

ENVIRONMENT & SUSTAINABILITY
2023 GO Bond Program
Executive Committee Recommendations to City Council

Rank	Project Name	Total Cost	Other Funds	GO Bond Funds	Ongoing Cost
1	Energy and Water Efficiency and Renewable Energy Upgrades at City Facilities Location: Various District: Citywide	14,000,000	0	14,000,000	0
2	Heat Resiliency Location: Citywide District: Citywide	7,700,000	0	7,700,000	171,053
3	Brownfields Redevelopment Program for City-Owned Properties Location: Citywide District: Citywide	3,000,000	0	3,000,000	0
4	City Facility Vehicle Electrification Stations Location: Various District: Citywide	1,300,000	0	1,300,000	20,000
Environment & Sustainability Recommended Total		26,000,000	0	26,000,000	191,053

ENVIRONMENT & SUSTAINABILITY
2023 GO Bond Program
Executive Committee Recommendations to City Council
Project Detail

Energy and Water Efficiency and Renewable Energy Upgrades at City Facilities

Rank: 1

Various (District: Citywide)

TOTAL PROJECT COST	OTHER FUNDING	GO BOND FUNDING
\$14,000,000	\$0	\$14,000,000

SCOPE

Install energy efficient HVAC equipment or other climate control systems to reduce energy consumption and greenhouse gas emissions from City facilities. Facility Condition Assessments identified the need to replace aging and inefficient HVAC systems at many facilities including City-operated community and recreation centers, arts and cultural facilities, and administrative buildings. Additionally, implement renewable energy solutions, such as solar, where appropriate.

BENEFIT

Avoid service disruptions that may result from unplanned equipment and/or systems failures. Reduce operating expenses of certain City facilities by integrating the best available technologies. Reduce greenhouse gas emissions and other climate impacts caused by City operations.

COST ELEMENTS	2024-25	2025-26	2026-27	2027-28	2028-29	5-YR TOTAL
STUDY	0	0	0	0	0	0
REAL PROPERTY	0	0	0	0	0	0
DESIGN / ENGINEERING	0	0	0	0	0	0
CONSTRUCTION / DEMO	0	0	0	0	0	0
EQUIPMENT	4,500,000	4,500,000	1,750,000	1,750,000	1,500,000	14,000,000
MOVE-IN EXPENSES	0	0	0	0	0	0
<i>PERCENT FOR ART</i>						0
TOTAL PROJECT COST	4,500,000	4,500,000	1,750,000	1,750,000	1,500,000	14,000,000

OTHER FUNDING	2024-25	2025-26	2026-27	2027-28	2028-29	5-YR TOTAL
N/A	0	0	0	0	0	0

ON-GOING EXPENSES	ANNUAL COST
STAFF	0
CONTRACTUALS	0
COMMODITIES	0
INTERDEPARTMENTAL	0
ON-GOING CAPITAL	0
TOTAL OPERATING	0

ENVIRONMENT & SUSTAINABILITY
2023 GO Bond Program
Executive Committee Recommendations to City Council
Project Detail

Heat Resiliency

Rank: 2

Citywide (District: Citywide)

TOTAL PROJECT COST	OTHER FUNDING	GO BOND FUNDING
\$7,700,000	\$0	\$7,700,000

SCOPE

Expand the City's Tree Planting, Green Infrastructure, Cool Roofs, Cool Corridors and Cool Pavements programs. Implement other emerging ideas to address heat resiliency within City facilities, infrastructure, land or rights-of-way.

BENEFIT

Reduce the impacts of climate change and urban heat on resident and visitor health. This program will be most impactful in locations where residents tend to have limited access to vehicles, and must walk or bike to their destinations with greater frequency. This program can help to address historical equity issues in parts of the City where residents are more vulnerable to heat-related hazards.

COST ELEMENTS	2024-25	2025-26	2026-27	2027-28	2028-29	5-YR TOTAL
STUDY	400,650	0	0	0	0	400,650
REAL PROPERTY	0	0	0	0	0	0
DESIGN / ENGINEERING	0	360,875	360,875	0	0	721,750
CONSTRUCTION / DEMO	0	3,254,645	3,254,645	0	0	6,509,290
EQUIPMENT	0	0	0	0	0	0
MOVE-IN EXPENSES	0	0	0	0	0	0
<i>PERCENT FOR ART</i>						68,310
TOTAL PROJECT COST	400,650	3,615,520	3,615,520	0	0	7,700,000

OTHER FUNDING	2024-25	2025-26	2026-27	2027-28	2028-29	5-YR TOTAL
N/A	0	0	0	0	0	0

ON-GOING EXPENSES	ANNUAL COST
STAFF	117,053
CONTRACTUALS	54,000
COMMODITIES	0
INTERDEPARTMENTAL	0
ON-GOING CAPITAL	0
TOTAL OPERATING	171,053

ENVIRONMENT & SUSTAINABILITY
2023 GO Bond Program
Executive Committee Recommendations to City Council
Project Detail

Brownfields Redevelopment Program for City-Owned Properties

Rank: 3

Citywide (District: Citywide)

TOTAL PROJECT COST	OTHER FUNDING	GO BOND FUNDING
\$3,000,000	\$0	\$3,000,000

SCOPE

Funding to assist City departments with pre-development costs associated with environmentally contaminated properties. Preference would be given to projects located within the following targeted areas: Rio Reimagined Project Area, West Phoenix Revitalization Area, Infill Incentive Area, Transit-Oriented Development Areas, Downtown Development Area, Designated Redevelopment Areas and Neighborhood Initiative Areas.

BENEFIT

Mayor and Council approved the Phoenix Climate Action Plan (PCAP) in 2021. This program supports the PCAP by addressing public health and environmental hazards, expanding green space, and creating sustainability opportunities (e.g. green buildings and infrastructure). Without this funding source, contaminated properties may remain blighted, undeveloped, and a burden to the local community.

COST ELEMENTS	2024-25	2025-26	2026-27	2027-28	2028-29	5-YR TOTAL
STUDY	1,000,000	1,000,000	1,000,000	0	0	3,000,000
REAL PROPERTY	0	0	0	0	0	0
DESIGN / ENGINEERING	0	0	0	0	0	0
CONSTRUCTION / DEMO	0	0	0	0	0	0
EQUIPMENT	0	0	0	0	0	0
MOVE-IN EXPENSES	0	0	0	0	0	0
<i>PERCENT FOR ART</i>						0
TOTAL PROJECT COST	1,000,000	1,000,000	1,000,000	0	0	3,000,000

OTHER FUNDING	2024-25	2025-26	2026-27	2027-28	2028-29	5-YR TOTAL
N/A	0	0	0	0	0	0

ON-GOING EXPENSES	ANNUAL COST
STAFF	0
CONTRACTUALS	0
COMMODITIES	0
INTERDEPARTMENTAL	0
ON-GOING CAPITAL	0
TOTAL OPERATING	0

ENVIRONMENT & SUSTAINABILITY
2023 GO Bond Program
Executive Committee Recommendations to City Council
Project Detail

City Facility Vehicle Electrification Stations

Rank: 4

Various (District: Citywide)

TOTAL PROJECT COST	OTHER FUNDING	GO BOND FUNDING
\$1,300,000	\$0	\$1,300,000

SCOPE

Provide electrification infrastructure at city facilities to support the city's fleet, residents and employees. The number and type of installations funded by this item are driven by capital needs identified by an ongoing fleet electrification study.

BENEFIT

Mayor and Council approved the Phoenix Climate Action Plan (PCAP) in 2021. This program supports the PCAP by reducing aggregate greenhouse gas emissions related to automobile activity. Not funding this program could delay the availability of charging infrastructure.

COST ELEMENTS	2024-25	2025-26	2026-27	2027-28	2028-29	5-YR TOTAL
STUDY	0	0	0	0	0	0
REAL PROPERTY	0	0	0	0	0	0
DESIGN / ENGINEERING	0	0	0	0	0	0
CONSTRUCTION / DEMO	0	0	0	0	0	0
EQUIPMENT	650,000	650,000	0	0	0	1,300,000
MOVE-IN EXPENSES	0	0	0	0	0	0
<i>PERCENT FOR ART</i>						0
TOTAL PROJECT COST	650,000	650,000	0	0	0	1,300,000
OTHER FUNDING	2024-25	2025-26	2026-27	2027-28	2028-29	5-YR TOTAL
N/A	0	0	0	0	0	0

ON-GOING EXPENSES	ANNUAL COST
STAFF	0
CONTRACTUALS	20,000
COMMODITIES	0
INTERDEPARTMENTAL	0
ON-GOING CAPITAL	0
TOTAL OPERATING	20,000