



# Application

## Abridged

Due February 2, 2018 by

5:00pm

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

**NOTE: You may also complete and submit your Abridged Application online at <https://ola.twdb.texas.gov/>.**

GENERAL INFORMATION				
	<b>Name of Entity</b>	<b>County</b>	<b>Regional Water Planning Area</b>	
	City of Houston	Harris, Ft Bend & Montgomery	H-Region H	
Entity Contact Information				
<b>Contact Person</b>	<b>Name</b>	Samir Solanki		
	<b>Title</b>	Acting Deputy Director		
<b>Mailing Address</b>	611 Walker			
	24 <sup>th</sup> Floor			
	Houston, TX 77002			
<b>Phone Number</b>	832-395-2658	<b>Fax Number</b>	832-395-2582	
<b>Email Address</b>	Samir.Solanki@houstontx.gov			
PROJECT DESCRIPTION				
<b>Name of Project</b> <i>(As it appears in the 2017 State Water Plan)</i>	City of Houston – 2 <sup>nd</sup> Source Transmission Line			
<b>Where can the project be found in the most recent Regional Water Plan?</b>	<b>Project described on page:</b>	4B19-1 (2011 Regional Water Plan)	<b>Capital costs listed on page:</b>	\$118,060,000 *Note
<b>Phase(s) Applied For</b>	<input checked="" 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>	2,303,482			



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Description of Proposed Project Components
<p>This Transmission Expansion Project is part of the COH Treatment and Distribution Expansion.</p> <p>The Lake Houston surface water is treated at the COH Northeast Water Purification Plant (NEWPP). The transmission line will transport the treated water from the plant to City of Houston, Central Harris County Regional Water Authority (CHCRWA) and North Harris County Regional Water Authority (NHCRWA).</p> <p>City of Houston will construct a second source transmission line from the NEWPP located at the intersection of the Sam Houston Toll Road (Beltway 8) and US 59 (Eastex Freeway) on easements westbound to Greens Road, approximately 30 miles.</p> <p>The transmission line capacity is approximately 200 MGD.</p>

<b>Emergency</b> <i>(select all that apply)</i>	<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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<b>Agricultural Efficiency Project?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Efficiency improvement achieved by implementing the project</b> <i>(Please provide an attachment showing the basis for your calculation.)</i>
		<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 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:	\$365.82	Annual Median Household Income:	\$47,010.00

The proposed project addresses:	<input type="checkbox"/> Conservation <input type="checkbox"/> Water Loss <input checked="" type="checkbox"/> N/A
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Volume of Water Produced/Conserved (in Acre/Feet per Year)					
2020	2030	2040	2050	2060	2070
1,087,579	1,117,242	1,147,926	1,179,462	1,215,160	1,253,061

<b>Readiness to Proceed</b> <i>(select all that apply)</i>	<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



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<b>Estimated Project Costs</b>	Low-interest Loan	\$ 15,906,000
	Deferred Loan	\$ 0
	Board Participation	\$ 0
	Local Contribution	\$ 3,977,000
	Other:	\$
	<b>Total Estimated Project Costs</b>	<b>\$ 19,883,000</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
<b>Anticipated Debt Service Structure</b> <i>Please attach explanation if requesting non-level debt service..</i>		<input checked="" type="checkbox"/> Level <input type="checkbox"/> Other Request

\*Note: in 2012 State Water Plan, the cost for this City of Houston – 2<sup>nd</sup> Source Transmission Line project is \$261,040,000.

**Required Attachments:**

- A list of all water systems served by the proposed project
- Proposed multi-year commitment schedule (if applicable)
- Explanation of requested debt service structure (if applicable)