



**State Water Implementation  
Fund for Texas**

# Abridged Application

Due February 1, 2019 by 5:00 pm CST

Submit via Email: [SWIFT@twdb.texas.gov](mailto:SWIFT@twdb.texas.gov)

Apply Online: <https://ola.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

Entity Name	County	Regional Water Planning Area
Gulf Coast Water Authority	Galveston	H - Region H

<b>Contact</b> Who should TWDB contact with questions during the review of this submission?	Name	Ivan Langford
	Title	General Manager
	Phone	409-797-4907
	Email	ILANGFORD@GCWATER.ORG

## PROJECT DESCRIPTION

<b>Project Name</b> As it appears in the state water plan	Old Galveston Road Transmission Improvements	
<b>Where can the project be found in the 2016 Regional Water Plan?</b> TWDB Staff will utilize information from both the State and Regional water plans to identify and review the project.	<b>The project is described on page #:</b>	Region H – App 5-B-CONV-010-1
	<b>The capital cost is listed on page #:</b>	Region H – Page 29 and Recommended Projects - Page 10 of 23
<b>Phase(s) Applied For</b>	<input type="checkbox"/> Planning <input checked="" type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction	
<b>Population Served When Fully Operational</b>	205,000 for League City at buildout	

## DESCRIPTION OF PROPOSED PROJECT COMPONENTS

Please be sure this description includes all major project components and clearly states what the project seeks to accomplish. A high level of detail is not necessary at this stage—such information is collected later in the application process—but the description should make clear that the proposed work is the same as identified in the regional water plan.

This project is the replacement of the 42-inch water transmission line that connects from Houston’s southeast water treatment plant terminating at League City’s SH3 pump station. Project is now known locally as the SETL (Southeast Transmission Line) Project - providing expanded capacities to League City, Houston, Friendswood, Webster, Harris County MUD 55, Clear Lake Water Authority, and Baybrook MUD 1, r. In addition to providing GCWA (League City) with 17.5 mgd, it will expand the capacity of the line to provide an additional 20 mgd to GCWA (League City). This line should, coupled with other existing supply, meet League City’s peak day demand at buildout.

The new line will vary in size from approximately 54 inches at the plant to 42 inches at the southern terminus. GCWA’s share of the project is approximately 48% or \$55 million. The total project cost is estimated to be in excess of \$110 million with the difference funded by other partners.

League City’s water purchases in 2017 totaled 4,167,629,592 gallons. Water use is anticipated to double at buildout in 2050.

### Multi-Year Commitment Schedule

<b>Year</b>	<b>TWDB</b>	<b>Local</b>
2019	\$ 1 million	\$10 million
2020	\$ 5 million	
2021	\$20 million	
2022	\$19 million	

<b>Emergency</b> Select all that apply	<input type="checkbox"/> Applicant/entity's water supply will last less than 180 days. <input type="checkbox"/> Applicant has received or applied for Federal emergency funding. <input checked="" type="checkbox"/> None of the above.
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Agricultural Efficiency Project?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

<b>If "Yes," agricultural efficiency improvement achieved by implementing the project:</b> Please provide an attachment showing the basis for your calculation.	<input type="checkbox"/> <1%	<input type="checkbox"/> 10%-13.9%
	<input type="checkbox"/> 1%-1.9%	<input type="checkbox"/> 14%-17.9%
	<input type="checkbox"/> 2%-5.9%	<input type="checkbox"/> ≥18%
	<input type="checkbox"/> 6%-9.9%	

Household Cost Factor	
Household Cost Factor 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.	

<b>Estimated average annual residential water bill:</b>	\$33.63	<b>Annual Median Household Income:</b>	\$101,000
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<b>The proposed project addresses:</b>	<input type="checkbox"/> Conservation	<input type="checkbox"/> Water Loss	<input type="checkbox"/> N/A
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Volume of Water Produced/Conserved (in Acre/Feet per Year)					
Please provide the total water supply project yield of the entire project on an annual basis in acre-feet per year, for each planning decade. A water volume in the 2040 decade, for example, is assumed to come online in or prior to the year 2040 but is a snapshot annual volume for that decade; it is not a sum of the annual use in the decade.					

2020	2030	2040	2050	2060	2070
N/A	N/A	N/A	N/A	N/A	N/A

<b>Readiness to Proceed</b> Select all that apply	<input checked="" type="checkbox"/> Preliminary planning or design work (30% of total project) has been completed or is not required. <input checked="" type="checkbox"/> Applicant is prepared to begin implementation or construction within 18 months of application deadline. <input checked="" type="checkbox"/> Applicant has acquired all water rights associated with the proposed project, or none will be required.
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## ESTIMATED COSTS

<b>Low-interest Loan</b>	\$ 45,000,000
<b>Deferred Loan</b>	\$
<b>Board Participation</b>	\$
<b>Local Contribution</b>	\$ 10,000,000
<b>Other:</b>	\$
<b>Total Estimated Project Costs</b>	\$ 55,000,000

<b>Anticipated Commitments</b> Please attach proposed schedule for multi-year commitments.	<input type="checkbox"/> One-Time Commitment	<input checked="" type="checkbox"/> Multi-Year Commitments
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<b>Anticipated Debt Service Structure</b> Please attach explanation if requesting non-level debt service.	<input checked="" type="checkbox"/> Level	<input type="checkbox"/> Non-Level Request
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## LIST OF WATER SYSTEMS SERVED BY THE PROPOSED PROJECT

NAME	PWS ID
City of Pasadena	TX1010293
City of Houston	TX1010013
City of Webster	TX1010226
Clear Lake City Water Authority	TX1010056
City of Nassau Bay	TX1010152
NASA Johnson Space Center	TX1010250
City of League City	TX0840007
City of Friendswood	TX0840002
Baybrook MUD #1	TX1012698
Gulf Coast Water Authority	TX0840153
Harris County MUD #55	TX1010678

## ATTACHMENTS CHECKLIST

- Methodology for determining agricultural conservation savings (if applicable)
- Proposed multi-year commitment schedule (if applicable)
- Proposed "non-level" debt service structure (if applicable)

## SUBMITTAL

<b>Instructions</b>	To submit your Abridged Application via email, please send this form to <a href="mailto:SWIFT@twdb.texas.gov">SWIFT@twdb.texas.gov</a> .
	To submit your Abridged Application using TWDB's Online Loan Application tool rather than this form, please visit <a href="https://ola.twdb.texas.gov">https://ola.twdb.texas.gov</a> .
<b>TWDB Contact Information</b>	If you would like to schedule a meeting to discuss your project with TWDB staff, please contact the Regional Project Development Team for your region: <a href="http://www.twdb.texas.gov/financial/programs/swift/regional_project_teams.asp">http://www.twdb.texas.gov/financial/programs/swift/regional_project_teams.asp</a> .
	For general SWIFT program inquiries, please email <a href="mailto:SWIFT@twdb.texas.gov">SWIFT@twdb.texas.gov</a> .