

Houston Comprehensive Engineering Consultant Contracts – Workflow and Tracking 2024 PEPS Conference

Andrea Ranft, P.E., Thuy Luong, P.E. (TxDOT)

David Balmos, P.E. (WSB), LeAnne Napolillo, P.E. (HNTB)

Moderator John Mosaffa, P.E.



Presentation Topics

1

Why - Background Information

2

What - Review Tool

3

How - Implementation

Why - Background Information

Why - Problem Definition



CEC Contract Type

- Large contracts
- Broad Scope
- Quick response assignments
- Need for transparency



CEC Work Assignments

- Managed by multiple TxDOT WA PMs
- Work assignment requests from multiple sources



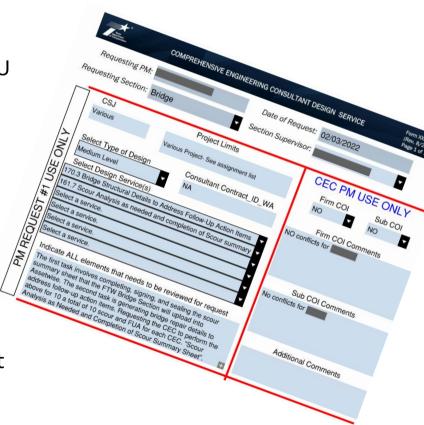
Accountability

- Document Assignment
 - Request for Work
 - o Scope
 - Level of Effort
 - Approval before work performed
- Monitor responsiveness during task assignment negotiations
- Monitor assignment budget status



Why is Tool Needed?

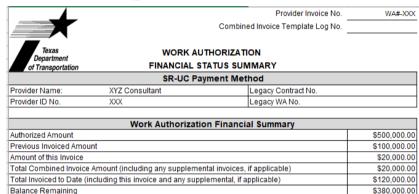
- HOU selected 8 consultants / 5 dedicated to HOU
- Data Review: Ft Worth system
 - Documents scope/level of effort agreement
 - Tracks per assignment
- HOU Tool Purpose
 - Automated task assignment and approval process
 - Contract, work authorization and assignment monitoring and reporting





Task Assignment Monitoring

- PS-CAMS tracks at contract and WA level
- PEPS Invoice Template
 - Provides for invoice by Task
 - Tracks at WA level
- HOU Tool: Monitor at Task Assignment Level
 - Approve LOE
 - Track invoice effort
 - Identify unused task effort (\$\$) and return to WA



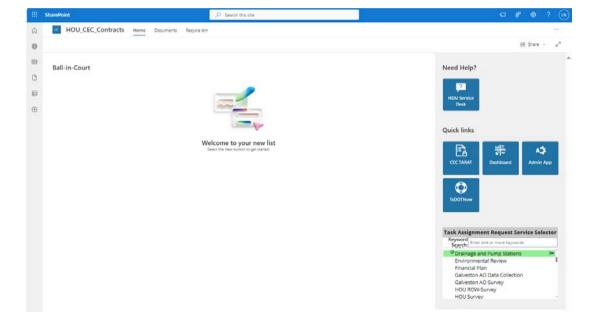
Assignment 005						
	Assigned		Invoiced		Remaining	
Prime	\$	63,465.66	\$	26,583.08	\$	36,882.58
Sub1	\$	83,604.58	\$	33,190.61	\$	50,413.97
Sub2			\$	-	\$	-
Sub3	\$	27,159.58	\$	11,469.12	\$	15,690.46
Sub4			\$	-	\$	-
Total	\$	174,229.82	\$	71,242.81	\$	102,987.01

What - Review Tool



CEC Sharepoint Tool

- Task Assignment Request and Approval Tool
- Dashboard





What - System Requirements

- Built and hosted on TxDOT Sharepoint Site
 - Maintained by TxDOT
 - PowerBI coordinated with ITD
- Access Control
 - Consultant can only see their own information (LOEs/invoices)
- Requires Active –C account
 - Does not require TxDOT laptop
 - Does not work with -O account
 - Requires PowerApp license
 - CEC Email Address for notifications

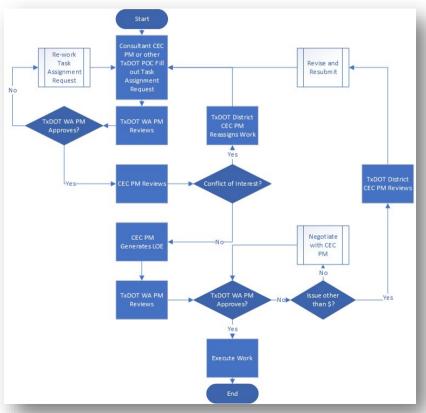


Process Administration - TxDOT

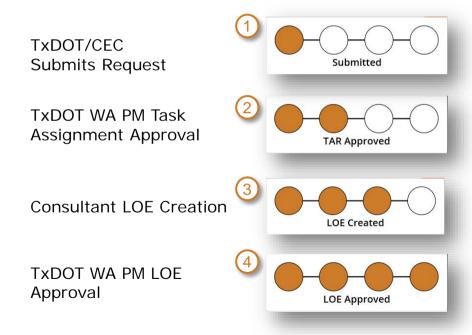
- Update contracts (supplemental agreements)
- Add/Update Work Authorizations
- Add/Update Scopes, Work Types
- Add/Update Firms
- Add/Update CSJs



CEC Task Assignment Request and Reporting Process

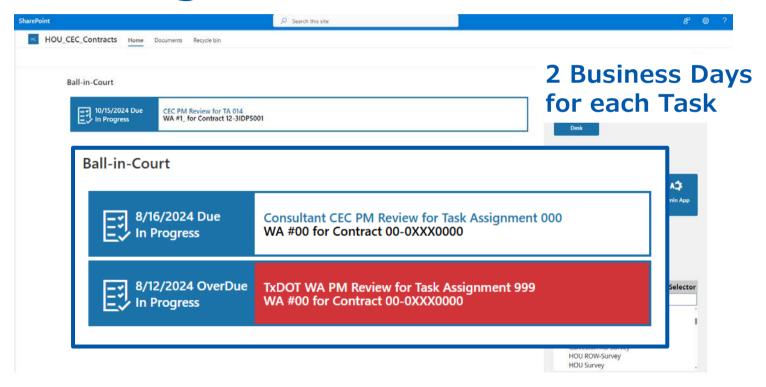


4-step review/approval process



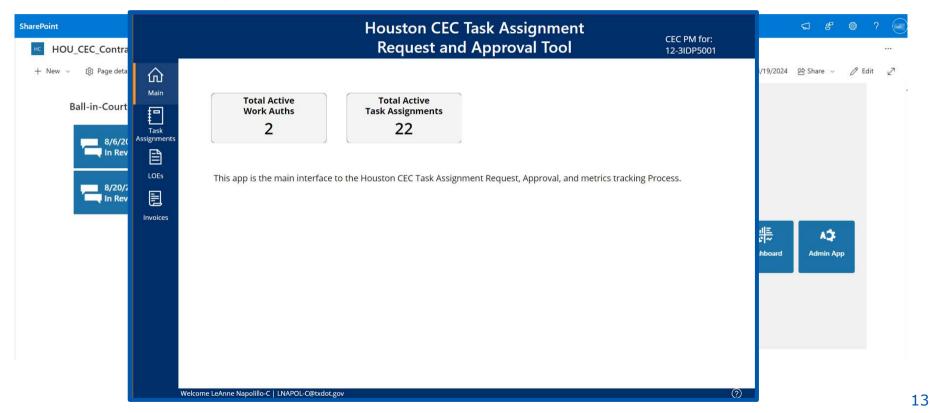


Home Page



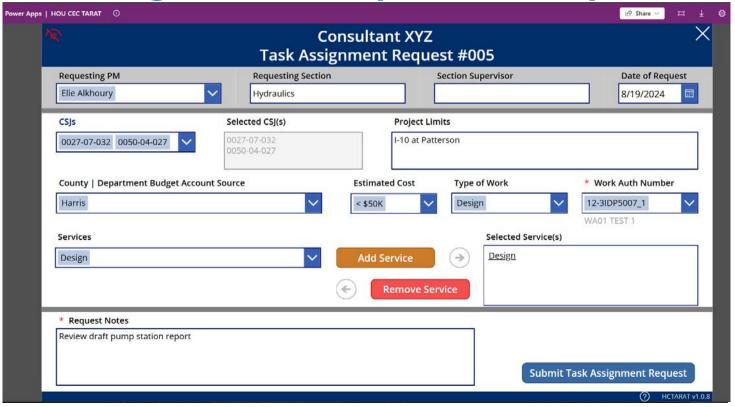


Task Assignment Request Process App



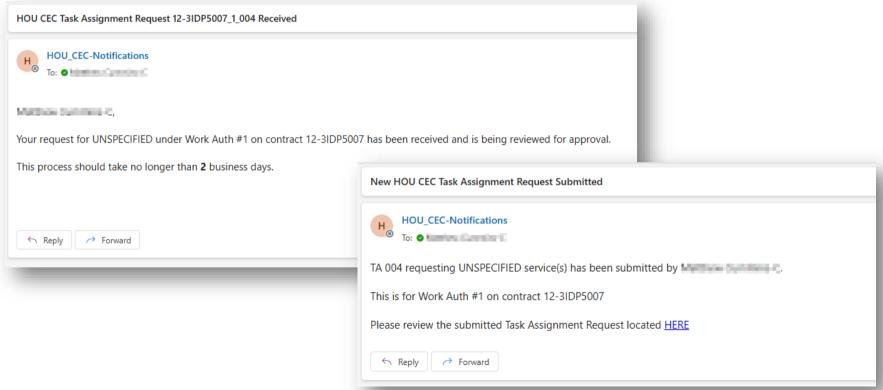


Task Assignment Request - Step 1



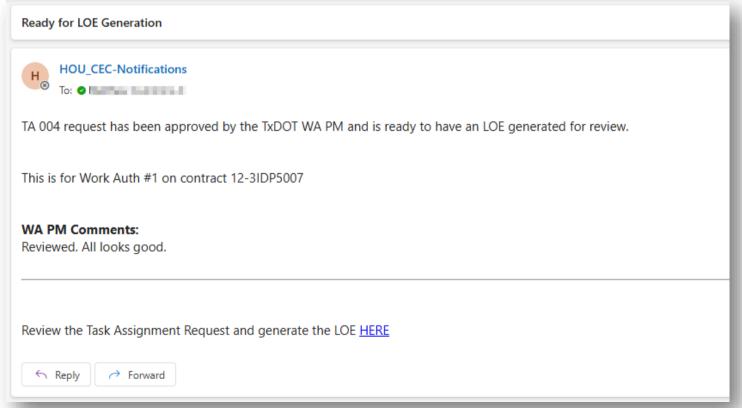


Task Assignment Email Notifications



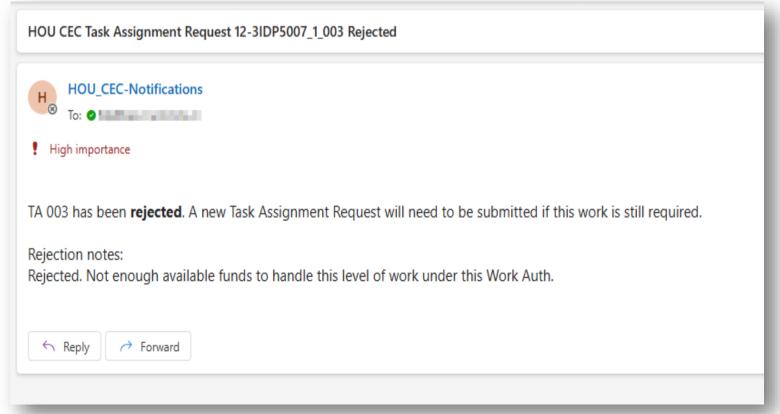


Task Assignment Request Review – Step 2



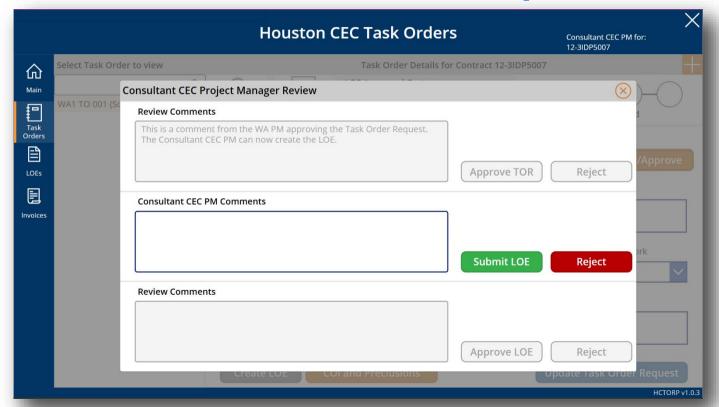


Task Assignment Request - Rejection



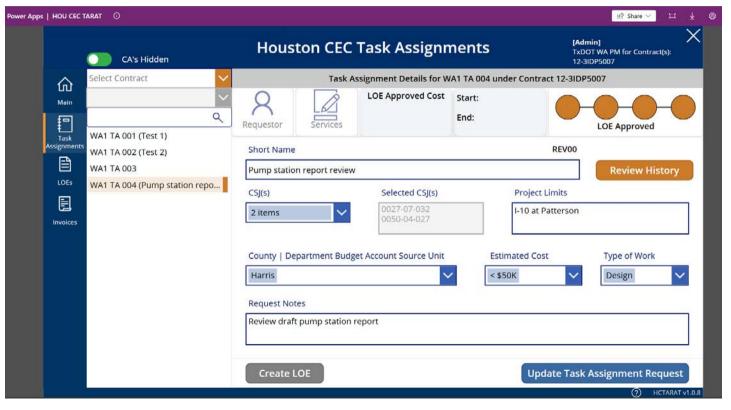


Submit Level of Effort – Step 3



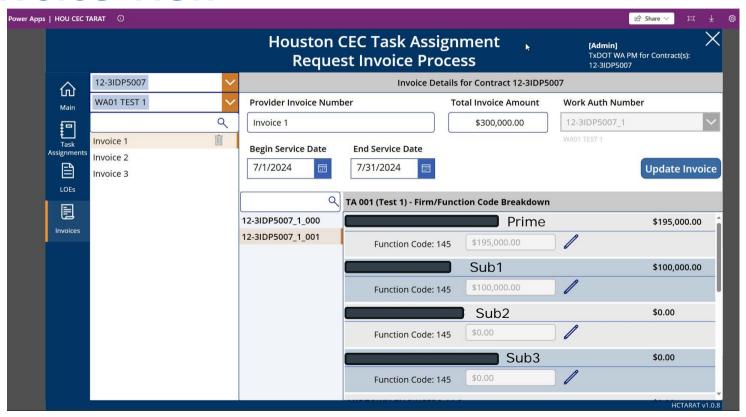


Task Assignment Request (LOE Approved)





Invoice View



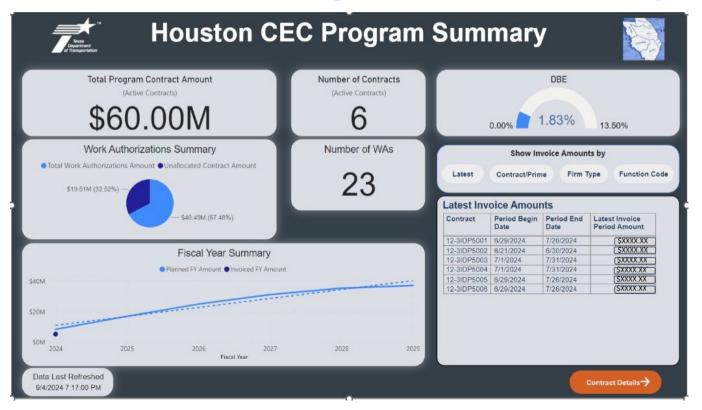


Dashboard

- Created to monitor program
- Shows data for:
 - Overall program
 - Contracts
 - Work Authorizations
 - Task Assignments
- Access Control:
 - TxDOT WA PM has access to their WA
 - CEC PM can only see their contract info

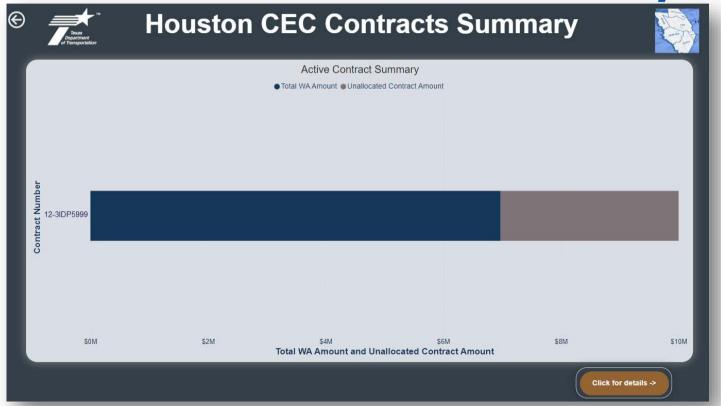


Dashboard - Program Summary



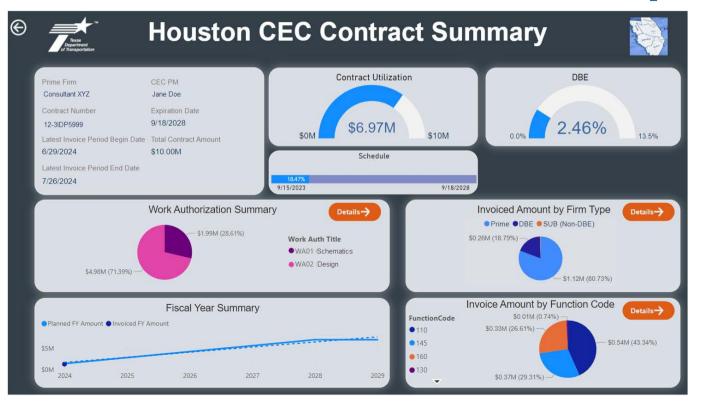


Dashboard - Contract Summary



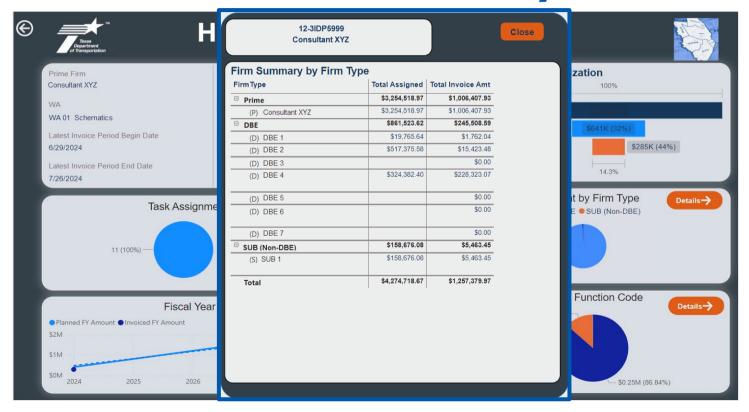


Dashboard - Contract Summary



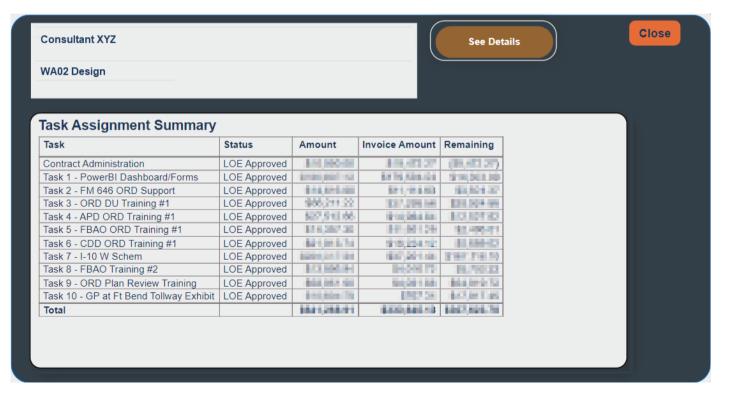


Dashboard - WA Summary



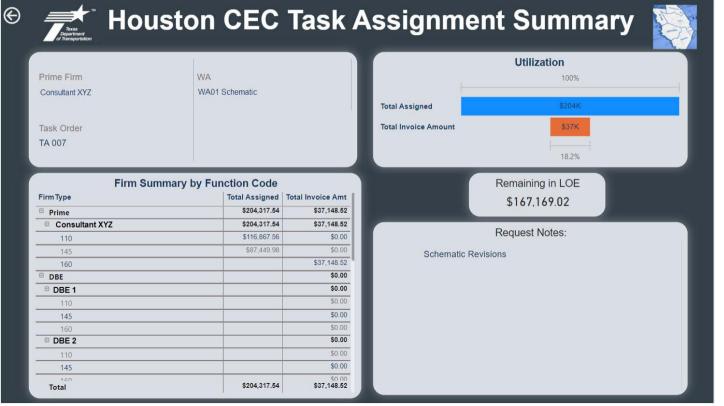


Dashboard - Task Assignment Summary



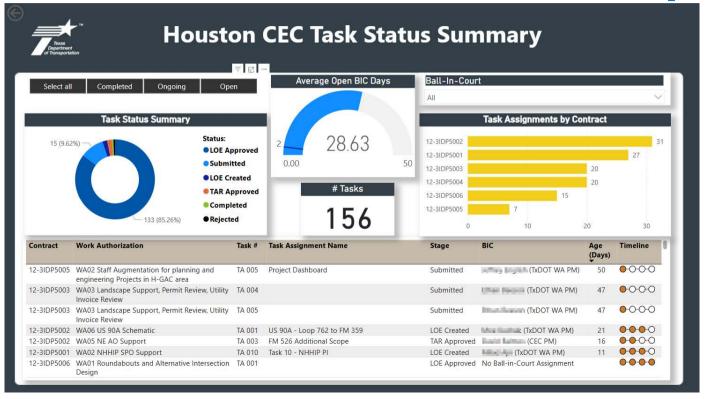


Dashboard - Task Assignment Summary





Dashboard - Task Status Summary

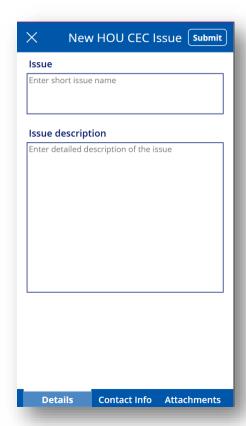


How - Implementation



Implementation

- In person training for TxDOT and CEC PMs
- CEC PM Feedback
 - One on One Consultant CEC Onboarding
 - Service Desk through App
- TxDOT Feedback
- Next Steps



Questions and Discussion