

# Nashville District Section 212 Program Customer Funding Progress Report

Jamie G. James, P.E., PMP

March 2015



US Army Corps of Engineers  
**BUILDING STRONG**®

# Nashville District Section 212 Program

## 1. Program Update

- A. Financial
- B. Projects
- C. Work Item Changes
- D. L-T MOA Draft SA#6
- E. S-T MOA Status

## 2. Corps Work Processes

- A. Work Processes Overview
- B. Lessons Learned On Large Contracts
- C. Program Process Updates



# Program Update

## Financial Update – as of February 28, 2015

<b>Legacy MOA</b>	
Funds Received	\$45,000,000
Unobligated Project Funds	\$5,514,486
Emergent Work Funds	\$12,458,709

<b>Long-Term MOA</b>	
Funds Received	\$117,432,233
Unobligated Project Funds	\$51,140,662
Emergent Work & Reserve Funds	\$15,243,000

•Unobligated Funds – budgeted and allocated to specific projects but not obligated to construction projects or expended for project labor at the time of report.



# Program Update

## Project Updates

- Center Hill Major Hydropower Rehabilitation

- Project is on plan. Contractor anticipates beginning disassembly of the first unit in August 2015.



- Barkley Crane

- Completing plans and specifications for trolley replacement.
- September 2015 contract award scheduled.



- Old Hickory Unit #4

- Completing plans and specifications for rewind and realignment.
- Construction funds are in draft L-T MOA SA#6.
- Advertise in February 2016.



**BUILDING STRONG®**

# Program Update

## Project Updates

- Barkley Unit #3
  - Bearing failure in Kaplan Head.
  - Metallurgical testing and report underway.
- Old Hickory Hydropower Rehabilitation Analysis Report
  - Staffed in March 2015.
  - Project kickoff meeting pending.



# Program Update

## Work Items Closed

System-Wide Excitation Planning	Completed
Wolf Creek Unwatering Pumps	Completed
Old Hickory Cooling Water Piping	Obtained O&M Funds
System-Wide Switchyard Assessment	Completed
System-Wide Circuit Breakers	Completed
System-Wide Main Power Transformers PED	Completed
Old Hickory Powerhouse Crane	Completed
Barkley Unit #1 Rewind	Completed



# Program Update

## Work Items Revised

Barkley Crane	Scope and Budget
Center Hill MV Cables	Scope and Budget
Laurel Unit #1 Assessment	Scope and Budget

## New Work Item

Type T and Type U Transformer Bushing Replacement (BAR, COR, LAU)	O&M Funds at 2 Plants, Program Funds at 1 Plant
---	--

## Project Work Items Starting This Year

Wolf Creek/Dale Hollow/Center Hill Intake Lifting Equipment	March 2015
DC Systems Engineering & Design	March 2015
Wolf Creek Hydropower Rehabilitation Analysis Report	May 2015



# Program Update

## L-T MOA Sub-Agreement #6 (\$25M)

Old Hickory Unit #4 Repair (\$15M)

Wolf Creek Station Service System Rehab (\$4.3M)

Wolf Creek Penstock/Water Passages Repair (\$4.6M)

Program Management (\$1.1)

## Short-Term Memorandum of Agreement (\$25M)

Near resolution of HQ questions

Working with TVA and TVPPA to finalize MOA wording

Draft Sub-Agreement #1 for discussion with TVA and TVPPA





# Corps Work Processes

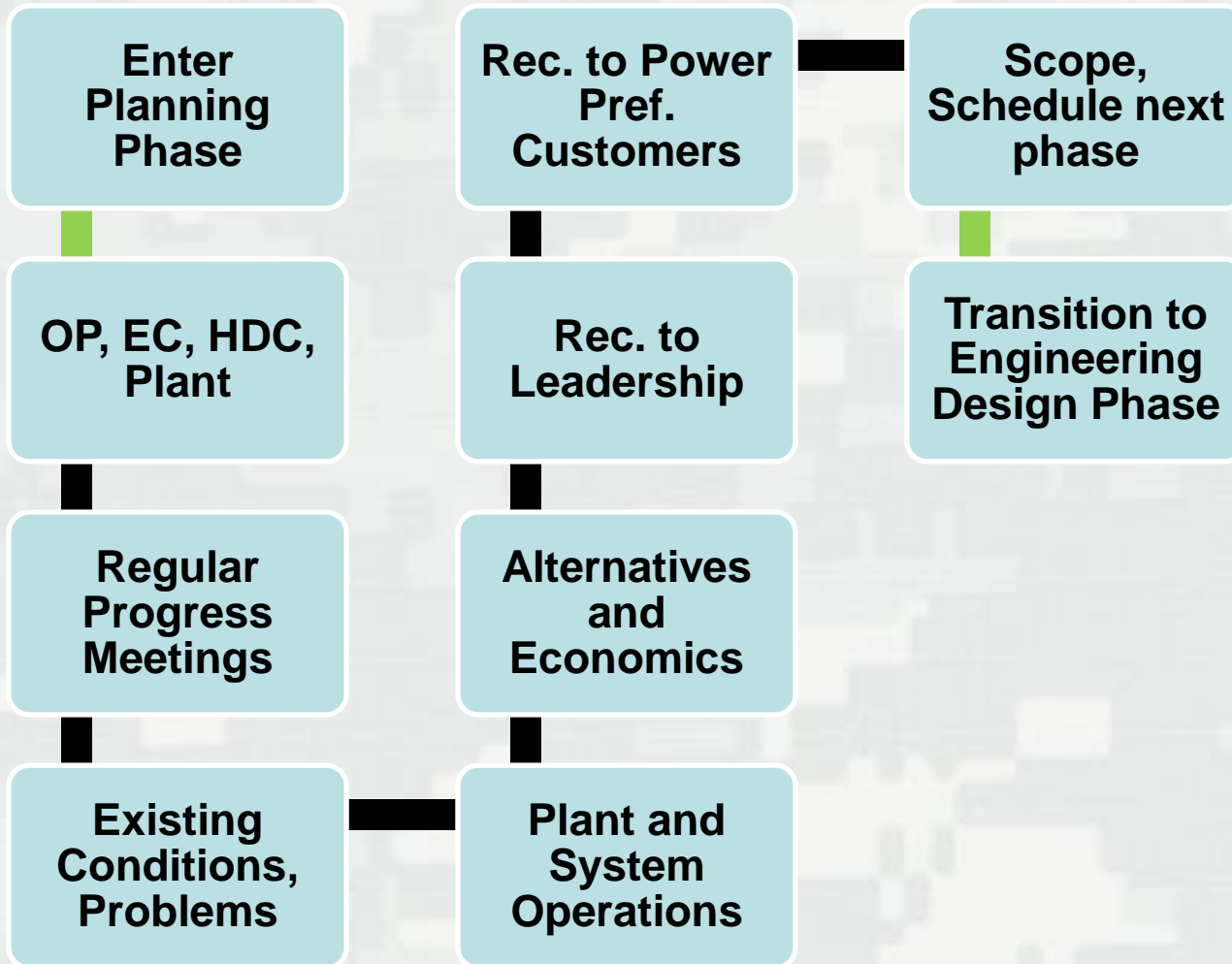
1. Work Processes Overview
2. Lessons Learned On Large Contracts
3. Program Process Updates



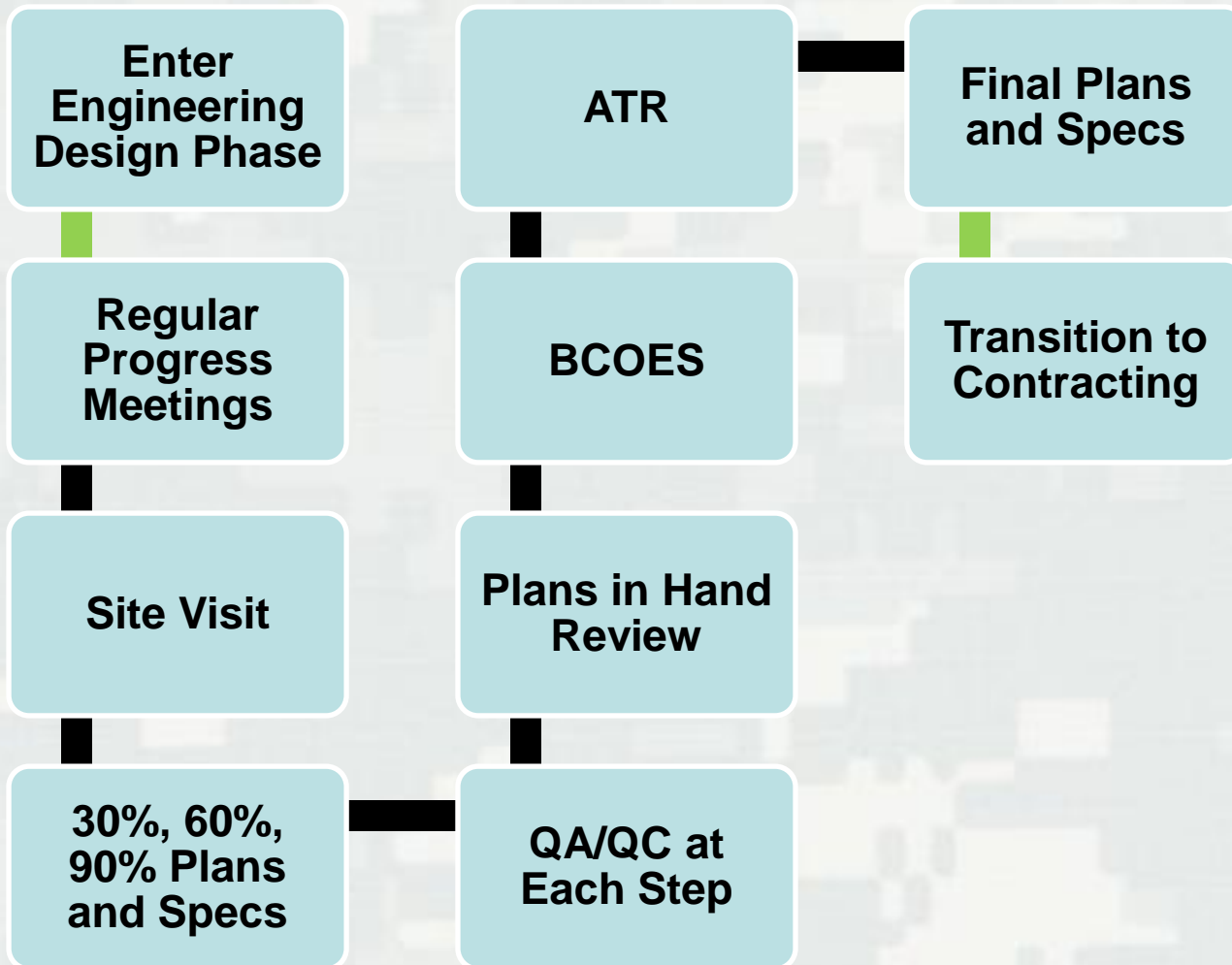
**BUILDING STRONG®**



# Corps Work Processes

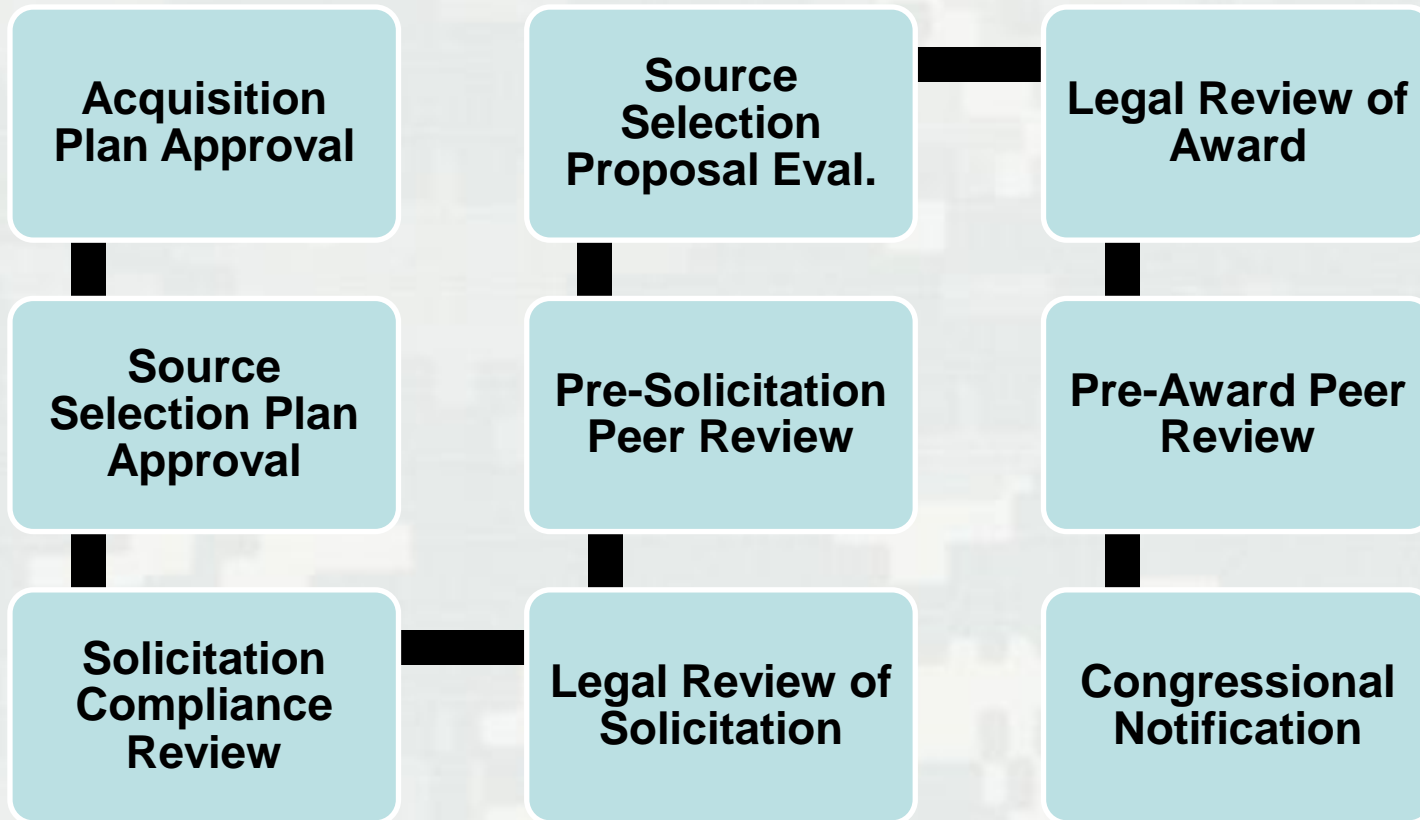


# Corps Work Processes



# Corps Work Processes

## Contracting



# Contracting Corps Work Processes

<b>Contracts Under \$50M</b>	<b>Business Days</b>	<b>Contracts Over \$50M</b>	<b>Business Days</b>
<b>Prior to Solicitation</b>		<b>Prior to Solicitation</b>	
Informal Acquisition Plan Approval*	5	Formal Acquisition Plan Approval (PARC)*	40
Source Selection Plan Approval*	10	Source Selection Plan Approval*	10
<b>Solicitation</b>		<b>Solicitation</b>	
Solicitation Compliance Review	2	Solicitation Compliance Review	2
Legal Review of Solicitation	10	Legal Review of Solicitation	10
Pre-Solicitation Peer Review (BOB)**	10	Pre-Solicitation Peer Review (PARC)**	15
<b>Award</b>		<b>Award</b>	
Source Selection Proposal Evaluation***	21	Source Selection Proposal Evaluation***	21
Legal Review of Award	10	Legal Review of Award	10
Pre-Award Peer Review (BOB)**	10	Pre-Award Peer Review (PARC)**	15
Congressional Notification	3	Congressional Notification	3
<b>Estimated Total Business Days</b>	<b>81</b>	<b>Estimated Total Business Days</b>	<b>126</b>

\* These approvals are once the documents have started routing around for signature. Any back and forth iterations can also add additional time for review. The Formal Acquisition Plan approval is once the PARC receives the plan for their review and approval.

\*\*These are optimal timeframes. Any back and forth iterations can add additional time for the reviews.

\*\*\*This can also depend on the number of proposals received and whether discussions or negotiations are held.



# Corps Work Processes

## Contracting Lessons Learned for Large Projects

1. **One Time Item** Funding issues resolved with regards to proper regulations that apply to a non-traditional Corps Project (continuing contract). The funding issue for Center Hill took approximately 8 months to resolve, engaging Policy Division, PARC Counsel and Office of Chief Counsel, Washington, DC. Path forward will apply to all future projects with no delay. Equates to **8 months of time savings**.

2. **Administrative Processes** For all future PEER reviews, technical experts will be staffed with HDC Personnel due to the expertise that resides with the agency. **Estimated time savings 4 months**. Ensure to the best of our ability original PEER Review members have sufficient time remaining on duty station to ensure a comprehensive and non-disruptive process.

3. **Method of Acquisition** The Solicitation Package in the past has been acquired throughout the United States by means of using Commercial Item type, Service and Supply type and Construction packages. Decision process took nearly 1 year to lock Center Hill into Construction. This has been proven method and the preferred method of acquisition. This process will not apply to future acquisitions. **Estimated time savings 9 months**.

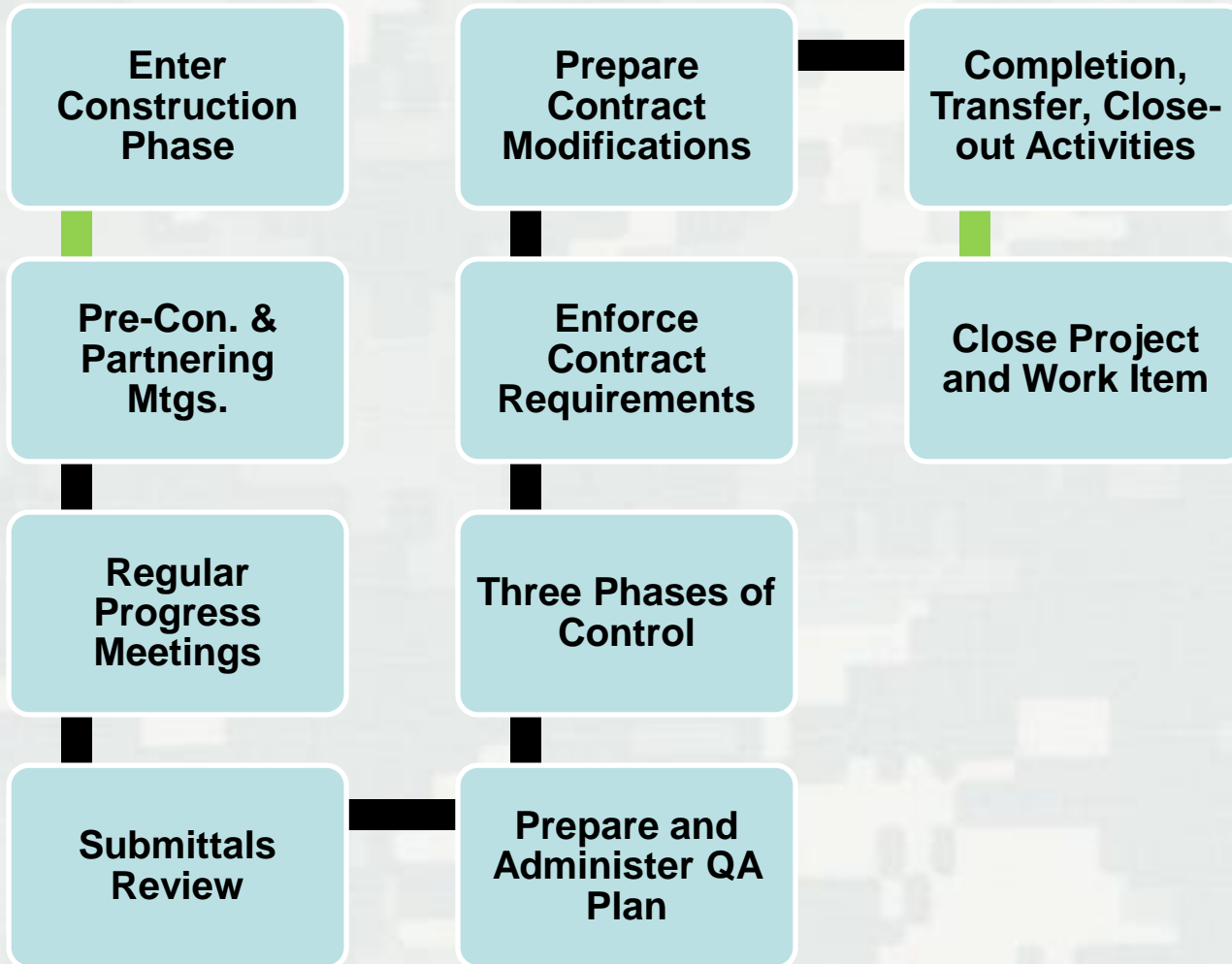
4. **Types of Contracts** Due to the decision made in Item #1 by the office of Chief Counsel over funding, two types of Acquisition Package are recommended and available for use:

A. Fully Funded Firm Fixed Price Construction/ cover entire contract with funds available for modifications during performance. (Preferred)

B. Base Contract Firm Fixed Price Construction with Options to be exercised when funding becomes available.



# Corps Work Processes





# Corps Work Processes

## Ballot to Close Work Item

**Final  
documentation:  
As-Builts, O&M  
Manuals,  
Records, etc.**

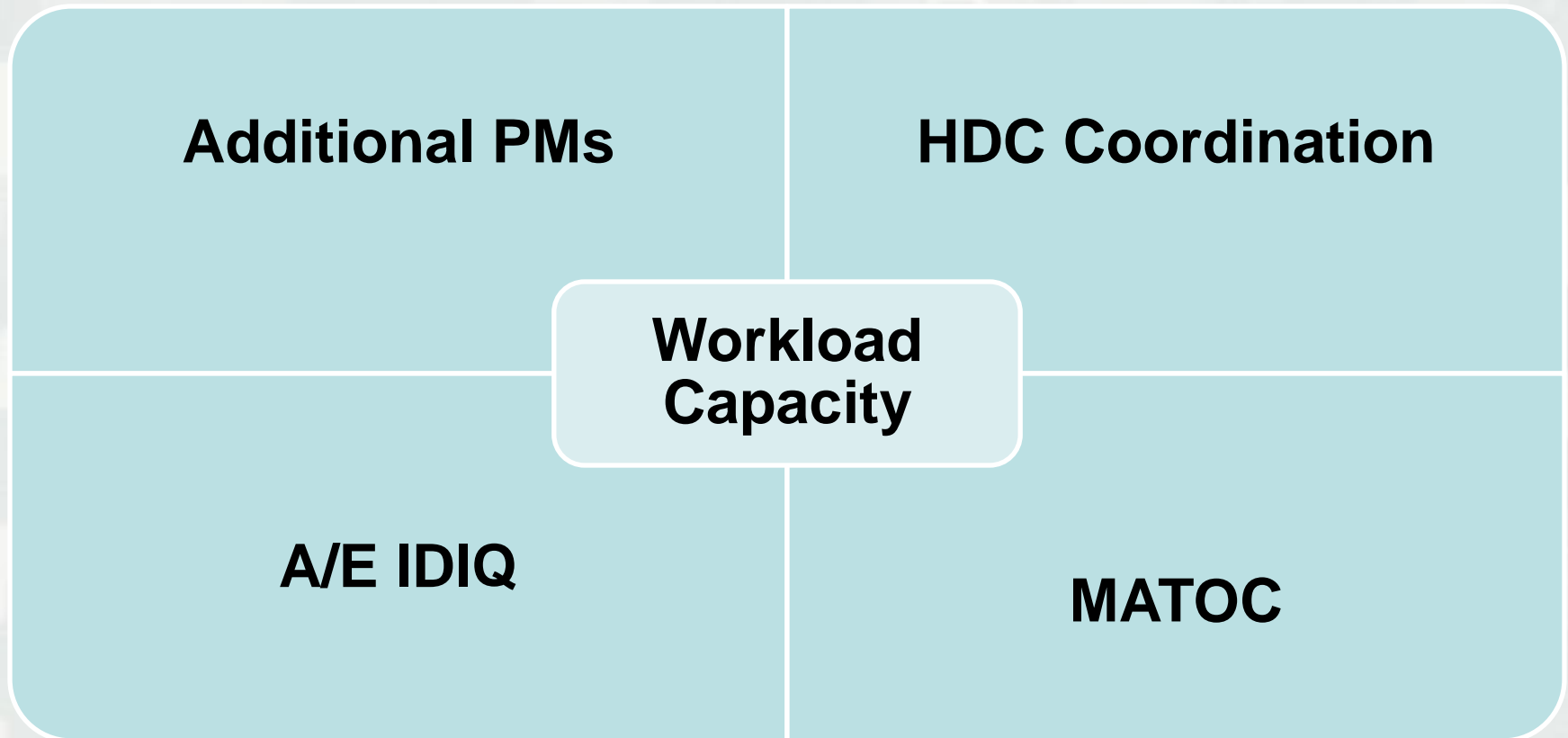
**Close Contract:  
Final Payment  
and Release of  
Claims**

**Work Item:  
Financial  
Closure, Project  
Completion  
Report**



# Corps Work Processes

## Program Process Updates



# Corps Work Processes





---

**BUILDING STRONG®**