

Build Kansas Fund | Fiscal Year 2025 Application Package | Memo



To: Representative Troy Waymaster, Chair, Build Kansas Advisory Committee
Chardae Caine, Kansas Legislative Research Department
Shauna Wake, Office of the Kansas State Treasurer

From: Matthew A. Volz, PE, Executive Director, Kansas Infrastructure Hub

RE: Build Kansas Fund Application #2025-079-SCKEDD

Date: November 19, 2024

Attached, please find an application made to the Build Kansas Fund by the Cities of Harper (lead) and Anthony. The application packet includes the following items:

- Coversheet – provides a high-level overview of the application including a unique identification number, page 1 of 12 of the Build Kansas Fund Application Package.
- Build Kansas Fund Application – includes information submitted with the Build Kansas Fund Application, pages 2-8. Page 8 provides the table of funding sources.
- Attachments – executive summary, pages 9-10 and detailed budget, pages 11-12.

Project Overview

The City of Harper (the lead applicant) and the City of Anthony jointly seek funding from the U.S. Department of Interior available through the WaterSMART: Water and Energy Efficiency Grant Program for their HPCO – SMART Metering Energy Efficiency and Conservation Initiative project, which focuses replacing and upgrading 2,240 individual water meters and 2,668 individual electric meters with new advanced metering infrastructure (AMI) and associated hardware and software.

This opportunity is a discretionary BIL program with a local match requirement of 50% of the total project cost. The entity is requesting \$1,086,465.67 from the Build Kansas Fund, and a local match of \$57,182.40. This request has the potential to unlock \$1,143,648.07 in federal funds, for a total project cost of \$2,287,296.14.

The deadline was November 13, 2024, and this Build Kansas Fund application was received on November 4, 2024.

Build Kansas Fund Steering Committee Recommendation

The Build Kansas Fund Steering Committee reviewed this application on November 6, 2024, 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 2025 Application Package | Coversheet



Build Kansas Fund Application Number	2025-079-SCKEDD
Applicant Name	City of Harper (lead applicant) & City of Anthony
Application Date Received	11/4/2024
Project Name	HPCO - SMART Metering Energy Efficiency & Water Conservation Initiative
Project Description	To replace 2,240 water and 2,668 electric meters with upgraded meters, and associated hardware and software
Entity Type	Local Government
Economic Development District (EDD) Planning Commission	South Central KS Economic Development District
Infrastructure Sector(s)	Water & Energy
BIL Program	WaterSMART: Water and Energy Efficiency Grants
BIL Program Type	Discretionary
BIL Application Deadline	11/13/2024
Build Kansas Fund Request	\$1,086,465.67
Technical Assistance Received	General Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	BIL Application Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Build Kansas Fund Application Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Other (Brief Description): Provided general and BKF Application budget support.
Application Notes	Build Kansas Fund contribution of \$1,086,465.67 will unlock \$1,143,648.07 in federal BIL funding, with a local contribution of \$57,182.40, for a total project cost of \$2,287,296.14.

Steering Committee 11/6/2024 | Recommend X Declined
Funding Recommendation

Advisory Committee 11/20/2024 | Recommend Declined
Funding Recommendation

Title	City of Harper (on behalf of both City of Anthony and City of Harper) by Tiffany Hartson in Build Kansas Fund Application thartson@cityofharper.com	11/04/2024 id. 48737049
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Original Submission 11/05/2024

Score	n/a	
	Part 1: Applicant Information	
The name of the entity applying for the Build Kansas Fund:	City of Harper (on behalf of both City of Anthony and City of Harper)	
Project Name:	HPCO - SMART Metering Energy Efficiency & Water Conservation Initiative	
Entity type:	Local Government	
Entity Population:	3362.0	
Applicant Contact Name:	Tiffany Hartson	
Applicant Contact Position/Title:	City Administrator	
Applicant Contact Telephone Number:	+16208962511	
Applicant Contact Email Address:	thartson@cityofharper.com	
Applicant Contact Address:	201 W. Main St.	
Applicant Contact Address Line 2 (optional):		
Applicant Contact City:	Harper	

Applicant Contact State: Kansas

Applicant Contact Zip Code: 67058

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

Part 2: Build Kansas Fund - Eligibility Criteria

Certify that you are pursuing a 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 required non-federal match component: Yes

What is the primary county that the project will occur in? Harper 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: WaterSMART Grants: Water and Energy Efficiency Grants for Fiscal Year 2024

What is the funding agency for this Bipartisan Infrastructure Law (BIL) funding opportunity? U.S. Department of Interior

What is the Assistance Listing Number (ALN) for this Bipartisan Infrastructure Law (BIL) funding opportunity? 15.507

What is the federal application due date for this Bipartisan Infrastructure Law (BIL) funding opportunity? 11/13/2024

Application Type: Implementation

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: \$1,143,648.07

Enter the total project cost: \$2,287,296.14

Enter the required non-federal match percentage: 50.0

Part 4: Build Kansas Fund - Match Application Information Beginning in July 2024 and moving forward, eligible applicants are expected to contribute a portion of the non-Federal match requirement. This contribution can be in the form of cash and/or in-kind contributions. The goal is to demonstrate the applicant's commitment to the project. The contribution should be significant enough relative to the Build Kansas Fund request. For a local public entity, 5% of the non-federal match is a good guideline, but not a requirement. See Build Kansas Fund Program Guidance for exceptions and more information.

Enter the non-federal cash match amount being requested from the Build Kansas Fund: \$1,086,465.67

Enter the non-federal cash match amount being provided by the eligible applicant, if applicable: \$57,182.40

Enter the estimated value of the non-federal in-kind match amount being provided by the eligible applicant, if applicable: 0.0

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_V2.xlsx](#)

Part 5: Build Kansas Fund - Means Test and Eligible Applicant Match

What other available funding sources that are currently planned to go unused by your entity will be leveraged for this project? N/A

Will any American Rescue Plan Act (ARPA) or Coronavirus State & Local Fiscal Recovery Fund monies will be used for the non-federal match? N/A

What other sources of in-kind match will be leveraged for this project? Please list and include the actual or estimated value of each. N/A

What other funding sources (local, federal or non-federal) will to be used for this match? Anthony - \$45,284.78 Capital Improvement - Utilities; Harper - \$11,897.62 Water Reserve Fund

Describe your efforts to find other available funding sources for this project: To date, the only funding opportunities that we are aware of that this project would qualify under is the 1) Kansas Water Office grant under HB 2302. We applied in December 2023 and were not funded; 2) we also identified the USBR Small-Scale Water Efficiency Projects that would be available for this project, but the maximum award is well below our project amount.

Part 6: Additional Information

Please upload a draft or final version of the Bipartisan Infrastructure Law (BIL) program grant application associated with this request OR an executive summary providing an overview of the project:

[2024_USBR_ExecutiveSummary.pdf](#)

Provide any additional information about this project not covered in previous sections of this application (optional): Please note that the population served set forth in Part 1: 3,362 only represents the combined population within the corporate city limits of Anthony and Harper. The meter numbers reflect a larger customer base because both Anthony and Harper serve water customers beyond the city limits including three rural water districts, and Anthony serves the largest municipally-owned electric territory in the state of Kansas, which extends well beyond the corporate city limits.

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: Tiffany
The following Hartson
persons are
responsible for
making this Build
Kansas Fund
application.

Position/Title: City Administrator (Harper)

Additional: Cyndra
Kastens

Position/Title: City Administrator (Anthony)

Additional: Karen
Befort

Position/Title: Deputy City Clerk/Treasurer (Harper)

Additional:

Position/Title:

Internal Form

Score n/a

Pre-Award Information:

Post-Award Information:

Deviation Report:

Source	Amount
BIL Federal Funds (applied for)	\$ 1,143,648.07
Build Kansas Funds (non-federal match)	\$ 1,086,465.67
Eligible Applicant Cash Match	\$ 57,182.40
Eligible Applicant In-Kind Match (estimated value)	\$0.00
Additional Project Contribution (if applicable)	\$0.00
TOTAL PROJECT COST	\$ 2,287,296.14

Zip Code	% of project in zip code	State
67003	64	Kansas
67058	32	Kansas
67009	1	Kansas
67018	1	Kansas
67036	1	Kansas
67049	0.4	Kansas
67061	0.3	Kansas
67150	0.3	Kansas
	100%	in Kansas

HPCO – SMART Metering Energy Efficiency & Water Conservation Initiative

Executive Summary

Date:	November 4, 2024
Applicant Name:	City of Harper – on behalf of the Cities of Anthony and Harper
City:	Harper, Kansas
County:	Harper
State:	Kansas
Applicant Eligibility:	Category A
Project Manager:	Tiffany Hartson, City Administrator City of Harper 201 W. Main St. Harper, KS 67058 thartson@cityofharper.com (620)896-2511
Project Name:	HPCO – SMART Metering Energy Efficiency & Water Conservation Initiative
Grant Funding Request:	\$1,143,648.07
Non-Federal Matching Funds:	\$1,143,648.07
Total Project Cost:	\$2,287,296.14
Estimated Project Start Date:	October 1, 2025
Estimated Completion Date:	October 1, 2027
Project Duration:	2 years
Located on Federal Facility:	No

The cities of Anthony and Harper are two small rural Kansas communities located 9 miles apart in Harper County, largely identified as disadvantaged, serving a combined population of 3,362 people within the corporate city limits of Harper and Anthony. In addition, the water systems serve Harper County Rural Water Districts 1, 2 and 5, as well as 93 water customers beyond the city limits, and 139 rural electric services beyond the city limits. Electric meter count is higher due to the City of Anthony having the largest municipally-owned electric territory in the state of Kansas. We are partnering together to submit a request to replace and upgrade 2,240 individual water meters and 2,668 individual electric meters with new Advanced Metering Infrastructure (AMI) meters, along with associated hardware and necessary software. The more we are able to manage and reduce our losses, the more sustainable our aquifers will be as the state of Kansas continues to experience more and more drought conditions.

This project will allow both small rural communities to take advantage of the economies of scale and bid their AMI materials, installation and setup together. The opportunity to have the same equipment and software enables a long-term partnership for mutual aid in education and support for both communities' infrastructure. In addition, we are able to detect water leaks in real time, allowing for a more rapid response and repair, remediating state water loss violations. AMI also allows the limited staff to no longer have to manually read each individual meter each month, freeing up 744 man and vehicle hours annually to be redirected towards repairing and improving other areas of the water production and distribution infrastructure. Those improvements further support the reduction in water loss. AMI supports our conservation efforts to educate our customers on the impacts of water loss, empowering them to monitor their usage in real-time, making necessary improvements to their private water systems.

The project does incorporate the replacement of electric meters as part of the project scope to ensure continued uniformity of billing operations., Currently, the water and electric billing occurs through the same software program and generates on the same bill. If only the water hardware and software is upgraded through this project but not the electric, this would actually increase staff time and vehicle usage for meter reads etc., cause a duplication of billing processes, and negate the human resource and energy savings gained through installation of water AMI. The cost of the electric meters is less than 1/3 of the total project scope but greatly impacts the results and the localized effort to increase resiliency and effectively manage energy resources.

HPCO Combined Budget

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
2440	Water Meters & Associated Communicaiton Equipment	\$522.78	\$1,275,583.20
2668	Electric Meters	\$266.65	\$711,422.20
2668	Eletric Installation (including Software & Training)	\$45.39	\$121,091.18
2240	Water Installation (including Software & Training)	\$80.00	\$179,200.00
	Total		\$2,287,296.58

HPCO Combined Cost-Share Breakdown

	Project Cost	50% - Grant	50% - Non-	5% Local	45% HUB
Anthony	\$1,811,391.23	\$905,695.62	\$905,695.61	\$45,284.78	\$860,410.83
Harper	\$475,904.91	\$237,952.45	\$237,952.46	\$11,897.62	\$226,054.84
Total	\$2,287,296.14	\$1,143,648.07	\$1,143,648.07 \$237,952.46	\$57,182.40	\$1,086,465.67
				2.50%	47.50%