



**INTERGOVERNMENTAL AGREEMENT
No. IGA-EBG-CB-060126-01**

Between the

**STATE OF ARIZONA,
THE OFFICE OF THE GOVERNOR**

And the

CITY OF BISBEE

I. RECITALS

WHEREAS, A.R.S. § 41-101.01 authorizes the State of Arizona, Office of the Governor ("GVA") to execute and administer contracts and is charged with the responsibility of administering the Energy Efficiency and Conservation Block Grant. The Catalog of Federal Domestic Assistance (CFDA)/Assistance Listing for all activity pursuant to this agreement is 81.128.

WHEREAS, A.R.S. §11-952 authorizes public agencies to enter into agreements to contract for services, to jointly exercise any powers common to the public agencies, and for joint or cooperative action.

THEREFORE, it is agreed that GVA and the City of Bisbee ("Grantee"), hereafter collectively referred to as the "Parties," enter into the terms of this Intergovernmental Agreement ("Agreement").

II. PURPOSE OF AGREEMENT

The purpose of this Agreement is to provide funding for and identify the Grantee's obligations in completing the City Hall Solar Photovoltaic Resiliency Project

The Grantee agrees to comply with all applicable federal laws, state statutes, regulations, policies, guidelines and requirements, including administrative requirements, with the use of this funding. The Office of the Governor will provide the financial, programmatic, and administrative guidelines and statutory program purposes for the program. The Grantee agrees to comply with all lawful requirements imposed by the Grantor in the administration of these grant funds.

III. TERM OF AGREEMENT, TERMINATION AND AMENDMENTS

This Agreement shall be effective June 1, 2026 and shall terminate on April 30, 2027, contingent upon funding, unless terminated, canceled or extended as otherwise provided herein.

Either party may terminate this Agreement at any earlier time by providing written notice to the other party at least thirty (30) days prior to the termination date. The GVA agrees that regardless of its termination date with Grantee, Grantee may use the funds distributed under this Agreement to pay for any unpaid services pursuant to this Agreement obligated prior to the date of termination. This Agreement is subject to cancellation pursuant to A.R.S. § 38-511, the provisions of which are incorporated herein.

Amendments to this Agreement shall not be valid unless made in writing and signed by both parties.

If, prior to the completion of this Agreement, GVA and Grantee mutually agree to terminate this Agreement, then GVA may, at its discretion, assign or award the remaining services and funding, in whole or in part, to another entity to complete substantially similar work and Grantee shall reasonably cooperate with such assignment or award, which may include, at GVA's discretion, execution by Grantee of an assignment or termination of this Agreement and forwarding of pertinent documentation to GVA and/or such other entity.

IV. TERMINATION FOR CONVENIENCE

Notwithstanding any provision of this Agreement to the contrary, GVA reserves the right to terminate this Agreement, in whole or in part at any time when in the best interest of the State, without penalty or recourse. Upon receipt of written notice of termination pursuant to the preceding sentence, Grantee shall stop all work, as directed in the notice, notify all subcontractors or sub-grantees of the effective date of the termination and minimize all further costs related to this Agreement. In the event of termination under this section, all documents, data and reports prepared by Grantee under this Agreement shall become the property of and be delivered to GVA upon demand. Grantee shall be entitled to receive just and equitable compensation for work completed, and materials or services accepted before the effective date of the termination.

Additionally, if GVA determines the award contemplated in this Agreement was not properly awarded to Grantee, then GVA may terminate this Agreement for convenience and may, at its discretion, assign or award the remaining services and funding, in whole or in part, to another entity to complete substantially similar work. Grantee shall reasonably cooperate with such assignment or award, which may include, at GVA's discretion, execution by Grantee of an assignment or termination of this Agreement and forwarding of pertinent documentation to GVA and/or such other entity.

V. DESCRIPTION OF SERVICES

Grantee shall administer the City Hall Solar Photovoltaic Resiliency Project in accordance with Attachment A – Budget & Scope of Work.

VI. MANNER OF FINANCING

The GVA shall:

- A. Provide to Grantee a total award amount of up to \$185,000.00 for activities outlined in Section V.
- B. Transfer funding to Grantee upon receipt of valid invoices for reimbursement as the project is executed. Any unused funding pursuant to this agreement at the termination date shall be transferred back to the Office of the Governor and the remaining balance of the award de-obligated.
- C. The CFDA/Assistance Listing is 81.128 for all activity associated with this agreement.
- D. Questions regarding the appropriate use of the funds shall be resolved by mutual written agreement between Grantee and GVA.
- E. Notwithstanding any provisions of this Agreement to the contrary, if, prior to completion of this Agreement, GVA determines that Grantee does not have the capacity to fully perform the scope of services as outlined in this Agreement and the project proposals incorporated herein, then GVA may, at its discretion, assign or award the remaining services and funding, in whole or in part, to another entity to complete substantially similar work and Grantee shall reasonably cooperate with such assignment or award, which may include, at GVA's discretion, execution by Grantee of an assignment or termination of this Agreement and forwarding of pertinent documentation to GVA and/or such other entity.

Grantee shall:

- A. Submit requests for reimbursement (invoices) for actual cash expenses incurred by the program. Grantee shall submit these requests for reimbursement at a minimum of monthly but not more frequently than once per week.
- B. Assure that any expenses reimbursed under this Agreement have not been or will not be reimbursed under any other federal program.

VII. REPORTING REQUIREMENTS

Financial Reporting:

The Grantee shall be paid on a cost-reimbursement basis. The Grantee shall not request reimbursement until the cost has resulted in an actual cash expenditure. The Grantee may request reimbursement on either a monthly or quarterly basis for those items submitted and approved in the budget inclusively. Grantee shall submit a final reimbursement request no more than forty-five (45) days after the Agreement end for expenses incurred prior to the date of Agreement termination. All expenses must be incurred and paid prior to the final reimbursement request. Requests for reimbursement received later than forty-five (45) days after the Agreement termination may not be paid. If awarded an agreement, your organization must have sufficient funds to meet obligations for up to sixty (60) days while awaiting reimbursements from the Office of the Governor.

The Grantee shall use the forms provided by the Grantor to submit financial expenditure reports. The forms will be sent to the Grantee upon receipt of the signed Agreement.

Programmatic Reporting:

Grantee shall submit programmatic reports to the Office of the Governor for activities performed under this Agreement. The report deadlines are as follows:

- A. April to June 2026: July 20, 2026
- B. July to September 2026: October 20, 2026
- C. October to December 2026: January 1, 2027
- D. January to March 2027: April 20, 2027
- E. April 2027: May 14, 2027

Notwithstanding any other payment provision of this Agreement, failure of the Grantee to submit required reports when due, or failure to perform or deliver required work, supplies or services, will result in the withholding of payment under this Agreement unless such failure arises due to causes beyond the control and without the fault of negligence of the Grantee.

All reports shall be submitted to the contact person designated in Section XX.

VIII. DOCUMENTS INCORPORATED BY REFERENCE

The following documents are attached hereto and incorporated into this Agreement as if fully set forth herein:

- A. *Summary of Award*
- B. *Attachment A – Budget & Scope of Work*

Grantee warrants that it has read and understands these documents and agrees to be bound by any applicable provisions in their entirety. In the event of any divergence between this Agreement and the referenced documents, this Agreement shall control.

IX. APPLICABILITY OF PART 200 UNIFORM REQUIREMENTS

Grantee agrees to comply with the Uniform Administrative Requirements, Cost Principles, and Audit Requirements in 2 C.F.R. Part 200.

X. APPLICABLE LAW

In accordance with A.R.S. § 41-2501, *et seq.*, and Arizona Administrative Code R2-7-101, *et seq.*, this Agreement shall be governed and interpreted by the laws of the State of Arizona.

XI. NON-AVAILABILITY OF FUNDS

In accordance with A.R.S. § 35-154, every payment obligation of the GVA under the Agreement is conditioned upon the availability of funds appropriated or allocated for payment of such obligation. If funds are not allocated and available for the continuance of this Agreement, this Agreement may be terminated by the GVA at the end of the period for which funds are available. No liability shall accrue to the GVA in the event this provision is

exercised, and the GVA shall not be obligated or liable for any future payments or for any damages as a result of termination under this paragraph.

XII. AUDIT

In accordance with A.R.S. § 35-214, Grantee shall retain and shall contractually require each contractor and subcontractor to retain all data, books and other records ("records") relating to this Agreement for a period of five years after completion of the Agreement. All records shall be subject to inspection and audit by the GVA at reasonable times. Upon request, Grantee shall produce the original of any or all such records.

XIII. CONFLICT OF INTEREST

In accordance with A.R.S. § 38-511, the GVA may within three years after execution cancel the Agreement, without penalty or further obligation, if any person significantly involved in initiating, negotiating, securing, drafting or creating the Agreement on behalf of the GVA, at any time while the Agreement is in effect, becomes an employee or agent or any other party to the Agreement in any capacity or a consultant to any other party of the Agreement with respect to the subject matter of the Agreement.

XIV. FUND MANAGEMENT

The Grantee must maintain funds received under this Agreement in separate ledger accounts and cannot mix these funds with other sources. The Grantee must manage funds according to applicable federal regulations for administrative requirements, cost principles and audits.

The Grantee must maintain adequate business systems to comply with Federal requirements. The business systems that must be maintained are:

- A. Financial Management
- B. Procurement
- C. Personnel
- D. Property
- E. Travel

A system is adequate if it is: 1) written; 2) consistently followed - it applies in all similar circumstances; and 3) consistently applied – it applies to all sources of funds. The Grantor reserves the right to review all business systems policies.

XV. UEI/SAM.GOV

In accordance with FAR 4.1102, each recipient who is awarded \$30,000 or more in Federal funding must provide the following prior to an Agreement being executed: (a) Unique Entity Identifier (UEI) number for the fiscal agent; and (b) proof of current registration in the SAM.gov (SAM) website. SAM registration must be maintained for the term of the Agreement. SAM registration information may be found at <https://sam.gov/content/home>.

XVI. FFATA REPORTING REQUIREMENTS

In compliance with the Federal Funding Accountability and Transparency Act of 2006 Reporting Requirements, Pub. L. No. 109-282, 120 Stat. 1186, as amended by Section 6202 (a) of Pub. L. No. 110-252, the Grantee is required to provide information. The FFATA legislation requires information on federal awards (federal financial assistance and expenditures) to be made available to the public via a single, searchable website, which is www.USASpending.gov.

XVII. CHANGE ORDERS

This Agreement may be changed to allow for revisions or additions to the scope of work contemplated herein, which may require an increase or decrease in anticipated expenses. GVA and Grantee must mutually agree on any change order and GVA may, at its discretion, assign or award any remaining services and funding in whole or in part, to another entity to complete substantially similar work. Grantee shall reasonably cooperate with such

assignment or award, which may include, at GVA's discretion, execution by Grantee of an assignment or termination of this Agreement and forwarding of pertinent documentation to GVA and/or such other entity.

XVIII. NON-DISCRIMINATION

The Parties shall comply with Executive Orders 2023-01, 2023-09, and 2009-09, and any and all other applicable Federal and State laws, rules and regulations, including the Americans with Disabilities Act. These provisions will be included in contracts with Subcontractors when required by Federal or State law.

XIX. INSURANCE AND INDEMNIFICATION

To the fullest extent permitted by law, Grantee shall defend, indemnify, and hold harmless the State of Arizona, and its departments, agencies, boards, commissions, universities, officers, officials, agents, and employees (hereinafter referred to as "Indemnitee") from and against any and all claims, actions, liabilities, damages, losses, or expenses (including court costs, attorneys' fees, and costs of claim processing, investigation and litigation) (hereinafter referred to as "Claims") for bodily injury or personal injury (including death), or loss or damage to tangible or intangible property caused, or alleged to be caused, in whole or in part, by the negligent or willful acts or omissions of Grantee or any of its owners, officers, directors, agents, employees or subgrantees. This indemnity includes any claim or amount arising out of, or recovered under, the Workers' Compensation Law or arising out of the failure of such Grantee to conform to any federal, state, or local law, statute, ordinance, rule, regulation, or court decree. It is the specific intention of the parties that the Indemnitee shall, in all instances, except for Claims arising solely from the negligent or willful acts or omissions of the Indemnitee, be indemnified by Grantee from and against any and all claims. It is agreed that Grantee will be responsible for primary loss investigation, defense, and judgment costs where this indemnification is applicable. In consideration of the execution of this contract, the Grantee agrees to waive all rights of subrogation against the State of Arizona, its officers, officials, agents, and employees for losses arising from the work performed by the Grantee for the State of Arizona. This indemnity shall not apply if the grantee or sub-grantee(s) is/are an agency, board, commission or university of the State of Arizona.

As the Recipient is a public entity, it shall provide a certificate of self-insurance delivered by mail, email or hand delivery to:

Governor's Accounting Office
1700 W. Washington St.
Suite 500
Phoenix, AZ 85007
procurement@az.gov

XX. NOTICES

Grantee shall address all notices relative to this Agreement to the GVA to:

Gabriel Sanchez Munoz
Energy Grants Program Manager
1700 W. Washington
Suite 500
Phoenix, AZ 85007
gsanchezmunoz@az.gov

The GVA shall address all notices relative to this Agreement to Grantee:

Danielle Bouchever, Grant Writer
City of Bisbee
118 Arizona Street
Bisbee, AZ 85603
daniellebouchever@hotmail.com

IN WITNESS WHEREOF, the Parties hereto agree to execute this Agreement.

CITY OF BISBEE

<i>Matthew Gurney</i>	08/05/26
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Matthew Gurney
Director of Public Works

Date

**STATE OF ARIZONA,
THE OFFICE OF THE GOVERNOR**

<i>Maren Mahoney</i>	08/05/2026
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Maren Mahoney (Aug 5, 2026 14:35:26 PDT)

Maren Mahoney
Director
Governor's Office of Resiliency

Date

<i>Travis Price</i>	08/05/2026
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Travis Price (Aug 5, 2026 14:40:25 PDT)

Travis Price
Compliance, Finance and Procurement Manager
Governor's Accounting Office

Date

City of Bisbee-City Hall Solar Photovoltaic Resiliency Project

Proposal Materials for Arizona Governor's Office of Resiliency

1. Executive Summary

The City of Bisbee requests funding to install a solar photovoltaic and battery backup system at the newly constructed City Hall at **118 Arizona Street, Bisbee, Arizona**. The project will provide renewable energy generation, and emergency backup capability so that City Hall can remain operational during utility outages and emergency events.

City Hall is a critical public facility. In the event of wildfire, severe weather, utility disruption, or other emergencies, the building serves as both a **community shelter** and an **incident command center**. Maintaining electrical service at City Hall is essential to sustaining emergency communications, coordination of first responders, continuity of government operations, and protection of the public.

The proposed project restores a resiliency component that was part of the original building planning but was deferred because construction cost overruns in other areas required the City to prioritize core building completion. The City now seeks to complete that original resiliency vision through installation of a dedicated solar and battery backup system.

The project consists of a **solar canopy adjacent to City Hall**, hybrid inverter equipment, switch gear, and all associated electrical infrastructure and labor needed to connect the system to City Hall's critical loads. The site plan shows the intended location east of the building.

Based on the available design materials, the proposed system includes approximately **144 solar modules, three hybrid inverters**. The 2022 equipment estimate identifies 144 LONGi 355W modules and three Sol-Ark 15K hybrid inverters.

The canopy concept is shown as a **24' x 110' steel shade carport canopy**.

Expected outcomes include:

- Deployment of on-site renewable energy generation for City Hall
- Reduced dependence on grid electricity and fossil-fuel-based energy
- Improved energy resilience for emergency sheltering and incident command
- Reduced operating costs over time through on-site solar generation

The City proposes to complete the project within **12 months** of notice to proceed, including design confirmation, procurement, installation, testing, and commissioning.

2. Scope of Work

Project Purpose

The purpose of this project is to install a resilient, on-site solar system for the new Bisbee City Hall.

Project Location

City of Bisbee City Hall
118 Arizona Street
Bisbee, Arizona

The site plan shows the solar canopy along the east side of the City Hall property, adjacent to the alley and near the battery room.

Project Components

The project will include the following major components:

A. Solar Canopy

- Fabrication and installation of one steel parking canopy
- Approximate canopy dimensions: **24 feet by 110 feet**
- Structural engineering, footing work, freight, and installation
- PV-ready canopy for mounting solar modules

B. Solar Photovoltaic System

- Approximately **144 PV modules** identified in the original equipment estimate
- Associated racking, wiring, disconnects, conduit, and balance-of-system materials
- Interconnection to City Hall electrical infrastructure

C. Hybrid Inverter and Electrical Integration

- Installation of **three hybrid inverters** sized for three-phase application
- AC and DC disconnects, switchgear tie-in, load management controls, and commissioning
- Electrical work needed to serve critical municipal loads during outages

D. Design Verification, Permitting, and Commissioning

- Final engineering review and verification of existing drawings and equipment compatibility
- Procurement support and construction oversight
- Testing, startup, commissioning, staff orientation, and closeout documentation

Tasks:

Task 1: Final Design Confirmation and Procurement

Review prior plans, verify code compliance, confirm equipment availability, update pricing, and issue procurement documents.

Task 2: Site Preparation

Prepare canopy footing area and battery equipment room; coordinate trenching, pads, and conduit pathways.

Task 3: Canopy Fabrication and Installation

Construct and install the steel solar canopy and complete structural inspections.

Task 4: Solar Equipment Installation

Install PV modules, racking, electrical components, inverters, and associated equipment.

Task 5: Electrical Interconnection and Commissioning

Complete tie-in to City Hall electrical system, test islanding and backup functions, conduct commissioning, and place system into service.

3. Energy Generation, Cost Savings, and Environmental Benefits Overview

The City of Bisbee's City Hall Solar Photovoltaic Project will generate clean, renewable electricity while strengthening the energy resilience of a critical municipal facility. The proposed solar photovoltaic (PV) system will offset electricity currently purchased from Arizona Public Service (APS) and reduce the City's dependence on fossil-fuel-based grid power.

City Hall functions as the **primary emergency operations center and community shelter during emergencies**, making reliable electrical service essential for maintaining public safety, communications, and continuity of government operations. The installation of a solar photovoltaic reducing long-term municipal energy costs.

Based on the proposed system configuration of approximately **144 solar modules and hybrid inverter systems**, the solar array is expected to provide approximately **51 kW of installed solar capacity**.

Under typical solar conditions in southern Arizona, the system is estimated to generate approximately **98,500 kilowatt-hours (kWh) of electricity annually**. This level of production is consistent with solar performance in Cochise County and aligns with earlier feasibility estimates prepared during the City Hall planning process. The preliminary architectural feasibility report estimated approximately **\$12,800 in annual electricity cost savings** associated with the solar system.

For planning purposes, this proposal uses a conservative blended electricity rate of **\$0.13 per kWh**, reflecting current municipal and commercial electricity costs under Arizona Public Service (APS) service.

Estimated Solar Energy Production

Metric	Value
Estimated solar capacity	~51 kW DC
Estimated annual electricity generation	~98,500 kWh
Estimated APS electricity value	~\$0.13 per kWh
Estimated annual energy savings	~\$12,800

These estimates reflect conservative assumptions and do not include additional savings from peak demand reduction or potential future electricity rate increases.

Projected Energy Generation and Cost Savings

The solar photovoltaic system will generate renewable electricity each year, reducing the City's electricity purchases from APS. Over time, the cumulative value of this generation represents substantial savings for municipal operations.

Time Period	Renewable Energy Generated	Estimated Utility Cost Savings
1 Year	98,518 kWh	\$12,807
3 Years	295,555 kWh	\$38,422
5 Years	492,592 kWh	\$64,037
10 Years	985,185 kWh	\$128,074

These projections assume stable electricity pricing and represent conservative estimates. Actual savings may increase if electricity rates rise over time or if battery storage allows the City to reduce peak demand charges.

Avoided Carbon Emissions

In addition to reducing municipal energy costs, the proposed project will significantly reduce greenhouse gas emissions associated with electricity generation.

Electricity produced from solar energy replaces electricity that would otherwise be supplied by fossil-fuel-based power generation. Using U.S. Environmental Protection Agency emissions estimates of approximately **0.85 pounds of carbon dioxide (CO₂) per kWh of grid electricity**, the solar system will avoid substantial emissions over time.

Estimated Emissions Reduction

Time Period	CO ₂ Emissions Avoided
1 Year	~41.8 metric tons
3 Years	~125.4 metric tons
5 Years	~209 metric tons
10 Years	~418 metric tons

Over a ten-year period, this emissions reduction is equivalent to removing approximately **90 passenger vehicles from the road for one year** or avoiding the combustion of roughly **46,000 gallons of gasoline**.

These environmental benefits directly support Arizona's clean energy, climate resilience, and sustainability goals.

APS Program and Rate Structure Benefits

The City of Bisbee receives electric service from **Arizona Public Service (APS)**. APS programs allow customers with solar photovoltaic systems to reduce their electricity purchases through on-site renewable energy generation.

Under APS solar interconnection policies:

- Solar generation reduces electricity purchased from the grid
- Excess solar production may receive export credits under APS net-billing rules
- Solar generation helps mitigate exposure to future electricity rate increases

During normal operations, the solar system will offset electricity purchased from APS.

Long-Term Community Value

Over the expected 25-year life of the solar system, the project will generate millions of kilowatt-hours of renewable electricity while providing long-term financial and environmental benefits to the City of Bisbee.

The project will provide two primary long-term benefits:

1. Reduced municipal operating costs

On-site solar generation will lower electricity expenditures for the City and reduce long-term operating costs for taxpayers.

2. Reduced greenhouse gas emissions and increased renewable energy use

The project will reduce reliance on fossil-fuel-based electricity while contributing to Arizona's clean energy and climate resilience goals.

4. Detailed Budget

The latest major equipment estimate is from May 2022 and the canopy estimate is from November 2024. The City has adjusted the older 2022 equipment costs upward to reflect escalation in solar equipment, electrical materials, freight, and contractor pricing. The generator-related material and the battery backup has been excluded because it is not part of this request.

Budget Summary

Category	City of Bisbee Match	Grant Request	Total
Solar PV equipment (modules, inverters, shipping)	\$0	\$112,000	\$112,000
Solar canopy fabrication and installation	\$64,000	\$42,000	\$106,000
Electrical installation and integration	\$0	\$25,000	\$25,000
Engineering, permitting, commissioning	\$0	\$6,000	\$6,000

Category	City of Bisbee Match	Grant Request	Total
Total Project Cost	\$64,000	\$185,000	\$249,000

Requested EECBG Funding- \$185,000

City Contribution- \$64,000

Budget Detail and Justification

1. Solar PV, and Electrical Equipment — \$112,000

Includes PV modules, inverters, wiring, disconnects, and associated equipment. Updated pricing reflects current market conditions.

2. Canopy – \$106,000

The November 27, 2024 proposal for a steel shade carport canopy is **\$84,890** and includes materials, fabrication, wet-stamped structural engineering, freight, drilled pier footings, and installation.

The City has increased this amount to allow for prevailing wage conditions, bid validity expiration, procurement timing, and minor escalation.

3. Electrical Installation and integration – \$25,000

This line covers licensed electrical labor and materials necessary to install the PV system, connect inverter systems, and integrate the system with City Hall's critical electrical loads. This includes conduit, breakers, disconnects, terminations, controls, labeling, testing, and startup support.

4. Engineering & Permitting – \$6,000

This line covers:

- Final engineering review
- Plan updates as needed
- Permit coordination
- Inspection support
- Final testing and commissioning
- Owner training and closeout documentation

5. Project Timeline

The City proposes a 12-month implementation schedule from notice to proceed.

Month	Activity
1	Grant agreement, kickoff meeting, procurement and compliance review
1-2	Final design verification, engineering review, permitting coordination
2-4	Procurement of canopy, PV equipment, inverters, and electrical materials
4-5	Site preparation, layout, trenching, pads
5-7	Fabrication and installation of solar canopy
7-9	Installation of PV modules, inverters, and electrical components
9-10	Electrical interconnection, controls integration, testing of backup functions
10-11	Commissioning, punch list completion, staff orientation
12	Final acceptance, reporting, and project closeout

Budget Detail and Justification

5. Solar PV, and Electrical Equipment — \$112,000

Includes PV modules, inverters, wiring, disconnects, and associated equipment. Updated pricing reflects current market conditions.

6. Canopy – \$106,000

The November 27, 2024 proposal for a steel shade carport canopy is **\$84,890** and includes materials, fabrication, wet-stamped structural engineering, freight, drilled pier footings, and installation.

The City has increased this amount to allow for prevailing wage conditions, bid validity expiration, procurement timing, and minor escalation.

7. Electrical Installation and integration – \$25,000

This line covers licensed electrical labor and materials necessary to install the PV system, connect inverter systems, and integrate the system with City Hall's critical electrical loads. This includes conduit, breakers, disconnects, terminations, controls, labeling, testing, and startup support.

8. Engineering & Permitting – \$6,000

This line covers:

- Final engineering review
- Plan updates as needed
- Permit coordination
- Inspection support
- Final testing and commissioning
- Owner training and closeout documentation

6. Project Timeline

The City proposes a 10-month implementation schedule from notice to proceed.

Month	Activity
1	Grant agreement, kickoff meeting, procurement and compliance review
1-2	Final design verification, engineering review, permitting coordination
2-4	Procurement of canopy, PV equipment, inverters, and electrical materials
4-5	Site preparation, layout, trenching, pads
5-6	Fabrication and installation of solar canopy
6-7	Installation of PV modules, inverters, and electrical components
8-9	Electrical interconnection, controls integration, testing of backup functions
9	Commissioning, punch list completion, staff orientation
10	Final acceptance, reporting, and project closeout

7. Community Benefits and Justice40 Narrative

The City of Bisbee's City Hall Solar Photovoltaic and Battery Backup Resiliency Project will provide direct resilience, economic, and environmental benefits to the entire community, particularly residents identified as disadvantaged through federal environmental justice screening tools.

Benefits to Disadvantaged Communities

Bisbee is identified as a disadvantaged community under multiple federal screening tools, including the **Climate and Economic Justice Screening Tool (CEJST)** and the **U.S. Department of Energy Justice Dashboard**. The city's census tracts (04003001000, 04003001100, and 04003001200) meet CEJST criteria for disadvantaged communities due to multiple environmental and socioeconomic burdens.

The community also has a **CDC Social Vulnerability Index (SVI) greater than 0.9**, indicating very high vulnerability compared with other U.S. communities.

Cochise County is further identified through FEMA's **National Risk Index** as having relatively high hazard risk compared with national averages.

Bisbee has a population of approximately **4,923 residents**, with **20.2% living below the poverty line** and a **per capita income of \$31,643**, well below the national average. The community has a relatively older population, with a **median age of approximately 60**, meaning many residents live on fixed incomes and are particularly vulnerable during emergencies.

In addition, **27.3% of residents identify as Hispanic**, and nearly **20% of households speak Spanish at home**, underscoring the importance of resilient public infrastructure that supports diverse community needs.

City Hall serves the entire community, including **3,422 residential properties, 172 commercial properties, 27 public buildings, 23 schools or houses of worship, and 15 critical infrastructure facilities**, while the city also hosts approximately **200,000 visitors annually**.

Community Engagement and Local Priority

The solar resiliency system was originally included in the design planning for the new City Hall facility, demonstrating that the project has already been identified as a priority through municipal planning and community investment processes. Although the system was deferred due to construction cost constraints, the City has continued to pursue implementation of this resiliency component. Ongoing coordination with the Arizona Governor's Office of Resiliency further demonstrates alignment with statewide priorities for renewable energy deployment and climate resilience.

Job Creation and Workforce Benefits

The project will support **clean energy workforce development in Arizona** through engineering, fabrication, electrical installation, and system commissioning. Implementation will prioritize the use of Arizona-based contractors and suppliers where feasible. Workforce benefits will include

licensed electricians, solar installers, and construction professionals engaged during the installation phase. All construction work will comply with **Davis-Bacon prevailing wage requirements**, ensuring fair wages and high-quality job opportunities.

Justice40 Benefits

This project advances the goals of the **Justice40 Initiative** by directing clean energy investment toward a rural community with high social vulnerability and limited resources. The project will increase energy resilience for a critical public facility, reduce greenhouse gas emissions through renewable energy generation, and ensure that emergency services remain available during power outages. Because City Hall serves as a community emergency shelter and coordination center, the benefits of this project will flow broadly to the entire population, including disadvantaged residents identified through CEJST and related screening tools. The City anticipates that **at least 40% of the project's benefits will accrue to disadvantaged community members**, consistent with Justice40 objectives.

8. Proposed Performance Metrics

Based on the EECBG framework described in the RFGA and the project type, the following metrics are appropriate for this proposal. The final Exhibit C selections should match the State's form, but these are good narrative metrics to include now.

Primary Metrics

- **On-site renewable energy deployed (kW)**
- **Estimated annual energy generated (kWh/year)**
- **Estimated reduction in grid electricity consumption**
- **Increase in energy resilience for critical municipal operations**

Process Metrics

- Completion of final engineering and procurement
- Canopy installation completed
- PV system installed and interconnected
- Emergency backup functionality tested and verified
- Project completed within grant period

Project-Specific Metric Targets

You can present these as estimated values pending final engineering:

- **Solar generation capacity installed:** approximately **51 kW DC** based on 144 modules at 355W each
- **Canopy installed:** one solar canopy, approximately **24' x 110'**
- **Critical public facility with backup capability:** 1
- **Public emergency facility served:** 1 City Hall functioning as shelter and incident command center
- **Estimated annual utility cost savings:** the preliminary feasibility report estimated potential reduced utility cost at **\$12,807 annually**

Resilience and Justice40 Benefit Metrics

- Number of critical municipal functions supported during outage events
- Number of community members served indirectly through shelter and emergency response capacity
- Number of Arizona contractors and trades engaged in project implementation
- Demonstrated increase in resilience for a public-serving facility located in Bisbee

9. Technical Merit and Feasibility Narrative

This project is highly feasible because it is based on prior planning, conceptual design work, and documented equipment and site layouts already prepared for the City Hall project. Supporting materials include a site plan, canopy design documents, and equipment estimates.

The project is not speculative. The feasibility report already identifies the need, site suitability, approximate square footage, and expected public purpose, and concludes that the facility is suitable and beneficial.

The site adjacent to City Hall has already been contemplated for this purpose, reducing project uncertainty. The canopy proposal and structural drawings further demonstrate that the basic concept has been developed to a level sufficient for final verification and implementation.

Potential challenges include updated pricing, final equipment availability, and confirmation of electrical interconnection details with the completed City Hall building. The City will address these through final engineering review, updated procurement, and careful construction sequencing.

10. Closing Request

The City of Bisbee respectfully requests **\$180,000** in grant funding for the City Hall Solar Photovoltaic Resiliency Project. This project will complete a critical resiliency feature originally planned for the new City Hall, reduce reliance on fossil-fuel-based electricity, and ensure that Bisbee can continue serving the public during emergencies.



State of Arizona
Governor's Office of Resiliency
Summary of Award

1. Type of Agreement Grant Award	2. Title of Grant Arizona Energy Efficiency and Conservation Block Grant Program (EECBG)		3. Action Type Initial Award	4. Amendment No. 0
5. Contract No. IGA-EBG-CB-060126-01	6. Effective Date 6/1/2026	7. Performance Period 6/1/2026 – 4/30/2027	8. Sponsoring Federal Agency United States Department of Energy	
9. Grantee Name City of Bisbee 118 Arizona Street Bisbee, AZ 85603	10. Grantee ID EIN: 86-6000235 UEI: LMH1JE4K3061	11. Grantee's Program Name City Hall Solar Photovoltaic Resiliency Project	12. CFDA No. 81.128	
			13. FAIN No. DE-SE0000345	
14. Award Info Grant Funding: \$185,000.00	15. Agreement Type Cost Reimbursement	18. Program Report Contact Gabriel Sanchez Munoz Energy Grants Program Manager 1700 W. Washington Suite 500 Phoenix, AZ 85007 gsanchezmunoz@az.gov	19. Statutory Authority Infrastructure Investment and Jobs Act (IIJA) of 2021—also known as the Bipartisan Infrastructure Law (BIL)—section 40552 A.R.S. §11-952 et al	
	16. Method of Payment Electronic or Warrant			
	17. Financial Reporting Monthly/quarterly 20 days after month/quarter end			
20. Program Reporting Programmatic Reports Due: A. July 20, 2026 B. October 20, 2026 C. January 1, 2027 D. April 20, 2027 E. May 14, 2027 The Governor's Office of Resiliency shall provide the forms for the quarterly reports and requests for reimbursement.	21. Remittance Address State of Arizona Governor's Accounting Office 1700 W. Washington Suite 500 Phoenix, AZ 85007 grantrfr@az.gov	22. Grantee Program Contact Danielle Bouchever Grant Writer City of Bisbee 118 Arizona Street Bisbee, AZ 85603 daniellebouchever@hotmail.com	23. Grantee Financial Contact Keri Bagley Finance Director City of Bisbee 118 Arizona Street Bisbee, AZ 85603 kbagley@bisbeeaz.gov	
24. Special Conditions (reserved)				