

Kansas Public Water Supply Loan Fund



Loan Application

Applicant Information

Municipality Name: City of Bonner Springs Kansas

Address: 12401 Kaw Dr, PO Box 38 Bonner Springs KS 66012
Street City State Zip

Contact Person Frank Abart Public Works Director
Name Title

Contact Info 913-441-1961 fabart@bonnersprings.org
Phone No. Email

DUNS No. 57257677 Congressional District of Municipality Congressional District 3

Tax ID No. 48-6033148 Engineering Consultant Firm Black & Veatch

Engineering Contact Name & Phone No. Jim Winger, 913-458-3484

Project Title: Bonner Springs Water Supply & Treatment Plant Project

Project Description:

The City of Bonner Springs will increase production capacity to 2.0 mgd and improve water quality by reducing total hardness to 150 mg/L as CaCO₃ by constructing a new high rate precipitative softening water treatment plant (WTP). The new WTP, which will be constructed adjacent to the existing WTP, will include the following facilities:

- Operations Building that includes offices, meeting room and restrooms, control room, electrical/instrumentation room and packaged filter equipment. The building will also include chemical storage and feed facilities for the following: sodium hypochlorite (primary disinfection), liquid ammonium sulfate (secondary disinfection), alum or ferric (coagulant/flocculation), polymer (clarification), fluoride (dental health), and phosphate (corrosion protection).
- Two, 2.0 mgd packaged precipitative lime softening trains
- Recarbonation basin with carbon dioxide tank and feeders
- Filter backwash storage tank and pumping station
- Packaged lime storage, slaking and feed system with an adjacent lime residual treatment
- Packaged soda ash storage and feed system
- Treated water pump station with three high service discharge pumps and one backwash supply pump located above an underground treated water reservoir
- Emergency power generation with a diesel engine generator

Increased groundwater supply will be provided by two (2) new groundwater wells with a production range of 250 to 300 gpm, each. These wells will be installed in the existing well field along the Kansas River. The Project will also include a new 6-inch PVC interconnection (approximately 9,490 ft) to the Lake of the Forest Community, which will be served by a dedicated high service pump.

Requested Loan Repayment Term

20-year repayment 30-year repayment

The interest rate for a 20-year repayment term will be set at 60% of the market rate and a 30-year repayment term will be set at 70% of the market rate.

Project Details

Estimated Project Costs

Construction Cost	\$ 15,943,700		Contingencies	\$ 1,393,500
Engineering Planning & Design	\$ 1,733,700	Administrative & Legal	\$ 250,000	
Construction Engineering & Inspection	\$ 1,733,700	Other	\$ 800,000	
		Total Project Cost	\$ 21,854,600	
		Loan Reserve*	\$ N/A	

* Water Districts must include a loan reserve equal to 11.11% of the Project Cost.

List all Anticipated Funding Sources Which are Intended to be Utilized to Complete this Project

KDHE SRF Loan (include loan reserve if applicable)	\$ 21,854,600
Cash on Hand	\$ _____
Community Development Block Grant (CDBG)	\$ _____
USDA Rural Development Grant**	\$ _____
Other	\$ _____
Total	\$ 21,854,600

** Do not include USDA Rural Development loan amounts if the SRF loan will be interim financing for the Rural Development loan

Anticipated Project Schedule

	Date (month/year)
Notice of Public Hearing Issued	11/2020
Public Hearing Held	12/2020
Environmental Review Letters Sent	10/2020
Final Plans and Specifications Submitted to KDHE	11/2021
Duration of Construction (in months)	18 months

Number of Customers (connections) for the Previous 3 Years

Year	Residential	Commercial	Other	Total
2019	2,588	289	6	2883
2018	2,466	269	6	2850
2017	2,425	309	6	2872

List any single customer that provides 5% or more of the utility’s revenue from water sales
 CSM Bakery (5%)

Water Production History for the Previous 3 Years

Year	Gallons Produced/ Purchased	Gallons Sold	Gallons Flushed or Accounted For	Water Loss	Unaccounted for Water Loss Ratio
2019	232.3M / 68.9M	231.1M	55,000	43M	14%
2018	221.5M / 96.5M	217.4M	66,000	66M	21%
2017	306.4M / 37.7M	264.1M	70,000	88M	25%

Valuations for Previous 3 Years (for Cities Only)

Year	Assessed Valuation of Taxable Tangible Property (within City Limits)	Tangible Valuation of Motor Vehicles (within City Limits)	Total for Year
2019	\$83,092,073	\$8,712,806	\$91,804,879
2018	\$78,358,997	\$8,716,191	\$87,075,188
2017	\$73,741,986	\$8,279,039	\$82,021,025

Attachments

The following documents must be submitted for the application to be considered complete.

Document	Attached	Will be Submitted Separately
Preliminary Engineering Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>
List of Outstanding Debt and Repayment Schedules	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Purchase/Sales Contracts (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Current Water Rates	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All Previous Water Rates in Effect over the last 4 years	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Attachments Continued

The following documents must be submitted for the application to be considered complete.

Document	Attached	Will be Submitted Separately
Public Hearing Notice Proof of Publication	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Minutes from Public Hearing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Copy of Resolution Authorizing Application	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Copy of Outgoing Environmental Review Letters	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Copy of Environmental Review Responses	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lobbying Certification Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Capacity Development Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Signature

I certify that I am authorized to sign this application on behalf of the governing body. To the best of my knowledge and belief, the data in this application is true and accurate.

Signature: _____ Date: _____

Title: Public Works Director

Submit this application and all required attachments to:

KDHE/BOW
 Attn: Kansas SRF Program
 1000 SW Jackson St., Suite 420
 Topeka, KS 66612-1367