$250k-\$750k
Design	Q2	\$1M-\$3M
HEPA Filter FE	Q2	\$1M-\$3M
Compactor FE	Q2	\$1M-\$3M

## FY24 Awards - Y12

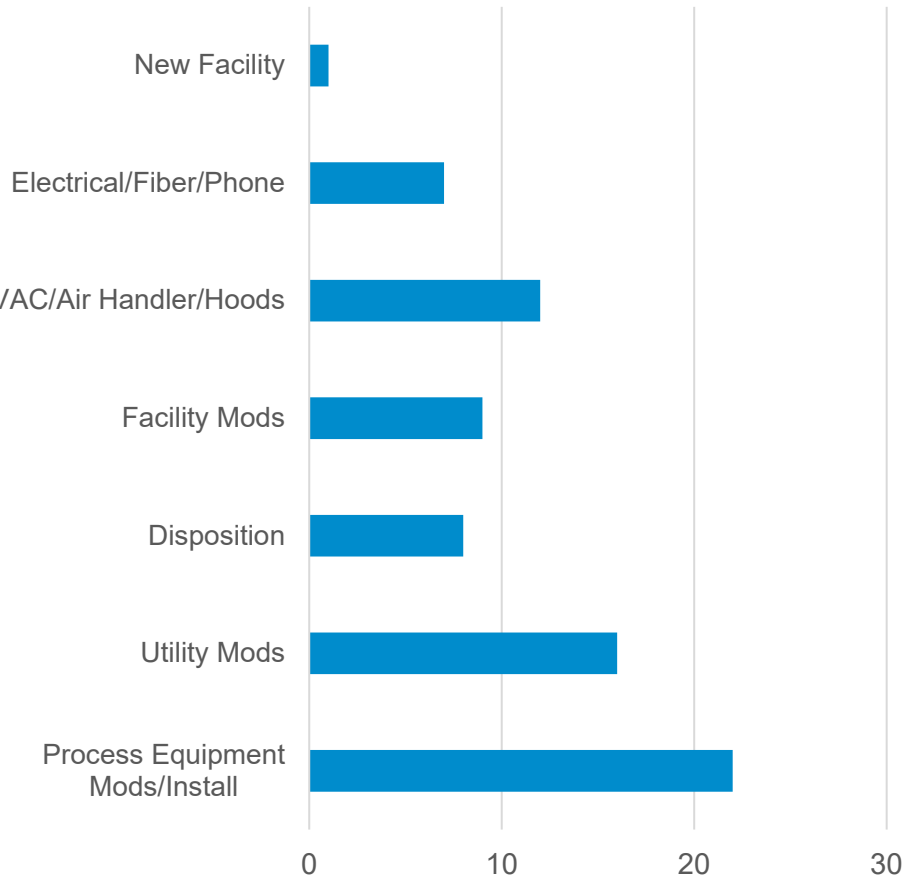
Discipline	Forecasted Award Date	Range
Alumalift	Q3	\$50k-\$100k
Chemical Fume Hoods (3)	Q3	\$50k-\$100k
Tube Furnace	Q3	\$200k-\$500k
Demo BOA Contract Award	Q3	\$500k-\$1M
PLC/HMI BE	Q3	\$200k-\$500k
Glovebox Procurement FE	Q3	\$2M-\$4M
Install Design	Q3	\$1M-\$3M
Furnace / Recirculation	Q3	\$20M-\$25M
Installation Subcontract	Q3	\$10M-\$15M
Vacuum Oven	Q3	\$50k-\$100k
Design	Q3	\$2M-\$4M
Execution	Q3	\$2M-\$4M
HUP Hot Ton Press	Q3	\$10M-\$15M
Special Cart Tube	Q3	\$50k-\$100k
Execution	Q3	\$2M-\$4M
Pencil Ingot Lathe	Q3	\$1M-\$3M
Design	Q3	\$500k-\$1M
Evaporator/Dryers Fabrication	Q3	\$10M-\$15M
Gloveboxes Fabrication	Q3	\$50M-\$100M
HMG Furnance and Reactor Vessel Fabrication	Q3	\$25M-\$35M

# FY24 Awards - Y12

Discipline	Forecasted Award Date	Range
Design	Q4	\$200k-\$500k
Construction Pre-Buys	Q4	\$1M-\$3M
Design	Q4	\$500k-\$1M
Design	Q4	\$200k-\$500k
Furnace / Recirculation	Q4	\$1M-\$3M
Backfill Station	Q4	\$200k-\$500k
Graphite Drying Oven	Q4	\$1M-\$3M
Switchgear	Q4	\$500k-\$1M

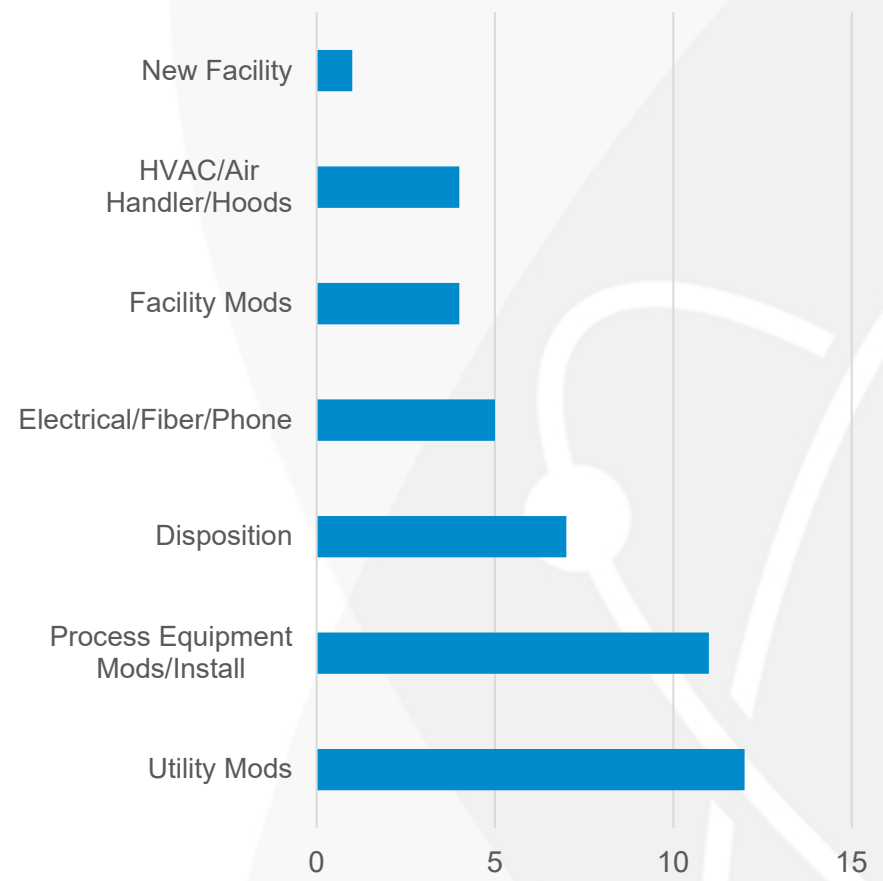
# FY24-26 Projected Awards\* - Y12

## FY24-26 A/E Design Opportunities



**Projected Total - 75**

## FY24-26 Construction Opportunities



**Projected Total - 44**



## Question & Answer

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



## Subcontracting Opportunities with Kiewit

**Jason Eaton**

Director, Nuclear Supply Chain

Kiewit Nuclear Solutions





**Kiewit**

# LPF-LITHIUM PROCESSING FACILITY

CONTRACTOR ACCESS TO KIEWIT EXECUTION

AUGUST 10, 2023



# LITHIUM PROCESSING FACILITY

**SCOPE: Kiewit is the Construction Manager At Risk to provide constructability reviews and then construct the Lithium Processing Facility on Y-12. Currently finishing 60% design review and expect to move into 90% estimate work early CY24.**

## **Specialty Subcontractors**

- 3<sup>rd</sup> Party Electrical Testing
- PEB / Arch Finishes / Plumbing
- Communications and Security
- Concrete Pumping
- Fencing/Guardrail
- Fiber Terminations
- Fire Proofing
- Fire Protection and Detection
- HVAC
- Heat Trace
- Insulation
- Lightning Protection
- NDE
- Painting and Coating
- Paving – Asphalt / Concrete
- Survey

## **COMMODITIES**

- Civil Bulks – Aggregates, Concrete, erosion control, etc.
- Piping Bulks – HDPE, DI, Copper
- Electrical Bulks – Conduit, Cable Tray, Wire and Cable, etc.

## **Fabricated Equipment and Materials**

- Chillers, Pumps, Compressors, Shop Fab Tanks, etc.
- Transformers, Switchgear, etc.
- Water Treatment System
- X-Ray Machine
- Glove Boxes
- Ductwork
- Fabricated Pipe
- Structural Steel



## Question & Answer

***Please Submit Questions Using Index Cards  
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## **CNS Procurement Forecast**

**Rick Hillert**

Senior Director, CNS Supply Chain Management

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



## FY23 Procurement Opportunities: Pantex

Project	Comp Type	Est Price	Est Date
Axis Mill (facility modification)	Small Business Set-aside	\$250K-\$1M	Q4 FY23
CNC Saw Replacement (facility modification)	Small Business Set-aside	\$250K-\$1M	Q4 FY23
Special Tooling Nexus Mill	Small Business Set-aside	\$250K-\$1M	Q4 FY23
Generator Load Bank	Small Business Set-aside	\$1M-\$10M	Q4 FY23
Rotoclone System Replacement	TBD	\$1M-\$10M	Q4 FY23
Analytical Gas Laboratory	Full & Open	\$10M-\$20M	Q2 FY24
New Environmental Sampling Facility	Full & Open	\$10M-\$20M	Q2 FY24

## FY23 Procurement Opportunities: Y-12

Project	Comp Type	Est Price	Est Date
175T Chillers & Controllers	Full & Open	\$25K-\$1M	Q4 FY23
General Electrical Upgrade	Full & Open	\$200K - \$3M	Q1 FY24
Electropolisher	Full & Open	\$10K - \$100K	Q1 FY24
Furnace Design	Full & Open	\$200K - \$500K	Q1 FY24
Fire & Portable Water Design	Full & Open	\$200K - \$500K	Q1 FY24
Training Center Installation	Full & Open	\$1M - \$3M	Q1 FY24
A2 Wing Decoupling Design	Full & Open	\$1M - \$3M	Q1 FY24
Glovebox Procurement	Full & Open	\$1M-\$10M	Q2 FY24

# Additional Forecast Details

CNS Procurement provides the forecast of subcontracting opportunities for FY2023.

- These requirements may be revised or canceled, 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 (Pantex)

procurement@y12.doe.gov (Y-12)

## Working with CNS

- All offerers must be registered with the System for Award Management (SAM.) Offerers not registered will be ineligible for award.
  - SAM registrations have to be renewed annually
  - To register or renew: <https://www.sam.gov> or 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 APEX Accelerator (formerly Procurement Technical Assistance Center) and Small Business Development Centers.
- Ensure your company information is in the Small Business Administration Dynamic Small Business Search
- Provide a one-page capability statement
- Visit the CNS, Pantex, and Y-12 websites
- Know the CNS mission and how your business can support it



## Question & Answer

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





## Final Comments

**Rick Hillert**

Senior Director, CNS Supply Chain Management

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



# Small Business Program Managers

## **Pantex Plant**

Randy Crawford  
Randy.Crawford@pxy12.doe.gov

## **Y-12 National Security Complex**

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