

**ASSISTANCE AGREEMENT**

1. Award No. DE-SE0000588		2. Modification No.	3. Effective Date 09/01/2024	4. CFDA No. 81.128
5. Awarded To Glendale, City of Attn: VICKI RIOS 5850 W. GLENDALE AVENUE SUITE 302 GLENDALE AZ 853012563		6. Sponsoring Office State and Community Energy Programs U.S. Department of Energy 1000 Independence Ave, SW Washington DC 20585		7. Period of Performance 09/01/2024 through 08/31/2026
8. Type of Agreement <input checked="" type="checkbox"/> Grant <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Other	9. Authority IIJA PL 117-58, 2021 110-140 EISA of 2007		10. Purchase Request or Funding Document No. 24SE000749	
11. Remittance Address Glendale, City of Attn: Vicki Rios 5850 W. GLENDALE AVENUE 1ST FLOOR CASHIER WINDOW GLENDALE AZ 853012563		12. Total Amount Govt. Share: \$259,960.00  Cost Share : \$0.00  Total : \$259,960.00		13. Funds Obligated This action: \$259,960.00  Total : \$259,960.00
14. Principal Investigator	15. Program Manager Rosie Ricketts Phone: (000) 000-0000		16. Administrator Golden Field Office U.S. Department of Energy Golden Field Office 15013 Denver West Parkway Golden CO 80401	
17. Submit Payment Requests To Payment - Direct Payment from U.S. Dept of Treasury		18. Paying Office Payment - Direct Payment from U.S. Dept of Treasury		19. Submit Reports To See Attachment 2
20. Accounting and Appropriation Data 05461-2022-31-200835-41020-1005917-0000000-0000000-0000000				
21. Research Title and/or Description of Project BIL: EECBG Program - City of Glendale, AZ				
For the Recipient			For the United States of America	
22. Signature of Person Authorized to Sign			25. Signature of Grants/Agreements Officer  Signature on File	
23. Name and Title	24. Date Signed	26. Name of Officer Geoffrey I. Walker		27. Date Signed 09/16/2024

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-SE0000588

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NAME OF OFFEROR OR CONTRACTOR  
Glendale, City of

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>UEI: CRE4N8H1X6J5</p> <p>The purpose of this action is to obligate EECBG BIL funds and to authorize activities under Section 40552.</p> <p>In addition to this Assistance Agreement, this award consists of the items listed on the Cover Page of the Special Terms and Conditions.</p> <p>The Project Period for this award is 09/01/2024 through 08/31/2026.</p> <p>This award is subject to the Financial Assistance regulations contained in 2 CFR 200 as amended by 2 CFR Part 910.</p> <p>Funding for all awards and future budget periods is contingent upon the availability of funds appropriated by Congress for the purpose of this program and the availability of future-year budget authority.</p> <p>DOE Award Administrator: Geryaly Amador Email: geryaly.amador@ee.doe.gov Phone: 240-562-1794</p> <p>DOE Project Officer: Rosie Ricketts E-mail: rosie.ricketts@hq.doe.gov Phone: 240-981-2034</p> <p>Recipient Business Officer: Levi Gibson E-mail: lgibson@glendaleaz.com Phone: 623-930-2268</p> <p>Recipient Principal Investigator: David Winters E-mail: dwinters@glendaleaz.com Phone: 623-930-2946</p> <p>Electronic signature or signatures as used in this document means a method of signing an electronic message that--</p> <p>(A) Identifies and authenticates a particular person as the source of the electronic message;</p> <p>(B) Indicates such person's approval of the information contained in the electronic message; and,</p> <p>(C) Submission via FedConnect constitutes electronically signed documents.</p> <p>ASAP: YES Extent Competed: NOT COMPETED</p> <p>Davis-Bacon Act: YES PI: Winters, David</p> <p>Fund: 05461 Appr Year: 2022 Allottee: 31 Report</p> <p>Continued ...</p>				

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
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NAME OF OFFEROR OR CONTRACTOR  
Glendale, City of

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Entity: 200835 Object Class: 41020 Program: 1005917 Project: 0000000 WFO: 0000000 Local Use: 0000000				



**BUDGET INFORMATION - Non-Construction Programs**

1. Program/Project Identification No. SE0000588		2. Program/Project Title Energy Efficiency and Conservation Block Grant Program – Bipartisan Infrastructure Law 2021	
3. Name and Address City of Glendale 6210 W Myrtle Ave Glendale, AZ 853010000	4. Program/Project Start Date		07/01/2023
	5. Completion Date		06/30/2025

**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Federal Catalog No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Federal	81.128	\$ 0.00		\$ 259,960.00		\$ 259,960.00
2.						
3.						
4.						
5. TOTAL		\$ 0.00	\$ 0.00	\$ 259,960.00	\$ 0.00	\$ 259,960.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) DOE	(2)	(3)	(4)	
a. Personnel	\$ 0.00				\$ 0.00
b. Fringe Benefits	\$ 0.00				\$ 0.00
c. Travel	\$ 0.00				\$ 0.00
d. Equipment	\$ 0.00				\$ 0.00
e. Supplies	\$ 228,512.00				\$ 228,512.00
f. Contract	\$ 31,448.00				\$ 31,448.00
g. Construction	\$ 0.00				\$ 0.00
h. Other Direct Costs	\$ 0.00				\$ 0.00
i. Total Direct Charges	\$ 259,960.00				\$ 259,960.00
j. Indirect Costs	\$ 0.00				\$ 0.00
k. Totals	\$ 259,960.00				\$ 259,960.00
7. Program Income	\$ 0.00				\$ 0.00

**U.S. Department of Energy**  
Energy Efficiency and Conservation Block Grant Program – Bipartisan Infrastructure Law 2021 (EECBGBIL)  
**BUDGET INFORMATION REMARKS**  
**Grant Number:** SE0000588, **State:** AZ  
**Recipient:** City of Glendale

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**Remarks**

Contractual:

- Kimley-Horn: \$23,365.00. Contract will be used for a engineering contractor to do an evaluation on the current pedestrian light system.
- Contractual Installation Costs: \$8,083.00. Contractual installation per light 72 x \$22.50 per Photocell Install = \$1,620 72 x \$45 per Fixture Install = \$3,240  
Additional Installation Fees: \$3,223
- Total Contractual Cost: \$228,512.00

Supplies:

- 72 x \$3,041 cost per LED fixture = \$218,952
- 72 x \$115 per photocell = \$8,280
- Cost Fluctuation: \$1,280
- Total Supplies Cost: \$228,512.00

Total Project Costs: \$259,960.00

These costs are estimates for LED fixtures, photocells, and labor, final price may vary. See supporting documentation in the application.

These supplies will only be used for EECBG Program purposes.

**U.S. Department of Energy**  
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**EECBG Program: Energy Efficiency and Conservation Strategy Template for Local Governments**

Local governments must submit a proposed Energy Efficiency and Conservation Strategy (EECS) to the Department of Energy (DOE) to meet the statutory requirements for the Energy Efficiency and Conservation Block Grant (EECBG) Program. The proposed EECS must include the information contained in Part A of this template. Local governments may use this streamlined EECS Template to meet the requirement, but the template is not required. If a local government chooses to submit an EECS using an alternative format, the information outlined in Part A must be included in the submission.

**Local governments have the option of submitting their EECS at the time of application or no later than 1 year after the effective date of the award.** If the latter option is chosen, the EECS should be a comprehensive strategy that covers, at a minimum, all items detailed in this template. DOE will provide informational resources and technical assistance to support the development of comprehensive strategies.

*Local governments that **do not** submit an EECS with their application must submit an EECBG Program Activity File with their application and select Activity 1 (Energy Efficiency and Conservation Strategy).*

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**Part A**

Grantee: City of Glendale  
Date: 4/19/2024  
UEI Number: CRE4N8H1X6J5  
Program Contact Email: dwinters@glendaleaz.com

1) Local governments must include within their proposed strategy a description of their goals for increased energy efficiency and conservation in the jurisdiction. Does your local government have existing energy efficiency and conservation or related goals?

a. Yes

i. What goals do you have? (check all that apply)

1. GHG reduction goal

a. Specific goal (e.g., 80% GHG reduced from 1990 levels):

b. By what year? (e.g., 2050)

2. Energy use reduction goal

a. Specific goal:

LED Conversion and Dimming

b. By what year?

2026

3. Clean energy use goal

a. Specific goal:

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b. By what year?

4. EV adoption goal

a. Specific goal:

b. By what year?

5. Job creation goal

a. Specific goal:

b. By what year?

6. Job quality goal

a. Specific goal:

b. By what year?

7. Other

a. Specific goal:

b. By what year?

b. No, our local government does not have an existing goal, but we are selecting the following goal as part of our strategy. If you select option 5, you must also select from options 1-4 or option 6 (may select more than one option).

- i. Carbon neutrality by 2050 or sooner
- ii. Reduce energy use by 50% by 2050 or sooner
- iii. 100% carbon-free energy use by 2050 or sooner
- iv. 80% EV adoption by 2050 or sooner
- v. Pay prevailing wages for all construction and maintenance projects by 2025

**U.S. Department of Energy**

Energy Efficiency and Conservation Block Grant Program – Bipartisan Infrastructure Law 2021 (EECBGBIL)

**STRATEGY**

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vi. Other

2) Does your local government have an existing plan or strategy document (e.g., climate action plan, energy conservation plan, comprehensive energy plan, etc.) to reduce energy use, increase energy efficiency, reduce emissions, or train workers for high-quality energy efficiency jobs?

a. Yes

i. Strategy document uploaded:

ii. Do you intend to update your plan in the next two years?

1. Yes

a. Are you planning to use any of your EECBG Program funds to update your plan?

i. Yes

ii. No

b. What updates do you intend to make to your plan?

b. No

i. Please briefly describe your strategy to achieve your goals listed in Question 1

1. Conduct an evaluation of the City of Glendale's Downtown Pedestrian Light system to check for problems with current infrastructure and look for improvements such as LED conversions, Dimming, etc. 2. Ordering material to convert HPS Downtown Pedestrian Lights to LED. 3. Ordering Material to Dim Pedestrian Lights. 4. Install new infrastructure.

3) Are you planning to use a blueprint (see Section 4.5 of the EECBG Program Formula Grant Application Instructions document for more details)?

a. Yes

i. Which one(s)?

Energy Planning

1. Energy Planning

Efficient Buildings

2a. Energy Efficiency - Energy Audits and Building Upgrades

2b. Energy Savings Performance Contracts: Energy Efficiency and Electrification in Government Buildings

2c. Building Electrification Campaign

2d. Building Performance Standards & Stretch Codes

Renewables

3a. Solar & Storage - Power Purchase Agreements and Direct Ownership

3b. Community Solar

3c. Solarize Campaign

3d. Renewable Resource Planning for Rural and Tribal Communities

Electric Transportation

4a. Electric Vehicles and Fleet Electrification

4b. EV Charging Infrastructure for the Community

Finance

5. Unlocking Sustainable Financing Solutions for Energy Projects and Programs with Revolving Loan Funds

Workforce

6. Workforce Development

ii. How does this blueprint help you meet your strategy/goals?

**U.S. Department of Energy**  
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b. No

i. What category of work do you plan to apply your EECBG Program funds to? (check all that apply)

1. Strategy development

- a. Developing goals
- b. Developing measures to track progress
- c. Providing annual reporting on goals

2. Technical consultant services to assist in strategy development

3. Building energy audits

- a. Residential
- b. Commercial
- c. Industrial
- d. Municipal

4. Financial programs

- a. Loan programs
- b. Performance contracting programs
- c. Rebates/grants
- d. Incentives
- e. Other

5. Energy efficiency retrofits

- a. Residential
- b. Commercial
- c. Industrial
- d. Municipal

6. Energy efficiency and conservation programs for buildings and facilities

- a. Residential
- b. Commercial
- c. Industrial
- d. Municipal

7. Transportation Programs

a. Electric vehicle planning

- i. Municipal
- ii. Communitywide

b. Purchasing of electric vehicles

c. Installation of electric vehicle chargers

- i. Municipal
- ii. Communitywide

d. Use of flex time by employers

e. Satellite work centers

f. Zoning guidelines or requirements that promote energy efficient development

g. Infrastructure, such as bike lanes and pathways and pedestrian walkways

U.S. Department of Energy

Energy Efficiency and Conservation Block Grant Program – Bipartisan Infrastructure Law 2021 (EECBGBIL)

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- h. Synchronization of traffic signals
- i. Public transit system improvement investments
- j. Other

8. Building codes and inspection

- a. Updating building codes
- b. Improving enforcement/compliance with building codes
- c. Building performance standards
- d. Other

9. Energy distribution technologies for energy efficiency

- a. Distributed resources
- b. District heating and cooling systems
- d. Other

10. Material conservation programs

- a. Source reduction
- b. Recycling
- c. Composting
- d. Sustainable procurement
- e. Other

11. Reduction and capture of methane and other greenhouse gases generated

- a. Landfills
- b. Wastewater treatment facilities
- c. Other

12. Traffic signals and street lighting upgrades

13. Renewable energy on government buildings

- a. Solar
- b. Wind
- c. Fuel cells
- d. Biomass

14. Programs for financing, purchasing, and installing energy efficiency, renewable energy, and zero-emission transportation (and associated infrastructure)

15. Other (requires approval of Secretary)

ii. How will your use of funds help your unit of government meet its strategy/goals?

An evaluation will guide the City to spend funds on aging infrastructure that will give opportunities for energy reduction.

iii. Provide a brief description of your project(s)?

1. Conduct an evaluation of the City of Glendale's Downtown Pedestrian Light system to check for problems with current infrastructure and look for improvements such as LED conversions, Dimming, etc. a. The Downtown Pedestrian Lights Consist of: i. 807 Decorative Pedestrian Post Top Lights mounted on poles and walls in downtown Glendale (W Ocotillo Rd to W Orangewood Ave between N 54th Ave and N 62nd Ave). Most of these are HPS lights. ii. 32 Conical Pedestrian Alley Lights located from W Palmaine Ave to W Myrtle Ave between N 57th Ave and N 59th Ave. These are HPS lights. iii. 37 Pedestrian Light Controllers. Most of these are in cabinets, but some are in electrical rooms. They are on either photocells, timers, astronomical clocks. iv. Underground Wire from the controller to the poles. v. J-Boxes 2. Ordering material to convert HPS Downtown Pedestrian Lights to LED. 3. Ordering Material to Dim Pedestrian Lights. 4. Install new infrastructure.

4) Local governments must coordinate and share information with the State in which the eligible local government is located regarding activities carried out using the grant to maximize the energy efficiency and conservation benefits under the EECBG Program. Have you coordinated and shared your planned activities with your State?

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a. Yes

i. Please describe how you plan to coordinate with your State

We've contacted the Arizona Governor's Office to share information, at this time they don't require additional information. We will keep in contact with them as the project progresses.

5) Local governments must take into account any plans for the use of funds by adjacent eligible local governments that receive grants under the EECBG Program. Have you taken into account how adjacent eligible units of local governments plan to use their funds?

a. Yes

## Part B

1) Do you plan to collaborate with other eligible units of government?

a. Yes, we are going to form a team and apply through a joint application

i. List the names of the units of government

1. Which unit of government is serving as the lead applicant?

ii. Please describe what your team plans to work on together

b. Yes, we are going to informally collaborate

i. List the names of the units of government

ii. Please describe your planned collaboration

c. We are not yet sure if we are going to collaborate with others

d. No

2) Are you planning to partner with other organizations including utilities, energy industry and financial companies, community-based organizations, labor unions, and other non-profit organizations for your project?

a. Yes

i. Please list your partners

**U.S. Department of Energy**  
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b. No

3) Have you engaged local stakeholders (such as utilities, energy industry and financial companies, community-based organizations, labor unions, and other non-profit organizations) in the development of your plan and/or how you intend to use your EECBG Program allocation?

a. Yes

b. No

4) Will this EECBG Program funding help you to access additional sources of funding?

a. Yes

i. What kind? (check all that apply)

1. Local government

2. State government

3. Federal government

4. Philanthropic

5. Private sector

6. Other

b. No

i. Would you like assistance in identifying other sources of funding?

a. Yes

b. No

5) Do you anticipate needing support for your project development/implementation?

a. Yes

i. What kind? (check all that apply)

1. Policy, planning and program design

2. Retrofits

3. Engineering and modeling

4. Stakeholder engagement

5. Program administration and implementation support

6. Outreach, education and advertising

7. Other

b. No

6) Do you anticipate the project(s) you use this funding for will continue after the EECBG Program funding period?

a. Yes

i. Describe how the projects(s) have been designed to ensure that it sustains benefits beyond the EECBG Program funding period

The evaluation study will show ways to reduce energy. Once complete, the City will use these methods and leveraged funding to install LED pedestrian lights.

b. No

i. What would help you to continue? (check all that apply)

1. Local sustainable financing

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- 2. Public and local political support
- 3. Staff capacity
- 4. Other

7) How will your project(s) benefit disadvantaged communities? (check all that apply)

a. Benefits include (but are not limited to) measurable direct or indirect investments or positive project outcomes that achieve or contribute to the following in disadvantaged communities:

- i. A decrease in energy burden
- ii. A decrease in environmental exposure and burdens
- iii. An increase in access to low-cost capital
- iv. An increase in job quality (including paying prevailing wages for construction and maintenance projects by 2025)
- v. An increase in clean energy enterprise creation and contracting (e.g., minority-owned or disadvantaged business enterprises)
- vi. An increase in clean energy jobs, job pipeline, and job training for individuals from disadvantaged communities
- vii. An increase in parity in clean energy technology access and adoption
- viii. An increase in energy democracy
- ix. Other

1. Please explain

8) How will your strategy support the goal that 40% of the overall benefits of certain federal investments flow to disadvantaged communities, in line with the Justice40 initiative?

Clean energy and efficiency aligns with the Justice40 Initiative. This strategy supports clean energy and efficiency for disadvantaged communities by evaluating and improving lighting conditions in a predominantly low-income area of the City. The project area is located in the City of Glendale zip code 85301, one of the cities most impoverished and densely populated areas. The racial makeup of the zip code is majority minority which includes 63% Hispanic/Latino, 13% Black or African American, and 4.6% Native American or Alaskan Native. Additionally, 31% of individuals residing within this zip code are living in poverty, compared to the overall 12% of Arizonans living in poverty.

Assistance Agreement

CITY OF GLENDALE SIGNATURE PAGE

CITY OF GLENDALE, an Arizona  
municipal corporation

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Kevin R, Phelps, Glendale City Manager

ATTEST:

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Julie K. Bower, City Clerk (SEAL)

APPROVED AS TO FORM:

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Michael D. Bailey, City Attorney