

# Build Kansas Fund | Fiscal Year 2024 Application Package | Memo



To: Senator Ty Masterson, Chair, Build Kansas Advisory Committee  
Murl Riedel, Kansas Legislative Research Department  
Shauna Wake, Office of the Kansas State Treasurer

From: Vanessa Lamoreaux, Kansas Department of Transportation

RE: Build Kansas Fund Application # 2024-005-NonEDD Date:

November 22, 2023

---

Attached, please find an application made to the Build Kansas Fund by the City of Ozawkie.

The application packet includes the following items:

- Coversheet – provides a high-level overview of the application including a unique identification number for the application and tracking information for the application review and advice process. *(Page 1, bottom right corner page number reference)*
- Build Kansas Fund Application – includes information the applicant submitted with the Build Kansas Fund Application. *(Page 2-9, bottom right corner page number reference)*
- Attachments – Please note this applicant provided their Bipartisan Infrastructure Law (BIL) Program Application submitted to the Federal Emergency Management Agency (FEMA). This information is supplemental and referenced only to determine eligibility and means test criteria of the Build Kansas Fund. *(Page 10-24, bottom right corner page number reference)*

## **Project Overview**

The City of Ozawkie seeks funding from the Federal Emergency Management Agency (FEMA) to install permanent generators at the Water Systems Building, Lift Station #3 for the city's wastewater management system, and at the Emergency Command Center for the City. Power failure at these three locations would impact the water utility and emergency communications for 100% of the city, and wastewater for 12% of the city. The Ozawkie Powered Up project will add three commercial grade, permanently mounted, automatically transferred generators to the city's infrastructure.

The City of Ozawkie has submitted a BIL grant application to the Federal Emergency Management Agency (FEMA) for the Building Resilient Infrastructure and Communities (BRIC) FY22 program. The City seeks Build Kansas Funds to satisfy their local match requirement.

Applications were due on January 28, 2023. The Build Kansas Fund application was received on October 24, 2023, after the federal application submission. The Kansas Infrastructure Hub and Build

Kansas Steering Committee recommended the City of Ozawkie submit a Build Kansas Fund Application as no Federal Award has been made for this project.

### **Build Kansas Fund Steering Committee Recommendation**

The Build Kansas Fund Steering Committee reviewed this application on November 1, 2023, following a successful completeness check. The Steering Committee **RECOMMENDS APPROVAL** of Build Kansas Funding to the Build Kansas Advisory Committee for final advice.

# Build Kansas Fund | Fiscal Year 2024 Application Package | Coversheet



Build Kansas Fund Application Number	2024-005-NonEDD
Project Name	City of Ozawkie - Ozawkie Powered Up Project
Entity Type	Local Government
Economic Development District (EDD) Planning Commission	No EDD No EDD
Infrastructure Sector(s)	Energy
BIL Program	97.047 Building Resilient Infrastructure and Communities
BIL Program Type	Discretionary
BIL Application Deadline	Rolling
Build Kansas Fund Request	\$41,775 (they are actually eligible for \$43,863.75)
Technical Assistance Received	General No
	BIL Application No
	Build Kansas Fund Application Yes
	Other (Brief Description):
Application Notes	Build Kansas Fund Contribution of \$41,775 may unlock \$175,455 in federal BIL funding

<b>Steering Committee Funding Recommendation</b>	<b>11/1/2023   Approve</b>
--	----------------------------

<b>Advisory Committee Target Review</b>	<b>DATE</b>
---	-------------

<b>Advisory Committee Funding Recommendation</b>	<b>DATE   Approve or Deny</b>
--	-------------------------------

## Completeness Review Data

Date Build Kansas Application Received:	10/24/2023
Date Of Completeness Check:	10/25/2023
Date Forwarded to Steering Committee:	10/31/2023

---

Title **City of Ozawkie** 10/24/2023  
by **Christy Crews** in **Build Kansas Fund Fiscal Year 2024 Application** id. 44498566  
christycrews@gmail.com

---

**Original Submission** 10/24/2023

---

Part 1: Applicant Information

---

The name of the entity applying for the Build Kansas Fund: City of Ozawkie

---

Project Name: Ozawkie Powered Up Project

---

Entity type: Local Government

---

Applicant Contact Name: Christy Crews

---

Applicant Contact Position/Title: Grant Consultant

---

Applicant Contact Telephone Number: +18163773072

---

Applicant Contact Email Address: christycrews@gmail.com

---

Applicant Contact Address: 524 Kiowa Dr

---

Applicant Contact Address Line 2 (optional):

---

Applicant Contact City: Ozawkie

---

Applicant Contact State: Kansas

---

Applicant Contact Zip Code: 66070

---

Is the Project Contact the same as the Applicant Contact? Yes

---

Part 2: Build Kansas Fund - Eligibility Criteria

---

Certify that you are pursuing a viable Bipartisan Infrastructure Law (BIL) funding opportunity for which your entity is eligible: Yes

Certify that the Bipartisan Infrastructure Law (BIL) funding opportunity you are pursuing has a non-federal match component: Yes

What is the primary county that the project will occur in? Jefferson County

The Build Kansas Fund is intended to support Kansas-based infrastructure projects. Please provide a list of all the zip codes this project will be located in, along with an estimated percent [%] of the project located in that zip code. For example, if seeking funding for road infrastructure, provide a rough percent of the roads expected in each zip code:

[Zip Code Percentage.xlsx](#)

---

Part 3: Bipartisan Infrastructure Law (BIL) - Grant Application Information  
Please Note: This information is related to the federal Bipartisan Infrastructure Law (BIL) funding opportunity to which you will apply. This is NOT information for the Build Kansas Match Fund.

---

Please enter the Bipartisan Infrastructure Law (BIL) funding opportunity title that the entity is applying for: Building Resilient Infrastructure and Communities

What is the federal funding agency for this Bipartisan Infrastructure Law (BIL) funding opportunity? Federal Emergency Management Agency (FEMA)

What is the Assistance Listing Number (ALN) for this Bipartisan Infrastructure Law (BIL) funding opportunity? 97.047

---

What is the application due date for this Bipartisan Infrastructure Law (BIL) funding opportunity? 1/28/2022

---

What is the federal fiscal year for this Bipartisan Infrastructure Law (BIL) funding opportunity? 2024

---

Enter the amount of funding being applied for, from the Bipartisan Infrastructure Law (BIL) funding opportunity: \$175,455.0

---

#### Part 4: Build Kansas Fund - Match Application Information

---

Enter the match amount requested from the Build Kansas Fund: \$41,775.0

---

Is the project able to move forward with a lesser match amount than requested? Yes

---

If you are awarded less match than the amount requested, at what amount would your project NOT be able to move forward? \$30,000.0

---

Expected breakdown of funding sources to support the project: Enter the funding source and projected amount from each source to support this project:

[Kansas DOT table.xlsx](#)

Part 5: Build Kansas Fund - Means Test

---

Confirm that there are no available funding sources currently planned to go unused by your entity that could be leveraged for this project:

Yes

Confirm there are no available American Rescue Plan Act (ARPA) or Coronavirus State & Local Fiscal Recovery Fund monies that could be used for this match:

Yes

Confirm that you have explored other readily available funding sources (federal or non-federal) to be used for this match:

Yes

Briefly describe your efforts to find other available funding sources for this project:

We have looked for additional funding sources for the match and have found none.

---

Part 6: Additional Information

---

Please upload a copy of the Bipartisan Infrastructure Law (BIL) program application associated with this request OR a 2-page executive summary providing an overview of the project:

[Ozawkie\\_Powered\\_Up\\_Project\\_Application.pdf](#)

Provide any additional information about this project (optional):

---

Part 7: Terms and Conditions

---

Understanding of Fund Release Requirements:

checked

Understanding of Use checked  
of Funds:

---

Understanding of checked  
Reporting  
Requirements:

---

Authority to Make checked  
Grant Application:

---

Persons and Titles: Loren  
The following Lutes  
persons are  
responsible for  
making this Build  
Kansas Fund  
application.

---

Position/Title: Mayor, City of Ozawkie

---

Additional:

---

Position/Title:

---

Additional:

---

Position/Title:

---

Additional:

---

Position/Title:

---

## Internal Form

---

Pre-Award Information:

---

Eligible for Build YES  
Kansas Fund?

---

ED District: Non EDD/Tribal

---

Project Primary Zip 66070.0  
Code:

---

Sector: Energy

---

Application ID: 2024-005-NonEDD

---

Application Overview  
and  
Recommendation:

---

Post-Award Information:

Awarded BIL Grant?

---

Total Awarded  
Federal Funding:

---

Total Build Kansas  
Match Fund Award:

---

Build Kansas Match  
Fund Award  
Deobligation:

---

Zip Code	% of project in zip code	State
66070	100	KS

100

Source	Amount
BIL Grant Funds	\$133,680
Build Kansas Funds	\$41,775
Applying Entity Funds	

TOTAL	\$175,455
-------	-----------

### Subapplicant information

Name of federal agency **FEMA**  
 Type of submission **Application**

### CITY OF OZAWKIE

524 KIOWA DR  
 OZAWKIE, KS 66070 United States

State	DUNS #	EIN #
KS	107204583	480775977

Subapplicant type **Local Government**  
 Is the subapplicant subject to review by Executive Order 12372 Process? **No - Not covered**  
 Is the subapplicant delinquent on any federal debt? **No**

### Contact information

#### Subrecipient Authorized Representative (SAR)

<b>Christy Crews</b>  <a href="mailto:christycrews@gmail.com">christycrews@gmail.com</a>	<b>Primary phone</b>  	<b>Mailing address</b>  
<b>Mazi Barnes</b>  <a href="mailto:cityclerk@ozawkie.org">cityclerk@ozawkie.org</a>	<b>Primary phone</b>  	<b>Mailing address</b>  

#### Point(s) of contact

<b>MS Christy Crews</b> Consultant  <a href="mailto:christycrews@gmail.com">christycrews@gmail.com</a>	<b>Primary phone</b> 8163773072 Mobile	<b>Additional phones</b> 7852133650 Work	<b>Mailing address</b> PO Box 120 Ozawkie KS 66070
	<b>Fax</b>  		

### Community

Please provide the following information. If the Congressional district number for your community does not display correctly, please contact your State NFIP coordinator.

#### Add Communities

Please find the community(ies) that will benefit from this mitigation activity by clicking on the Find communities button. If needed, modify the Congressional District number for each community by entering the updated number under the U.S. Congressional District column for that community. When finished, click the Continue button. NOTE: You should also notify your State NFIP coordinator so that the updated U.S. Congressional District number can be updated in the Community Information System (CIS) database.

Community name	County code	CID number	CRS community	CRS rating	U.S. Congressional District
OZAWKIE, CITY OF	087	200875	N		3

Please provide any additional comments below (optional).

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
----------	---------------	-------------	-------	-------------	--------

**Mitigation plan**

Please provide your plan information below.

Is the entity that will benefit from the proposed activity covered by the current FEMA approved multi-hazard mitigation plan in compliance with 44 CFR Part 201? **Yes**

**Please provide plan detail**

Plan name	Plan type	Plan approval date
Jefferson County Mitigation Plan	Local Multi-Hazard Mitigation Plan	09/09/2019
<b>Proposed activity description</b>		

Please provide any additional comments below (optional).

**The City of Ozawkie adopted the Jefferson County Mitigation Plan with a resolution passed September 9, 2019.**

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
----------	---------------	-------------	-------	-------------	--------

**Scope of work**

The project Scope of Work (SOW) identifies the eligible activity, describes what will be accomplished and explains how the mitigation activity will be implemented. The mitigation activity must be described in sufficient detail to verify the cost estimate. All activities for which funding is requested must be identified in the SOW prior to the close of the application period. FEMA has different requirements for project, planning and management cost SOWs.

Subapplication title (include type of activity and location) **Ozawkie Powered Up Project**

**Activities**

Primary activity type **Generator**  
 Primary sub-activity type **Permanent**

Secondary activity type (Optional)

Geographic areas description **Northeast Kansas, in the City of Ozawkie**

**Community lifelines**

Primary community lifeline

Energy

Primary sub-community lifeline

Power grid

Secondary community lifeline (optional)

Food, water, shelter

Secondary sub-community lifeline

Water

Tertiary community lifeline (optional)

Communications

Tertiary sub-community lifeline

Responder communications

**Hazard sources**

Primary hazard source

Severe storm

Secondary hazard source (optional)

Infrastructure failure

Tertiary hazard source (optional)

Is this a phased project?

No

Are you doing construction in this project?

Yes

Population affected

100

Detail/description of stated percentage

This project installs permanent generators at the Water Systems Building, Lift Station #3 for the city's wastewater management system, and at the Emergency Command Center for the city. Power failure at these three locations would impact the water utility and emergency communications for 100% of the city, and wastewater services for 12% of the city.

Provide a clear and detailed description of your proposed activity

We propose to add three commercial grade, permanently mounted, automatically transferred generators to the city's infrastructure: at the city Water Systems Building, Sewage Lift Station #3, and the city's designated Emergency Command Center. The generators will be mounted on concrete pads, and fueled with natural gas.

How will the mitigation activity be implemented?

The City of Ozawkie will retain services of a consultant to manage the project and an engineering firm to define specifications for the generators, pad construction and the electrical and gas hookups. Once the specifications are approved, we will solicit construction bids and multiple quotes for generators and installation of the project. After vendors are selected, the city will partner with the consultant and engineering firm to manage and inspect the construction through to completion.

Describe how the project is technically feasible and will be effective in reducing the risk by reducing or eliminating damage to property and/or loss of life in the project area. Please include engineering design parameters and references to the following: preliminary schematic or engineering drawings/design; applicable building codes; engineering practices and/or best practices; level of protection (e.g., life safety, 100-yr flood protection with freeboard, 100-yr wind design, etc.):

City of Ozawkie is currently at risk of failure of the potable water system that supplies water to 660 residents, a portion of the wastewater disposal system servicing over 30 households, and the Emergency Command Center that services the entire city should there be a loss of power to the City of Ozawkie. If there is no power to the Water Control Building, the city's available water will be limited to what is in the water storage tower. If power fails to Lift Station #3, once the lift station fills up there would be wastewater overflow at the lift station site as well as potential wastewater backup to the homes that lift station serves. The City Office is the emergency command center for the City of Ozawkie; if power were to go out, there would be no access to computers or communications equipment to coordinate recovery efforts. Emergency Command Center The existing building electrical distribution system would be modified to include an automatic transfer switch, standby generator, and standby power distribution panelboard. Existing select branch electrical circuits would be served from the new standby power panelboard. The standby system would allow for the continued operation of critical building power needs during short and long term, normal power outages at the facility. The City Office in Ozawkie serves as the emergency command center, and the city runs the water and sanitary sewer services from this facility. The township Fire Department is also located in the facility. The selected standby power circuits would support the operation of an emergency response service as well as the integrity of the sanitary sewer and domestic water systems for the residents of Ozawkie. Sanitary Sewer Lift

**Station #3** The existing sanitary sewer lift station electrical distribution system would be modified to include an automatic transfer switch and standby generator. The standby system would allow for the continued operation of the lift station during short and long term, normal power outages at the facility. This would provide the safety of a stable raw sewage pumping system for the residents of Ozawkie. Water Systems Building The existing water supply system chlorine building electrical system was designed and installed to accommodate the addition of a standby generator. A manual transfer switch is mounted at the building exterior. A standby generator would be connected to the existing manual transfer switch, allowing for continued operation of the facility during short and long term, normal power outages. This would provide the safety of a stable domestic water treatment and pumping system for the residents of Ozawkie.

Who will manage and complete the mitigation activity?

The City of Ozawkie will partner with a consultant and engineering firm for the duration of the project. The consultant will provide project and budget management services, and the engineering firm will help to define the project, design plans, solicit construction bids, and provide inspection during the construction portion of the project.

Will the project address the hazards identified and what risks will remain from all hazards after project implementation (residual risk)?

Yes, the project addresses the hazards identified. When the city has generators as power backup for the lift station, the water control building, and the emergency command center, the hazard of these systems failing due to power failure will be minimal. Any residual risk would be from a mechanical failure with the generators, which can be minimized with regular maintenance.

When will the mitigation activity take place?

Definition is almost complete, and a portion of the design for the project has already been completed by the engineering firm. The remainder of definition and design will start after the project is approved. Ideally design will complete and we will solicit construction bids Q2 or Q3 2022. Construction would begin early fall 2022, or spring of 2023, depending on contractor and materials availability.

Explain why this project is the best alternative. What alternatives were considered to address the risk and why was the proposed activity considered the best alternative?

The City of Ozawkie currently has no power backup at Lift Station #3, the Water Systems Control Building, and the Emergency Command Center location. Power failure at these locations Since the primary hazard we are preparing for is a severe storm that makes power unavailable, we need to add a reliable backup power source to these systems to prevent failure. A permanently installed generator is the most reliable source for this alternate power. We considered diesel powered generators, but natural gas is available at all locations and will be a more consistent, cheaper fuel for the generators. We also considered portable generators but in a city-wide outage, it would overwhelm our maintenance staff to place and monitor portable generators as well as the other generators in town to make sure basic water and wastewater services remained available.

Please identify the entity that will perform any long-term maintenance and provide a maintenance, schedule and cost information. The subapplicant or owner of the area to be mitigated is responsible for maintenance (including costs of long-term care) after the project is completed?

The City of Ozawkie has a maintenance crew that maintains existing generators along with a contracted vendor. They can easily incorporate maintenance of the additional drainage into the scheduled maintenance of the rest of the system.

Additional comments (optional)

The city currently permanently mounted, automatically transferred generators installed at two of the city's three lift stations in town (see photo attached, example of generator at lift station #2). The successful function of these existing generators has highlighted the need to add a generator at Lift Station #3, the Water Control Building, and the City Emergency Command Center. We plan to model the installation of the new generators on the existing ones for consistency of maintenance.

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
<a href="#">LiftStation2WithGeneratorSm2.jpg</a>	12/29/2021	cityclerk@ozawkie.org	Scope of Work Attachments	No description given.	

## Schedule

Specify the work schedule for the mitigation activities.

### Add tasks to the schedule

Please include all tasks necessary to implement this mitigation activity; include descriptions and estimated time frames.

<b>Task Name</b> Grant Award and establishing contracts with engineering partner and project manager	<b>Start Month</b> 1	<b>Task Duration (in Months)</b> 1 months	<b>Task Description</b> When the grant is awarded, the City of Ozawkie will establish contracts with the engineering partner and grant management partner.
<b>Task Name</b> Project Definition/Design	<b>Start Month</b> 1	<b>Task Duration (in Months)</b> 3 months	<b>Task Description</b> Finalize definition of the mechanical needs for the generator at each site, and site designs for placement and schematics for electrical connections.
<b>Task Name</b> Project Design Approval - Go/No Go Milestone #1	<b>Start Month</b> 3	<b>Task Duration (in Months)</b> 1 months	<b>Task Description</b> City Council to approve the project definition and design. This is a Go/No Go Milestone; if the council does not approve the project, it will not move forward.
<b>Task Name</b> Distribute Bid Request for Equipment and Construction	<b>Start Month</b> 4	<b>Task Duration (in Months)</b> 2 months	<b>Task Description</b> Develop a bid request along with the engineering firm for the equipment and construction of the generators.
<b>Task Name</b> Site Surveys	<b>Start Month</b> 4	<b>Task Duration (in Months)</b> 2 months	<b>Task Description</b> Survey and stake for placement of the generators; identify gas lines with Kansas Gas.
<b>Task Name</b> Pre-Bid Meeting	<b>Start Month</b> 4	<b>Task Duration (in Months)</b> 1 months	<b>Task Description</b> Meeting with interested vendors to review the bid request and answer questions. This will occur a couple of weeks after the request for bids is distributed.
<b>Task Name</b> Bid Opening and Vendor Selection; Go/No Go Milestone #2	<b>Start Month</b> 5	<b>Task Duration (in Months)</b> 1 months	<b>Task Description</b> Public hearing to review all bids submitted for construction and select lowest bid for construction. This is a Go/No Go Milestone; the City Council will need to approve the engagement of the lowest bid for construction; if the Council does not approve the vendor, the project cannot move forward.
<b>Task Name</b> Construction Vendor to Source Components	<b>Start Month</b> 5	<b>Task Duration (in Months)</b> 3 months	<b>Task Description</b>

Selected construction vendor orders the components he needs for construction of the drainage. The length of this task is a risk; parts shipping, sourcing generators in particular, has been unpredictable.

<b>Task Name</b> Generator Installation/Construction (pending weather)	<b>Start Month</b> 8	<b>Task Duration (in Months)</b> 3 months
	<b>Task Description</b> The vendor will begin construction and installing the generators, pending weather. Construction cannot proceed if ground is frozen or too wet from rains. Weather is a risk to push the timeline of the project.	

<b>Task Name</b> Construction Observation	<b>Start Month</b> 8	<b>Task Duration (in Months)</b> 3 months
	<b>Task Description</b> The engineering company will observe construction at milestones throughout the construction process to ensure that the generators are placed and installed to specification.	

<b>Task Name</b> Complete Construction/Punchlist	<b>Start Month</b> 11	<b>Task Duration (in Months)</b> 1 months
	<b>Task Description</b> Walkthrough with construction vendor and engineer, create punchlist of incomplete items.	

<b>Task Name</b> Complete Punchlist/ End Construction	<b>Start Month</b> 12	<b>Task Duration (in Months)</b> 2 months
	<b>Task Description</b> Construction vendor completes punchlist tasks and project is finished. Timeline Risk: if the project is finished in a cold month, arrangements for seeding may need to be scheduled at a later date, pushing the project completion date.	

Estimate the total duration of your proposed activities (in months). **14**

**Proposed project start and end dates**

Start Date **2022-03-30**

End Date **2023-05-30**

## Budget

Budget cost estimate should directly link to your scope of work and work schedule. You must add at least one item(s) greater than 0 for your cost estimate. As necessary, please adjust your federal/non-federal cost shares, and add the non-federal funding source(s) you are planning to use this project. Once you have completed this section, please click the Continue button at the bottom of this page to navigate to the next section.

### Add budget cost types and item(s)

First, click the Add cost type button below to add cost type cost estimate and then click the Add item(s) button to add the item(s) for the cost estimate.

**Grand total: \$175,455.00**

### Budget type: Construction

▶ <b>Cost type: Cost estimate</b>	<b>\$167,100.00</b>
▶ <b>Cost type: Management cost</b>	<b>\$8,355.00</b>

Program income (optional)

### Cost share

Cost share or matching means the portion of project costs not paid by federal funds.

#### Proposed federal vs. non-federal funding shares

Hazard Mitigation Assistance (HMA) funds may be used to pay up to 75% federal share of the eligible activity costs. For Building Resilient Infrastructure and communities (BRIC), small impoverished communities may be eligible for up to 90% federal share. For Flood Mitigation Assistance (FMA), and severe repetitive loss (SRL) properties may be eligible for up to 100% federal share. Repetitive loss (RL) properties may be eligible for up to 90% federal share. Flood Mitigation Assistance (FMA) and severe repetitive loss (SRL) properties may be eligible for up to 100% federal share. Repetitive loss (RL) properties may be eligible for up to 90% federal share.

	% Percentage	\$ Dollar amount
<b>Proposed federal share</b>	<b>76.19</b>	<b>133680.00</b>
<b>Proposed non-federal share</b>	<b>23.81</b>	<b>41775.00</b>
		<b>Based on total budget cost:</b>
		<b>\$175,455.00</b>

**Is this a small impoverished community?** ⓘ  
 This determines your federal/non-federal share ratio.  
 No

**Please provide justification for exceeding the allowable federal share here.**

The initial budget was figured including the management costs in the costs split between federal/non federal share. Since federal share will cover 100% of management costs, taking management costs out of the non-federal share drops it to 23.81%

#### Non-federal funding sources here

That portion of the total costs of the program provided by the non-federal entity in the form of in-kind donations or cash match received from third parties or contributed by the agency. In-kind contributions must be provided and cash expended during the project period along with federal funds to satisfy the matching requirements.

Funding source	Funding amount	% Non-federal share by source
▶ <b>Funding source: The City of Ozawkie</b>	<b>100.00%</b>	<b>\$41,775.00</b>

Please provide any additional comments below (optional).

### Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
<a href="#">Ozawkie Powered Up - Fund Commitment Letter 1.13.22.signed.docx.pdf</a>	01/13/2022	cityclerk@ozawkie.org	Budget Attachments	City of Ozawkie Fund Commitment Letter	
<a href="#">SF424_4_0-V4.0.OzPoweredUp2021.signed.pdf</a>	01/13/2022	cityclerk@ozawkie.org	Budget Attachments	Federal Funds Request	
<a href="#">SF424D-V1.1.OzPoweredUp2021Signed.pdf</a>	12/30/2021	cityclerk@ozawkie.org	Budget Attachments	Federal Assurances Form	
<a href="#">SF424C_2_0-V2.0OzPoweredUp2021.Edit.pdf</a>	01/13/2022	cityclerk@ozawkie.org	Budget Attachments	Federal Construction Budget	

### Cost-effectiveness

#### How was cost-effectiveness determined for this project?

- BCA completed in FEMA's BCA toolkit  
Subapplicant must attach supporting documentation.
- Pre-calculated benefits
- Substantial damage in special flood hazard area
- Other BCA methodology approved by FEMA in writing
- Not applicable

Not applicable

What are the total project benefits? (\$) **242897**

What are the total project cost? (\$) **209562**

What is the benefit-cost ratio (BCR) for the entire project? **1.15**

Was sea level rise incorporated into the flood elevations in the BCA? **No**

Were environmental benefits added to the project benefits? **No**

Were social benefits added to the project benefits? **No**

Does the mitigation measure incorporate nature-based solutions? **No**

Please provide any additional comments below (optional).

**Part of our BCA is based on an event that happened in our area in May of 2019. An F4 tornado hit the town of Linwood, KS in Northeast Kansas, a slightly smaller in population than Ozawkie. When the tornado hit, the residents of that area were without power for almost 3 days. If a storm of this type were to hit in or near Ozawkie, we would have no emergency command center, the town would be without water and then on a boil order for a week or more after water was restored, and 12% of our residents would be at risk for sewer backup. This storm did not happen in our town, but it did occur just 40 miles away.**

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
<a href="#">Linwood Tornado Background.docx</a>	01/13/2022	cityclerk@ozawkie.org	Cost Effectiveness Attachments	Information on the Linwood, KS tornado; power outage information used in BCA	
<a href="#">Version 6.0.0. Build 20211202BCA Ozawkie Powered UP.pdf</a>	12/30/2021	cityclerk@ozawkie.org	Cost Effectiveness Attachments	BCA	
<a href="#">JISEA GGenerator Study.pdf</a>	12/30/2021	cityclerk@ozawkie.org	Cost Effectiveness Attachments	Generator study showing effectiveness of gas powered generators	
<a href="#">OzawkieOutageHistory2014-2021.pdf</a>	12/30/2021	cityclerk@ozawkie.org	Cost Effectiveness Attachments	electrical outage information for the City of Ozawkie, provided by Evergy	
<a href="#">InvoiceGeneratorMaintenance.pdf</a>	12/30/2021	cityclerk@ozawkie.org	Cost Effectiveness Attachments	Invoice for generator maintenance from 2021 for one of our existing generators	
<a href="#">Linwood Outage History - Incl 2019 Tornado.pdf</a>	12/30/2021	cityclerk@ozawkie.org	Cost Effectiveness Attachments	Information provided by Evergy; Linwood Tornado emergency 2019	

**Environmental/Historic Preservation (EHP) Review Information**

**Introduction**

An environmental/historic preservation review is required for all activities for which FEMA funds are being requested. FEMA will complete this review with the assistance of both the state or tribal government and the local applicant. It is important that you provide accurate information. If you are having problems completing this section, please contact your application point of contact.

**A. National Historic Preservation Act - Historic Buildings and Structures**

1. Does your project affect or is it in close proximity to any buildings or structures 50 years or more in age? **No**

**Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please attach the required documents below.)**

- The property address and original date of construction for each property affected (unless this information is already noted in the Properties section).
- A minimum of two color photographs showing at least three sides of each structure (Please label the photos accordingly).
- A diagram or USGS 1:24,000 scale quadrangle map displaying the relationship of the property (s) to the project area.

**To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)**

- Information gathered about potential historic properties in the project area, including any evidence indicating the age of the building or structure and presence of buildings or structures that are listed or eligible for listing on the National Register of Historic Places or within or near a National Register listed or eligible historic district. Sources for this information may include the State Historic Preservation Officer, and/or the Tribal Historic Preservation Officer (SHPO/THPO), your local planning office, historic preservation organization, or historical society.
- Consideration of how the project design will minimize adverse effects on known or potential historic buildings or structures, and any alternatives considered or implemented to avoid or minimize effects on historic buildings or structures. Please address and note associated costs in your project budget.
- For acquisition/demolition projects affecting historic buildings or structures, any data regarding the consideration and feasibility of elevation, relocation, or flood proofing as alternatives to demolition.
- Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Please provide an explanation and any information about this project that could assist FEMA in its review.

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
----------	---------------	-------------	-------	-------------	--------

**B. National Historic Preservation Act - Archeological Resources**

Does your project involve disturbance of ground? **Yes**

**Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please attach the required documents below.)**

- A description of the ground disturbance by giving the dimensions (area, volume, depth, etc.) and location.
- The past use of the area to be disturbed, noting the extent of previously disturbed ground.
- A USGS 1:24,000 scale or other site map showing the location and extent of ground disturbance.

**To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)**

- Any information about potential historic properties, including archeological sites, in the project area. Sources of this information may include SHPO/THPO, and/or the Tribe's cultural resources contact if no THPO is designated. Include, if possible, a map showing the relation of any identified historic properties to the project area.
- Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

**There is a document describing the ground disturbance and past use of the area to be disturbed attached.**

Please provide an explanation and any information about this project that could assist FEMA in its review.

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
<a href="#">Ozawkie Powered Up Ground Disurbance.pdf</a>	12/29/2021	cityclerk@ozawkie.org	involveDisturbanceOfGround.attachmentIds	No description given.	
<a href="#">GIS Map Ozawkie Powered Up 12.2021.pdf</a>	12/29/2021	cityclerk@ozawkie.org	involveDisturbanceOfGround.attachmentIds	No description given.	

**C. Endangered Species Act and Fish and Wildlife Coordination Act**

1. Are federally listed threatened or endangered species or their critical habitat present in the area affected by the project? **No**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please provide the required documents either through attachment and/or comment box below.)

Information you obtained to identify species in or near the project area. Provide the source and date of the information cited.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Any request for information and associated response from the USFWS, the National Marine Fisheries Service (NMFS) (for affected ocean-going fish), or your State Wildlife Agency, regarding potential listed species present and potential of the project to impact those species.

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Please provide an explanation and any information about this project that could assist FEMA in its review.

2. Does your project remove or affect vegetation? **Yes**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please provide the required documents either through attachment and/or comment box below.)

Description of the amount (area) and type of vegetation to be removed or affected.

A site map showing the project area and the extent of vegetation affected.

Photographs or digital images that show both the vegetation affected and the vegetation in context of its surroundings.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

**We will disturb 10' x 10', and 20'x 18" of vegetation at 2 locations with this project. The vegetation is native and domestic grasses, which are currently mowed and trimmed. A map of the area and location of the place we will disturb is attached in section B.**

Please provide an explanation and any information about this project that could assist FEMA in its review.

3. Is your project in, near (within 200 feet), or likely to affect any type of waterway or body of water? **No**

If Yes, and project is not within an existing building, you must confirm that you have provided the following: (If you have not provided these documents in any other section of the application, please attach the required documents below.)

A USGS 1:24,000 scale quadrangle map showing the project activities in relation to all nearby water bodies (within 200 feet).

Any information about the type of water body nearby including: its dimensions, the proximity of the project activity to the water body, and the expected and possible changes to the water body, if any. Identify all water bodies regardless whether you think there may be an effect.

A photograph or digital image of the site showing both the body of water and the project area.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Evidence of any discussions with the US Fish and Wildlife Service (USFWS), and/or your State Wildlife Agency concerning any potential impacts if there is the potential for the project to affect any water body.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
----------	---------------	-------------	-------	-------------	--------

**D. Clean Water Act, Rivers and Harbors Act, and Executive Order 11990 (Protection of Wetlands)**

1. Will the project involve dredging or disposal of dredged material, excavation, adding fill material or result in any modification to water bodies or wetlands designated as 'waters of the U.S.' as identified by the US Army Corps of Engineers or on the National Wetland Inventory? **No**

**E. Executive Order 11988 (Floodplain Management)**

1. Does a Flood Insurance Rate Map (FIRM), Flood Hazard Boundary Map (FHBM), hydrologic study, or some other source indicate that the project is located in or will affect a 100 year floodplain, a 500 year floodplain if a critical facility, an identified regulatory floodway, or an area prone to flooding? **No**
2. Does the project alter a watercourse, water flow patterns, or a drainage way, regardless of its floodplain designation? **No**

**F. Coastal Zone Management Act**

1. Is the project located in the state's designated coastal zone? **No**

**G. Farmland Protection Policy Act**

1. Will the project convert more than 5 acres of prime or unique farmland outside city limits to a non-agricultural use? **No**

**H. Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (Hazardous and Toxic Materials)**

1. Is there a reason to suspect there are contaminants from a current or past use on the property associated with the proposed project? **No**
2. Are there any studies, investigations, or enforcement actions related to the property associated with the proposed project? **No**
3. Does any project construction or operation activities involve the use of hazardous or toxic materials? **No**
4. Do you know if any of the current or past land-uses of the property affected by the proposed project or of the adjacent properties are associated with hazardous or toxic materials? **No**

**I. Executive Order 12898, Environmental Justice for Low Income and Minority Populations**

1. Are there low income or minority populations in the project's area of effect or adjacent to the project area? **No**

**J. Other Environmental/Historic Preservation Laws or Issues**

1. Are there other environmental/historic preservation requirements associated with this project that you are aware of? **No**
2. Are there controversial issues associated with this project? **No**
3. Have you conducted any public meeting or solicited public input or comments on your specific proposed mitigation project? **Yes**

If Yes, please indicate in the text box below a description of the requirements, issues or public involvement effort.

The project was presented and discussed at the September 2021 and November 2021 Ozawkie City Council Meetings. The City Council approved work on the letter of intent and the grant application for the Powered Up project.

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
----------	---------------	-------------	-------	-------------	--------

**K. Summary and Cost of Potential Impacts**

Having answered the questions in parts A. through J., have you identified any aspects of your proposed project that have the potential to impact environmental resources or historic properties? **No**

**Evaluation**

Is the applicant participating in the [Community Rating System \(CRS\)](#)? **No**

Is the applicant a [Cooperating Technical Partner \(CTP\)](#)? **No**

Was this created from a previous FEMA HMA Advance assistance / Project scoping award? **No**

Has the applicant adopted building codes consistent with the [international codes](#)? **Yes**

Year of building code **2007**

Please provide the building code. **2007/2008 International Building Code**

Have the applicant's building codes been assessed on the [Building Code Effectiveness Grading Schedule \(BCEGS\)](#)? **No**

Describe involvement of partners to enhance the mitigation activity outcome. **The City of Ozawkie has partnered with NQSM Consultants and CES Engineering Partners to develop this application; to help to define a project that would alleviate the risk of power outage for essential services, and to provide project management.**

Discuss how anticipated future conditions are addressed by this project. **The Powered Up project will help to prevent failure of multiple facets of city infrastructure during an emergency power outage. This project would impact every citizen in the City of Ozawkie in some way, making the city better equipped to respond to emergencies while keeping basic services intact. The problem of an area-wide power outage cannot be prevented by city maintenance. The only way for the city to prepare itself for an emergency power outage is to install generators. The Powered Up Project also enhances climate resilience by making the city better able to respond to power outage emergencies caused by storm events, which are becoming increasingly violent and apt to cause flooding in Kansas, according to the EPA.**

Additional comments (optional)

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
----------	---------------	-------------	-------	-------------	--------

**Comments & attachments**

► **Community**

**0 comment, 0 attachments**

▶ <b>Mitigation plan</b>	<b>1 comment, 0 attachments</b>
▶ <b>Scope of work</b>	<b>1 comment, 1 attachments</b>
▶ <b>Budget</b>	<b>0 comment, 4 attachments</b>
▶ <b>Cost-effectiveness</b>	<b>1 comment, 6 attachments</b>
▶ <b>Evaluation</b>	<b>0 comment, 0 attachments</b>
▶ <b>Environmental/Historic Preservation (EHP)</b>	<b>0 comment, 2 attachments</b>
▶ <b>Location</b>	<b>0 comment, 4 attachments</b>

**Introduction**

**Project location**

Provide a detailed description of the proposed project's location.

**This project will install generators in 3 separate locations in Ozawkie, KS in northeast Kansas. The Emergency Command Center 39.236358 -95.469004 Water Systems Building 39.237056 -95.465154 Lift Station #3 39.241673 -95.464690**

Latitude **39.236358**  
 Longitude **-095.469004**

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
<a href="#">GIS Map Ozawkie Powered Up 12.2021.pdf</a>	12/30/2021	cityclerk@ozawkie.org	Project Location Attachments	<i>No description given.</i>	
<a href="#">WaterControlBuildingsm.jpg</a>	12/30/2021	cityclerk@ozawkie.org	Project Location Attachments	<i>No description given.</i>	
<a href="#">LiftStation3sm2.jpg</a>	12/30/2021	cityclerk@ozawkie.org	Project Location Attachments	<i>No description given.</i>	
<a href="#">Emergency Command Center Generator Placement.jpeg</a>	12/30/2021	cityclerk@ozawkie.org	Project Location Attachments	<i>No description given.</i>	

**Project benefiting area**

Provide a detailed description of the proposed project's benefiting area.

**This project would impact every citizen in the City of Ozawkie in some way, making the city better equipped to respond to emergencies while keeping basic services intact.**

**Attachments**

Filename	Date uploaded	Uploaded by	Label	Description	Action
----------	---------------	-------------	-------	-------------	--------

**Project impact area**

Provide a detailed description of the proposed project's impact area.

**This project would impact every citizen in the City of Ozawkie in some way, making the city better equipped to respond to emergencies while keeping**

basic services intact.

## Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
----------	---------------	-------------	-------	-------------	--------

## Project site inventory

Does this project subapplication propose to mitigate a property/structure(s)? ( **No**  
 Examples: residential home, commercial building, bridge, fire station, levee, pumping station, wastewater treatment plant, telephone pole, electric line, etc.)

Please [download the excel template](#), and then fill out the template with building or infrastructure data.

## Assurances and certifications

OMB number: 4040-0009. Expiration date: 02/28/2025 [View burden statement](#)

### SF-424D: Assurances - Construction Programs

Content:

OMB Number: 4040-0009  
 Expiration Date: 02/28/2025

Certain of these assurances may not be applicable to your project or program. If you have any questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a--1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
20. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.