



Application

Abridged

Due February 2, 2018 by

5:00pm

Submit via email: 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		
Name of Entity	County	Regional Water Planning Area
West Harris County Regional Water Authority	Harris	H - Region H

Entity Contact Information			
Contact Person	Name	Melinda D. Silva, P.E.	
	Title	Deputy Program Manager	
Mailing Address	Dannenbaum Engineering Corporation		
	3100 West Alabama		
	Houston, Texas 77098		
Phone Number	713.527-6427	Fax Number	713-533-4111
Email Address	melinda.silva@dannenbaum.com		

PROJECT DESCRIPTION				
Name of Project <i>(As it appears in the 2017 State Water Plan)</i>	WHCRWA Transmission Line			
Where can the project be found in the most recent Regional Water Plan?	Project described on page:	Appendix 4B25-1&2	Capital costs listed on page:	Table 4A-6, ES-10, ES-27, 9-2
Phase(s) Applied For	<input checked="" type="checkbox"/> Planning	<input checked="" type="checkbox"/> Acquisition	<input checked="" type="checkbox"/> Design	<input checked="" type="checkbox"/> Construction
Population Served When Fully Operational	In year 2025 591,212 (WHCRWA) Plus 447,700 (NFBWA)			



Application

Abridged

Due February 2, 2018 by

5:00pm

Submit via email: SWIFT@twdb.texas.gov

Description of Proposed Project Components
<p>Renamed to the Surface Water Supply Project (SWSP), this project includes a 96-inch and 84-inch waterline that will bring treated surface water approximately 40 miles from the expanded NEWPP on the east side of Houston at Lake Houston to the WHCRWA and the North Fort Bend Water Authority (NFBWA) on the west side of Houston. The project also includes two large booster pump stations that will push water along the route. There is a Central Pump Station designed to deliver 200MGD and a Repump Station designed to deliver 172MGD. Several large meter stations will be required as well. This project is being managed by the WHCRWA although the general cost share is 55% WHCRWA and 45% NFBWA. A portion of this project is currently being funded by a TWDB WIF loan of \$41.2M and a 2015 SWIFT multi-year total loan of \$325.44M.</p> <p>This project is needed to convert from groundwater to surface water to comply with the Harris Galveston Subsidence District (HGSD) Regulatory Plan and to satisfy growing population in the WHCRWA and NFBWA.</p> <p>As the design has progressed and routes have been refined, challenges with the congested urban pipeline corridor has resulted in right of way acquisition challenges and need to include additional tunnels. Projected costs have increased resulting in this additional loan request.</p>

Emergency <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.
--	---

Agricultural Efficiency Project?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Efficiency improvement achieved by implementing the project <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:	for WHCRWA \$425.04	Annual Median Household Income:	\$52,533 Harris County
---	---------------------	--	------------------------

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)					
2020	2030	2040	2050	2060	2070
0	358,400	358,400	358,400	358,400	358,400



Application

Abridged

Due February 2, 2018 by

5:00pm

Submit via email: SWIFT@twdb.texas.gov

Readiness to Proceed <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.
---	---

ESTIMATED COSTS		
Estimated Project Costs	Low-interest Loan	\$ 45,000,000
	Deferred Loan	\$ 0
	Board Participation	\$ 0
	Local Contribution	\$ 58,280,000
	Other: State	\$ 348,420,750
	Total Estimated Project Costs	\$ 451,800,750

Anticipated Commitments <i>Attach proposed schedule for multi-year commitments</i>	<input type="checkbox"/> One-Time Commitment	<input checked="" type="checkbox"/> Multi-Year Commitments 2018, 2019, 2020
--	--	--

Anticipated Debt Service Structure <i>Please attach explanation if requesting non-level debt service..</i>	<input checked="" type="checkbox"/> Level	<input type="checkbox"/> Other Request
--	---	--

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)

West Harris County Regional Water Authority (WHCRWA)
Entities to be served (Source: WHCRWA GRP as of January 2018)

1	Addicks U.D.	31	Harris Co. M.U.D. 172	61	Harris Co. M.U.D. 495	91	West Harris Co. M.U.D. 4
2	Barker Cypress M.U.D.	32	Harris Co. M.U.D. 173	62	Harris Co. M.U.D. 506	92	West Harris Co. M.U.D. 5
3	Beechnut M.U.D.	33	Harris Co. M.U.D. 179	63	Harris Co. M.U.D. 46	93	West Harris Co. M.U.D. 7
4	Bissonnet M.U.D.	34	Harris Co. M.U.D. 180	64	Harris Co. M.U.D. 61	94	West Harris Co. M.U.D. 14
5	Castlewood M.U.D.	35	Harris Co. M.U.D. 183	65	Harris Co. M.U.D. 63	95	West Harris Co. M.U.D. 15
6	Chelford City M.U.D.	36	Harris Co. M.U.D. 185	66	Harris Co. M.U.D. 64	96	West Harris Co. M.U.D. 17
7	Chelford One M.U.D.	37	Harris Co. M.U.D. 186	67	Harris Co. M.U.D. 70	97	West Memorial M.U.D.
8	Cimarron M.U.D.	38	Harris Co. M.U.D. 188	68	Harris Co. M.U.D. 71	98	West Park M.U.D.
9	Clay Road M.U.D.	39	Harris Co. M.U.D. 196	69	Harris Co. M.U.D. 81	99	Westlake M.U.D. 1
10	Fry Road M.U.D.	40	Harris Co. M.U.D. 208	70	Harris Co. U.D. 6	100	Weston M.U.D.
11	Harris Co. M.U.D. 102	41	Harris Co. M.U.D. 238	71	Harris Co. W.C.I.D. 157		
12	Harris Co. M.U.D. 105	42	Harris Co. M.U.D. 239	72	Harris-Ft. Bend M.U.D. 3		
13	Harris Co. M.U.D. 106	43	Harris Co. M.U.D. 250	73	Horsepen Bayou M.U.D.		
14	Harris Co. M.U.D. 120	44	Harris Co. M.U.D. 257	74	Interstate M.U.D.		
15	Harris Co. M.U.D. 127	45	Harris Co. M.U.D. 264	75	Jackrabbit Road P.U.D.		
16	Harris Co. M.U.D. 130	46	Harris Co. M.U.D. 276	76	Langham Creek U.D.		
17	Harris Co. M.U.D. 132	47	Harris Co. M.U.D. 284	77	Mayde Creek M.U.D.		
18	Harris Co. M.U.D. 136	48	Harris Co. M.U.D. 341	78	Memorial M.U.D.		
19	Harris Co. M.U.D. 144	49	Harris Co. M.U.D. 370	79	Mission Bend M.U.D. 1		
20	Harris Co. M.U.D. 147	50	Harris Co. M.U.D. 371	80	Mission Bend M.U.D. 2		
21	Harris Co. M.U.D. 149	51	Harris Co. M.U.D. 405	81	Morton Road M.U.D.		
22	Harris Co. M.U.D. 151	52	Harris Co. M.U.D. 418	82	North West Harris Co. M.U.D. 12		
23	Harris Co. M.U.D. 152	53	Harris Co. M.U.D. 432	83	Nottingham Country M.U.D.		
24	Harris Co. M.U.D. 155	54	Harris Co. M.U.D. 433	84	Remington M.U.D. 1		
25	Harris Co. M.U.D. 157	55	Harris Co. M.U.D. 434	85	Renn Road M.U.D.		
26	Harris Co. M.U.D. 162	56	Harris Co. M.U.D. 437	86	Ricewood M.U.D.		
27	Harris Co. M.U.D. 163	57	Harris Co. M.U.D. 438	87	Rolling Creek U.D.		
28	Harris Co. M.U.D. 165	58	Harris Co. M.U.D. 449	88	Spencer Road P.U.D.		
29	Harris Co. M.U.D. 167	59	Harris Co. M.U.D. 457	89	Trail of the Lakes M.U.D.		
30	Harris Co. M.U.D. 171	60	Harris Co. M.U.D. 458	90	West Harris Co. M.U.D. 2		

NOTE: This is a listing of all the M.U.D.s in the WHCRWA that have either existing active wells or approved permit applications for wells that will be drilled in the near future and are included in the WHCRWA's GRP.

**February 2, 2018 Abridged Loan Application for WHCRWA-Large Transmission Line
Multi-year loan schedule request**

<u>Year</u>	<u>Amount</u>
2018	\$15,000,000.00
2019	\$15,000,000.00
2020	\$15,000,000.00
<hr/> <hr/>	
Total	\$45,000,000.00