



# Abridged Application

Due February 3, 2017 by 5:00pm  
 SWIFT@twdb.texas.gov

By submitting this abridged application, you understand and confirm that the information provided is true and correct to the best of your knowledge and further understand that the failure to submit a complete abridged application by the stated deadlines, or to respond in a timely manner to additional requests for information, may result in the withdrawal of the abridged application without review.

## GENERAL INFORMATION

Name of Entity		County	Regional Water Planning Area
Brushy Creek Regional Utility Authority, Inc.		Williamson	Brazos Region 2
Entity Contact Information			
Contact Person	Name	Tom Gallier	
	Title	General Manager	
Mailing Address	221 East Main Street		
	Round, Rock, Texas 78664		
Phone Number	(512) 788-2036	Fax Number	(512) 218-7097
Email Address	tgallier@bcrua.org		

## PROJECT DESCRIPTION

Name of Project <i>(As it appears in the 2017 State Water Plan)</i>	Brushy Creek RUA Water Supply – Phase I			
Where can the project be found in the most recent Regional Water Plan?	Project described on page:	Brazos G Plan, Volume II, pg 7.2-1 through 7.2-14	Capital costs listed on page:	7.2-11
Phase(s) Applied For	<input type="checkbox"/> Planning <input type="checkbox"/> Acquisition <input type="checkbox"/> Design <input checked="" type="checkbox"/> Construction			
Population Served When Fully Operational	846,072 (combined population of the partner cities in 2070 from Region K and G Plans)			



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## Description of Proposed Project

The Brushy Creek Regional Utility Authority is a regional partnership of the cities of Cedar Park, Round Rock, and Leander. Portions of the regional system have already been constructed. The proposed project includes construction funding for Phase 1C of the regional project. Phase 1A has been completed and Phase 1B is underway. Phase 1C completes Phase 1 of the project as described in Volume 2, page 7.2-11. The project involves an expansion of the floating raw water intake and the water treatment plant from an existing capacity of 17 mgd to 30 mgd. Specific improvements include a floating raw water barge, raw water pumps, raw water pipeline improvements, rapid mixing, flocculation, sedimentation, filtration, chemical feed systems, and residual handling systems.

Phase 1C is a critical expansion that will provide necessary conveyance and treatment capacity until Phase 2 of the regional project is completed. Phase 2 of the project is described in detail in the Water Plan. The proposed project does not include any Phase 2 components but is necessary to meet demands until Phase 2 is implemented.

### Emergency *(select all that apply)*

- Applicant/entity's water supply will last less than 180 days.
- Water supply need occurs earlier than anticipated in the State Water Plan.
- Applicant has received or applied for Federal emergency funding.
- None of the above.

### Agricultural Efficiency Project?

- Yes
- No

Efficiency improvement achieved by implementing the project  
*(Please provide an attachment showing the basis for your calculation.)*

- <1%
- 1%-1.9%
- 2%-5.9%
- 6%-9.9%
- 10%-13.9%
- 14%-17.9%
- ≥18%

### Household Cost Factor

*(Household Cost Factor for SWIFT prioritization is calculated by dividing the service area's average residential water bill by its annual median household income. For regional projects, these should represent the combined service areas of all participating entities.)*

**Estimated average annual residential water bill:**

\$592

**Annual Median Household Income:**

\$76,720

### The proposed project addresses:

- Conservation
- Water Loss
- N/A

### Volume of Water Produced/Conserved (in Acre/Feet per Year)

2020	2030	2040	2050	2060	2070
8,010	24,775	40,215	41,760	43,125	44,580

### Readiness to Proceed *(select all that apply)*

- Preliminary planning or design work (30% of total project) has been completed or is not required.
- Applicant is prepared to begin implementation or construction within 18 months of application deadline.
- Applicant has acquired all water rights associated with the proposed project, or none will be required.

### ESTIMATED COSTS

**Estimated**

Low-interest Loan

\$ 16,995,000



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<b>Project Costs</b>	Deferred Loan	\$
	Board Participation	\$
	Local Contribution	\$
	Other:	\$
	<b>Total Estimated Project Costs</b>	<b>\$ 16,995,000</b>

<b>Anticipated Commitments</b> <i>Attach proposed schedule for multi-year commitments</i>	<input checked="" type="checkbox"/> One-Time Commitment	<input type="checkbox"/> Multi-Year Commitments
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**Please attach a list of all water systems served by the proposed project.**

**SWIFT Abridged Application for Brushy Creek Regional Utility Authority  
Water Systems Served by the Proposed Project**

<b><i>Water System Name</i></b>	<b><i>Public Water System Number</i></b>
City of Cedar Park	TX2460009
City of Round Rock	TX2460003
City of Leander	TX2460012
Williamson Travis Counties MUD 1	TX2460120
Block House Creek MUD	TX2460110
Indian Springs	TX2270210
City of Georgetown	TX2460001
Paloma Lake MUD 2	TX2460165
Tal Tex	TX2460064
Williamson County MUD 10	TX2460145
Round Rock Ranch PUD Utility Company	TX2460161
Blessing Mobile Home Park	TX2460031
Fern Bluff MUD	TX2460128
Williamson County MUD 11	TX2460159
Paloma Lake MUD 1	TX2460164
Vista Oaks MUD	TX2460139
Walsh Ranch MUD	TX2460160
City of Liberty Hill	TX2460013

Brushy Creek Regional Utility Authority serves water to the Cities of Cedar Park, Round Rock, and Leander.

The City of Cedar Park serves water to Williamson Travis Counties MUD 1, Block House Creek MUD, and Indian Springs.

The City of Round Rock serves water to City of Georgetown, Paloma Lake MUD 2, Tal Tex, Williamson County MUD 10, Round Rock Ranch PUD Utility Company, Blessing Mobile Home Park, Fern Bluff MUD, Williamson County MUD 11, Paloma Lake MUD 1, Vista Oaks MUD, and Walsh Ranch MUD.

The City of Leander serves water to the City of Liberty Hill.

**BCRUA Funding Evaluation  
Cost Allocation Summary**

*This document is released for interim review  
under the authority of Aaron Archer, Texas  
PE 100967 on January 2, 2017.*

**Notes:**

1. Phase 1C not eligible for TWDB Board Participation.
2. A financial services fee of \$200,000 is an estimate and has been allocated based on the total project cost allocation percentage for each city. An additional \$360,000 of costs are reserved for Leander which requires a separate debt service reserve deposit from proceeds of new b
3. Phase 1C cost information has been developed using information from the Ph 1 PER, BCRUA Master Agreement Capacity Allocation Spreadsheet, Phase 1 schedule of values. Detailed, independent cost estimating for these phase has not been performed.
4. Construction and Construction Phase Services costs are eligible for a Low Interest Loan.

Description	Constructed Capacity (mgd)	Estimated Cost	Cedar Park Reserved Capacity (%)	Cedar Park Capacity (mgd)	Cedar Park Reserved Cost	Leander Reserved Capacity (%)	Leander Capacity (mgd)	Leander Reserved Cost	Round Rock Reserved Capacity (%)	Round Rock Capacity (mgd)	Round Rock Reserved Cost
<b>PHASE 1C</b>											
Construction and Construction Phase Services (SWIFT Low Interest)	30.0	\$ 15,459,150	26.67	8.00	\$ 4,122,440	46.67	14.0	\$ 7,214,270	26.67	8.00	\$ 4,122,440
<b>PHASE 1C SWIFT FUNDING SUMMARY</b>		<b>\$ 15,459,150</b>			<b>\$ 4,122,440</b>			<b>\$ 7,214,270</b>			<b>\$ 4,122,440</b>
<b>Cost Allocation Percentages</b>					<b>26.7%</b>			<b>46.7%</b>			<b>26.7%</b>
<b>FINANCIAL SERVICES</b>											
<b>FINANCIAL SERVICES FUNDING SUMMARY</b>		<b>\$ 560,000</b>			<b>\$ 53,333</b>			<b>\$ 453,333</b>			<b>\$ 53,333</b>
<b>TOTAL - 2016 Dollars</b>		<b>\$ 16,019,150</b>			<b>\$ 4,175,773</b>			<b>\$ 7,667,603</b>			<b>\$ 4,175,773</b>
<b>Cost Allocation Percentages</b>					<b>26.1%</b>			<b>47.9%</b>			<b>26.1%</b>
<b>TOTAL - MIDPOINT OF CONSTRUCTION</b>		<b>\$ 16,994,716</b>			<b>\$ 4,430,078</b>			<b>\$ 8,134,560</b>			<b>\$ 4,430,078</b>

Inflation Rate 3.00%  
Midpoint of Construction 2019

onds that are issued.

**BCRUA Funding Evaluation  
Engineering and Construction  
Cost Estimate Summary**

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<i>Item</i>	<i>Costs</i>	<i>Source/Notes</i>
<b>Phase 1C</b>	<b>\$16,931,450</b>	Expansion of WTP and floating intake to 30 MGD (+ 1 sed basin/flocculators and equip for 2 filters)
Planning and Design Services	\$1,472,300	See Cost Development Worksheet.
Construction	\$15,459,150	See Cost Development Worksheet.

