



Upcoming Opportunities:

Package B – Master Substation Annex (MSS Annex)

Package C – 230KV Transformer Replacement

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About Me



Chethana Gowda

CUIR Project Manager

- Architecture and construction professional
- 15 years delivering private and public sector projects
- At SLAC since 2022; now CUIR Project Manager
- Hands-on with utility project design and execution
- Currently leading three CUIR work packages

Master Substation Yard Overview



Package B– Master Substation Annex (MSS Annex)

SCOPE: Construction

Design-Bid-Build

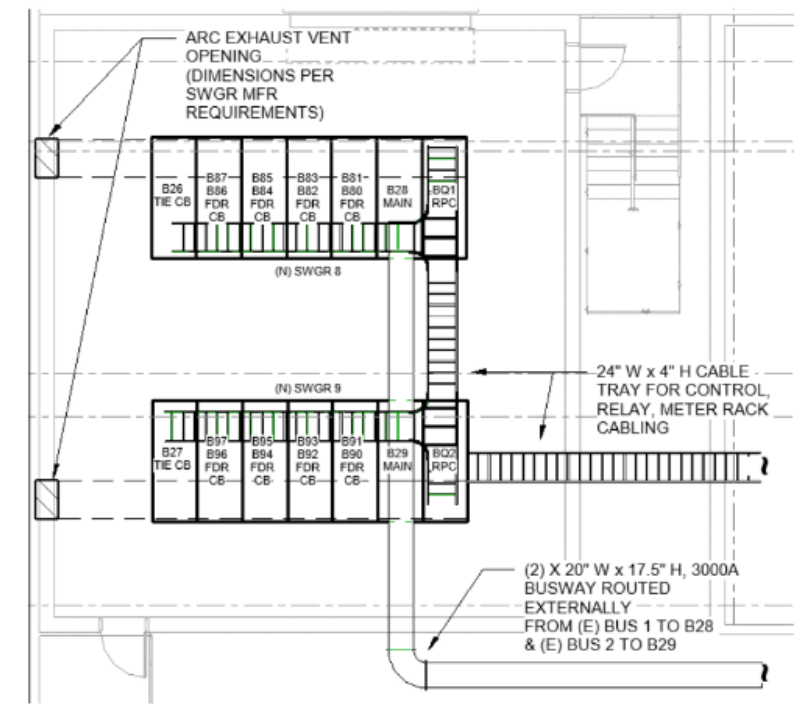
- NEW building next to existing Master Substation
- Installation of new equipment
- Relocation of existing equipment
- Reroute existing 12kv cables
- New building footprint: ~2800 sq. Ft.; 2 stories; 35' high
- Construction material to be same as existing:
 - Concrete Masonry Unit (CMU) walls,
 - Cast-in-place concrete slab on grade,
 - Cast-in-place concrete metal deck (2nd floor),
 - Insulating concrete on metal roof deck



Package B - MSS Annex Improvements

Electrical Installations

- Disconnect and dispose existing substation, supply and installation of new substation (CFP)
- Relocation of existing outdoor diesel generator
- Furnish and install outdoor 12.47kV busway between Bus 1 & 2 and Bus 8 & 9
- Install new switchgear (GFP)



Package B - Construction Subcontract Milestone Dates

Release RFP	November 2026
Proposal Due	January 2027
Award Package B Master Substation Annex	March 2027
Construction (Building Envelope)	April 2027 - January 2028
Installation of equipment/building interiors	February 2028 – June 2028
Close out MSS Annex Construction	August 2028

Package C – 230kv Transformer Replacement

Replacement of Transformer T-1 Construction (BASE SCOPE)

Replacement of Transformer T-2 Construction (ADDITIVE SCOPE)

- Design-Bid-Build
- Demolish existing transformer and related materials
- Install new HV Transformer (GFP)
- 230kV Connection
- Currently the project is targeting to complete 60% design mid October



Package C - Construction Milestone Dates

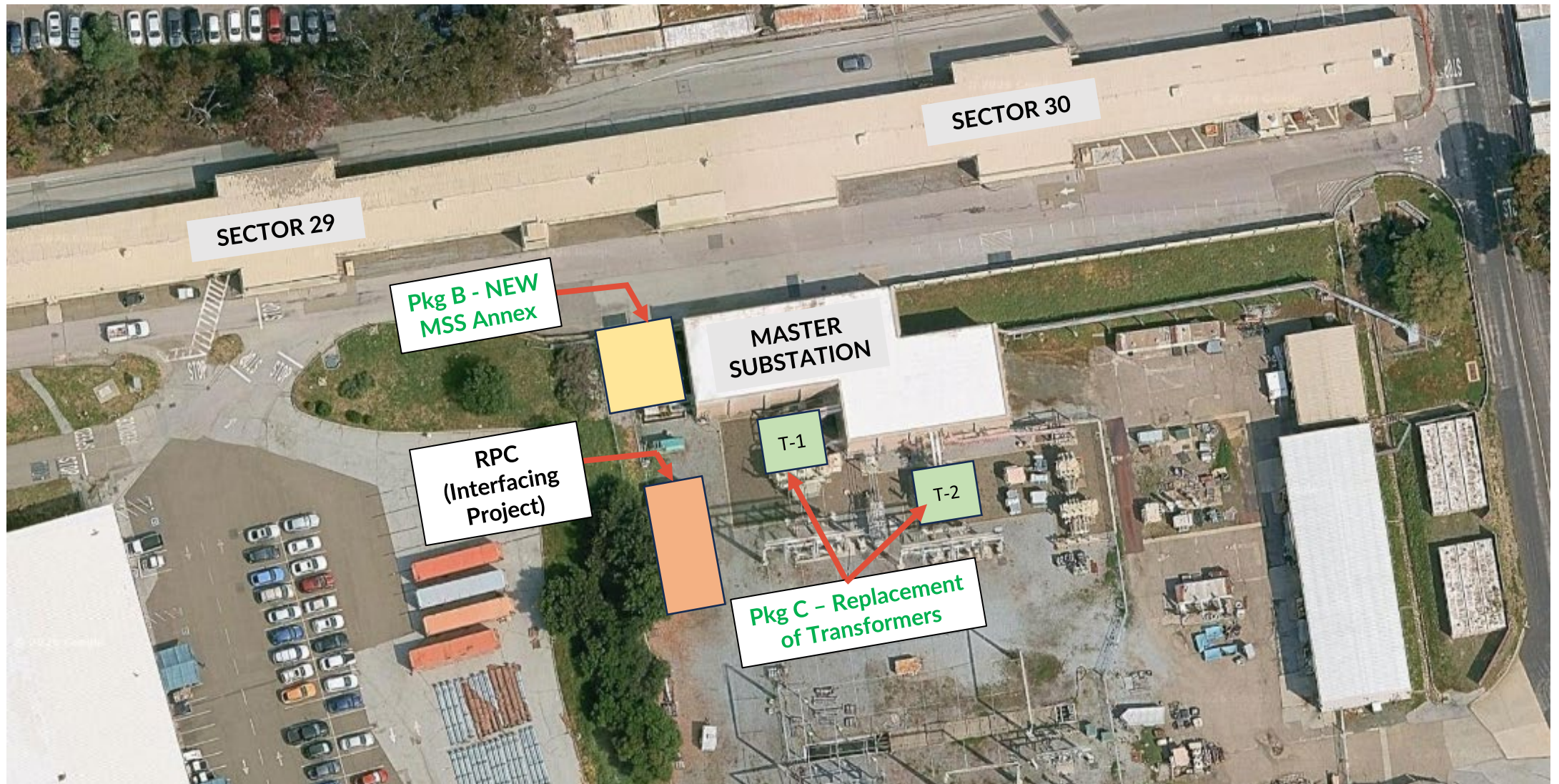
Release RFP	July 2027
Proposal Due	August 2027
Award Package C Transformer T1	November 2027
Construction	December 2027- September 2028
Close out	December 2028

Video link

[\(58\) CUIR Subproject 1 Design-Build Scopes Virtual Tour - YouTube](#)

Other Projects – Reactive Power Compensation (RPC)

Interfacing Projects



Interfacing Projects High level Timeline

	Design	Construction Start	Construction Complete
CUIR Pkg B – MSS Annex	100%	Apr 2027	Aug 2028
CUIR Pkg C – Transformer Replacement	Progressing to 60%	Dec 2027	Sept 2028
GPP Project - RPC	90%	Oct 2027	Jul 2028

Government Furnished Property (GFP)

- Switchgear: manufacturing complete; stored offsite in Wisconsin and available to ship at any time
- Transformer T1: manufacturing scheduled for completion October 2027



MSS Switchgear

Government Furnished Property (GFP)

	Responsible Party	
	SLAC	Subcontractor
Storage location preparation	X	
Acceptance of equipment at time of delivery and temporary storage placement	X	
Performing indoor/outdoor space inspections	X	
Acceptance of equipment prior to final installation		X
Transporting equipment elsewhere on site as needed for installation		X

General Information

- IFC set of drawings issued with RFP
- Soil report with geotechnical findings
- Existing site conditions documented (topos, surveys, as-builts etc.)
- Site logistics and laydown areas
- GFP Drawings and documents

QUESTIONS?

