



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 Entities | Counties, Respectively | Regional Water Planning Area |
|--|------------------------|------------------------------|
| City of Corpus Christi & San Patricio Municipal Water District | Nueces & San Patricio | Region N |

Entity Contact Information

| Contact Person | Name | Mark Van Vleck, P.E. (City of Corpus Christi) | Brian Williams, P.E. (SPMWD) |
|-----------------|-------|--|--|
| | Title | Assistant City Manager | District General Manager |
| Mailing Address | | 1201 Leopard St | PO BOX 940 |
| | | Corpus Christi, Texas 78401 | Ingleside, Texas 78362 |
| Phone Number | | 361.826.3235 | 361.777.4037 |
| Fax Number | | N/A | 361.643.9093 |
| Email Address | | MarkVV@cctexas.com | BGW@spmwd.net |

PROJECT DESCRIPTION

| Name of Project <i>(As it appears in the 2017 State Water Plan)</i> | Seawater Desalination and Variable Salinity Program | | | |
|--|---|--------|-------------------------------|---------|
| Where can the project be found in the most recent Regional Water Plan? | Project described on page: | 5D.9-1 | Capital costs listed on page: | 5D.9-10 |
| Phase(s) Applied For | <input checked="" type="checkbox"/> Planning <input type="checkbox"/> Acquisition <input type="checkbox"/> Design <input type="checkbox"/> Construction | | | |
| Population Served When Fully Operational | Over 500,000 | | | |

Description of Proposed Project

A Consortium of industrial and municipal stakeholders has completed a feasibility study for the implementation of a seawater desalination plant in the Corpus Christi Bay Area. The intent of the Consortium is to conduct project definition and planning studies for implementing a full-scale seawater desalination project. This funding application is to address those preparation and definition activities which will include recommendation of a project implementation agency, a plant siting evaluation, infrastructure integration planning, source water characterization, economic impact and cost modeling, public outreach, analysis of concentrate management methods, evaluation of cost allocation strategies, evaluation and selection of a project procurement methodology.

| | |
|--|--|
| Emergency <i>(select all that apply)</i> | <input type="checkbox"/> Applicant/entity's water supply will last less than 180 days. <input type="checkbox"/> Water supply need occurs earlier than anticipated in the State Water Plan. <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 | Efficiency improvement achieved by implementing the project <i>(Please provide an attachment showing the basis for your calculation.)</i> | |
| | <input checked="" type="checkbox"/> No | <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: | \$165 | Annual Median Household Income: | \$42,903 |
|---|-------|--|----------|

| | |
|--|---|
| 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 | 22,420 | 22,420 | 22,420 | 22,420 | 22,420 |

| | |
|---|--|
| Readiness to Proceed <i>(select all that apply)</i> | <input type="checkbox"/> Preliminary planning or design work (30% of total project) has been completed or is not required. |
| | <input type="checkbox"/> Applicant is prepared to begin implementation or construction within 18 months of application deadline. |
| | <input 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 | \$ |
| | Deferred Loan | \$ 2,750,000 |
| | Board Participation | \$ |
| | Local Contribution | \$ |
| | Other: | \$ |
| | Total Estimated Project Costs | \$ 2,750,000 |

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

Please attach a list of all water systems served by the proposed project.

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The City of Corpus Christi is a Regional Water Supplier. The water systems served by the proposed project include, but are not limited to:

The City of Corpus Christi
San Patricio Municipal Water District
Alice Water Authority
Beeville Water Supply District
City of Mathis
Nueces County Water Improvement District No. 4
South Texas Water Authority
Violet Water Supply Corporation
The City of Odem
The City of Taft
The City of Portland
The City of Gregory
The City of Ingleside
The City of Aransas Pass
The City of Port Aransas
The City of Rockport
The City of Fulton