



Engineering, Operations, & Technology Committee

Gene Pumping Plant Security Improvements

Item 7-4

April 8, 2024

Item 7-4 Gene Pumping Plant Security Improvements

Subject

Award a \$295,562 contract to The Kepler Group Inc. to implement security system improvements at the Gene Pumping Plant

Purpose

Improve security system at the Gene Pumping Plant & pilot upgrades planned for the CRA Region

Recommendation and Fiscal Impact

Award a contract to implement security improvements at the Gene Pumping Plant

Fiscal Impact of \$470,000

Budgeted

Background

- Desert facilities constructed in remote locations over 80 years ago
- Existing security infrastructure needs to be upgraded at five pump stations & Camino Electrical Switching Station
 - Final design ongoing
- Recommended security improvements
 - Enhance entry checkpoints & perimeter
 - Upgrade security cameras & card readers
 - Conduct pilot at Gene Pumping Plant



Gene Pumping Plant



Camino Electrical Switching Station

Gene Pumping Plant Security Improvements

Alternatives Considered

- Implement security improvements for the CRA region without the pilot project
 - No opportunity to validate functionality of equipment & compatibility with Metropolitan's proprietary security software
- Selected Alternative – Pilot at Gene PP
 - Optimize roll-out of the larger project to ensure seamless integration
 - Ensure compatibility with cloud-based applications
 - Test firewall limits

Gene Pumping Plant Security Improvements



Security Camera



Access Card Reader

Scope of Work

- Contractor
 - Furnish & install security cameras, card readers, & door position switches
 - Integrate with proprietary security software
- Metropolitan
 - Procure & install supporting network equipment
 - Construction management & inspection
 - Project management & contract administration

Bid Results

Specifications No. M-3073

Bids Received	December 12, 2023
No. of Bidders	2
Lowest Responsible Bidder	The Kepler Group Inc.
Low Bid	\$295,562
Other Bid	\$328,000
Engineer's Estimate	\$264,021

* No SBE (Small Business Enterprise) participation level set due to specialized nature of work

Allocation of Funds

Gene Security Improvements

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin)	\$ 6,000
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Construction Inspection & Support	29,000
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Force Construction	28,000
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Submittals Review, Tech. Support, Record Dwgs.	5,000
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Network Equipment & Incidentals	91,000
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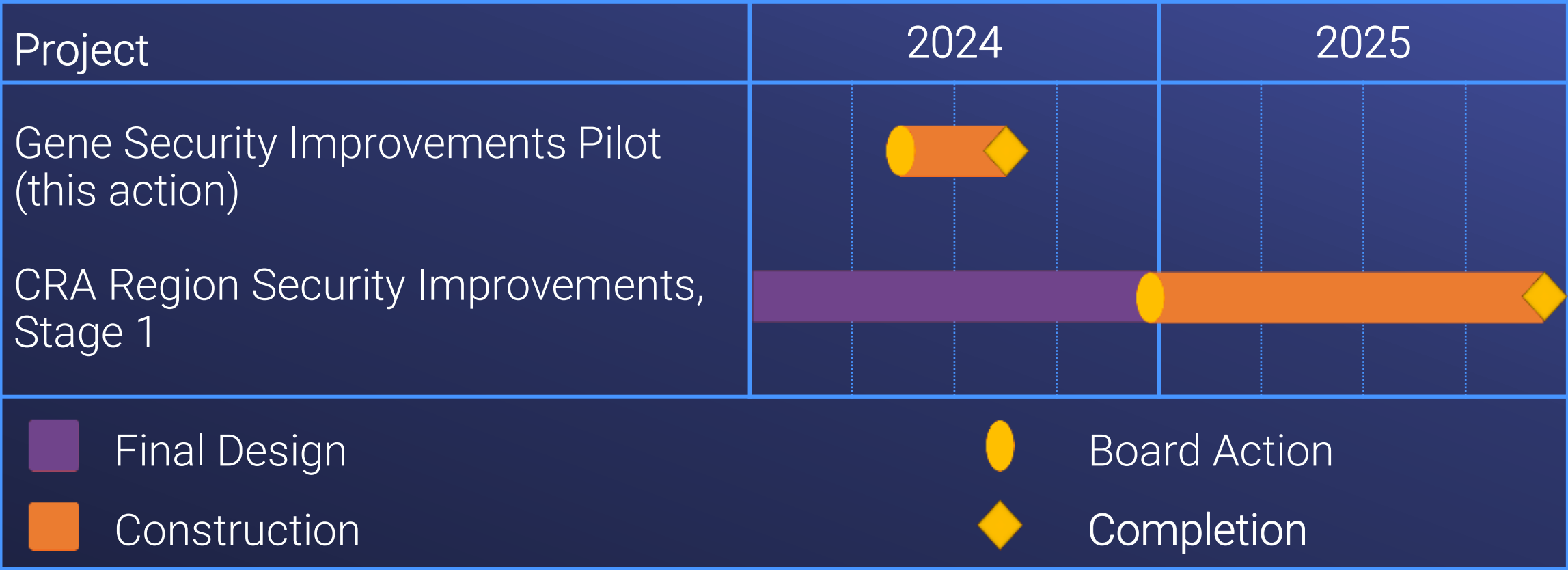
Contracts

The Kepler Group Inc.	295,562
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Remaining Budget	15,438
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Total	\$ 470,000
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Project Schedule



Board Options

- Option #1
Award a \$295,562 contract to The Kepler Group Inc. to implement security improvements at the Gene Pumping Plant.
- Option #2
Do not proceed with the project at this time.

Staff Recommendation

- Option #1

