



Engineering, Operations, & Technology Committee

Colorado River Aqueduct Housing Abatement and Roof Replacement

Item 7-3

September 9, 2024

Item 7-3

Colorado River Aqueduct Housing Abatement and Roof Replacement

Subject

Award a \$1,285,000 contract to Resource Environmental Incorporated for abatement and roof replacement of houses at four Colorado River Aqueduct Pumping Plant villages

Purpose

This action supports the Desert Housing and Recreation Interim Action Plan and includes abatement, roof replacement of 14 houses, and demolition of 8 houses that are beyond their expected useful life

Recommendation and Fiscal Impact

Award a construction contract to perform Colorado River Aqueduct housing improvements

Fiscal Impact of \$1,720,000

Budgeted

Location Map



Background

Colorado River
Aqueduct
Housing & Facility
Improvements



Iron Mtn. Lodge &
Kitchen

Committed to Supporting Desert Staff

- Housing provided due to remoteness & timely response
- Houses aging after decades of use in the harsh desert environment
- Two efforts to improve housing are underway
 - Community Planning
 - Desert Housing & Recreation Interim Action Plan

Community Planning

Long-term

Housing & Facility Solutions

- Identify long-term housing options
- Identify long-term kitchen & lodging facilities
- June 2024 - Community Planning Study submitted to Board
- October 2024 - Concurrence
- November 2024 - Board Action



Desert Housing & Recreation Interim Action Plan

Near-term

Urgent
improvements began
September 2022



Resident Feedback Session

- Recreation Improvements
 - Wellness & Community Center
 - Archery ranges
 - Community garden
- Housing Improvements
 - Refurbishments
 - Carports & shade structures
 - Fencing (future board action)
 - Roofing
 - Demolition of surplus houses
- 22 of 36 projects are complete
- **Today's action:** Roof replacements & demolition of surplus houses

Desert Housing & Recreation Interim Action Plan

Work
Completed

Near-Term
Improvements Began
September 2022



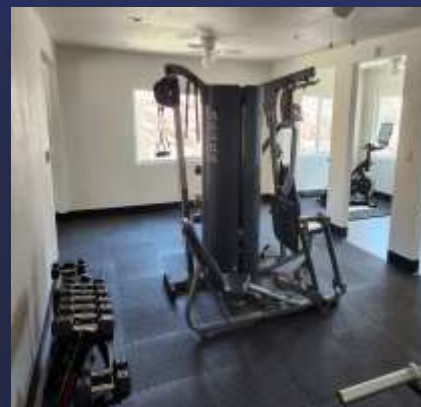
Resurfaced Sports Courts



Archery Range w/Shade Structures



Map Boards



Wellness Center



Carports



Backyard Shade

Desert Housing & Recreation Interim Action Plan

Current Action: Project Scope of Work



Abatement & roof replacement for 14 houses at four residential villages (CIP)



Abatement & demolition of eight houses deemed surplus (O&M)

Colorado River Aqueduct Housing Abatement & Roof Replacement

Scope of Work

- Contractor
 - Environmental Abatement & Clearance
 - Roof Replacement
 - Demolition Services
- Metropolitan
 - Resident Notification
 - Submittal Review
 - Construction Management
 - Secure Utilities
 - Remove Foundations

Bid Results

Specifications No. 2086

Bids Received	July 2, 2024
No. of Bidders	8
Lowest Responsible Bidder	Environmental Resource Incorporated
Low Bid	\$1,285,000
Other Bids	\$1.7M to \$3.9M
Engineer's Estimate	\$2.8M
SBE Participation	100%

*SBE (Small Business Enterprise) participation level set at 25%

Allocation of Funds

Colorado River Aqueduct Housing Abatement and Roof Replacement

Metropolitan Labor

Owner costs (Proj. Mgmt., Contract Admin., Envir. Support)	\$ 185,000
Construction Inspection & Support	155,000
Submittal Review & Tech Support	4,000

Contracts

Environmental Resource Incorporated	1,285,000
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Remaining Budget	90,000
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Total	\$ 1,720,000 *
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* Includes \$615,000 in O&M Funds for demolition of houses

Project Schedule

Project	2024	2025
Colorado River Aqueduct Housing Abatement & Roof Replacement		
<div><div></div> Construction</div> <div><div></div> Board Action</div> <div><div></div> Completion</div>		

Board Options

- Option #1
 - Award a \$1,285,000 contract to Resource Environmental Incorporated for abatement & roof replacement of houses at four Colorado River Aqueduct Pumping Plant villages.
- Option #2
 - Do not proceed with the contract at this time.

Staff Recommendation

- Option #1

