



**State Water Implementation
Fund for Texas**

Abridged Application

Due by midnight on February 3, 2020

Submit via Email: 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
City of Houston		Harris, Ft Bend & Montgomery	H - Region H
Contact Who should TWDB contact with questions during the review of this submission?	Name	Samir Solanki	
	Title	Chief Financial Officer	
	Phone	(832)395-2658	
	Email	Samir.Solanki@houstontx.gov	

PROJECT DESCRIPTION

Project Name As it appears in the state water plan	City of Houston – Northeast Water Purification Plant Expansion		
Where can the project be found in the 2016 <u>Regional</u> Water Plan? TWDB Staff will utilize information from both the State and Regional water plans to identify and review the project.	The project is described on page #:	5-B-TRET-004-1	
	The capital cost is listed on page #:	\$1,263,612,418 (Sep 2013)	
Phase(s) Applied For	<input checked="" type="checkbox"/> Planning <input type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction		
Population Served When Fully Operational	2,325,205		

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.

Expansion of City of Houston treatment capacity to meet Harris-Galveston Subsidence District Regulations as well as increasing customer demands and increased regional population. The City of Houston (COH) is among the largest providers of surface water to customers in Region H. COH currently treats water originating in Lakes Houston and Livingston at three treatment plants prior to distribution to customers. The three plants are the Northeast Water Purification Plant (NEWPP), the East Water Purification Plant (EWPP), and the Southeast Water Purification Plant (SEWPP). Over the course of RWP planning period, increasing COH and customer demands as well as Harris-Galveston Subsidence District requirements will drive the need for additional surface water treatment capacity. This water treatment plant expansion will accommodate Houston customers including four regional Water Authority demand.

Emergency 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.
---	---

Agricultural Efficiency Project?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If "Yes," agricultural efficiency improvement achieved by implementing the project: 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.	

Estimated average annual residential water bill:	\$349.44	Annual Median Household Income:	\$49,399.00
---	----------	--	-------------

The proposed project addresses:	<input type="checkbox"/> Conservation	<input type="checkbox"/> Water Loss	<input checked="" type="checkbox"/> N/A
--	---------------------------------------	-------------------------------------	---

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
617,828	932,912	1,013,393	1,050,526	1,087,559	1,124,479

Readiness to Proceed 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.

ESTIMATED COSTS

Low-interest Loan	\$ 412,000,000
Deferred Loan	\$
Board Participation	\$
Local Contribution	\$ <i>*Note: The City has committed \$89,066,547 as the local contribution of this project in previous abridged applications.</i>
Other:	\$
Total Estimated Project Costs	\$ 412,000,000

Anticipated Commitments Please attach proposed schedule for multi-year commitments.	<input type="checkbox"/> One-Time Commitment	<input checked="" type="checkbox"/> Multi-Year Commitments
---	--	--

Anticipated Debt Service Structure	<input checked="" type="checkbox"/> Level	<input type="checkbox"/> Other Request
---	---	--

Please attach explanation if requesting non-level debt service.

LIST OF WATER SYSTEMS SERVED BY THE PROPOSED PROJECT

NAME	PWS ID
North Harris County Regional Water Authority	
Central Harris County Regional Water Authority	
North Fort Bend Water Authority	
West Harris County Regional Water Authority	

ATTACHMENTS CHECKLIST

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

SUBMITTAL

Instructions	To submit your Abridged Application via email, please send this form to SWIFT@twdb.texas.gov .
	To submit your Abridged Application using TWDB's Online Loan Application tool, please visit https://ola.twdb.texas.gov .
TWDB Contact Information	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: http://www.twdb.texas.gov/financial/programs/swift/regional_project_teams.asp .
	For general SWIFT program inquiries, please email SWIFT@twdb.texas.gov .

Proposed Multi-year Commitment Schedule

Year	Proposed Amount
2020	\$250,000,000
2021	\$162,000,000
Total	\$412,000,000