

## CRC Infrastructure Sub-Committee

### Project Identification Template and Instructions

For

### MAWSS Waterline Construction To Serve As Emergency Back-up Line To Spanish Fort Area

#### Project Identification Template

**Instructions:** Please complete all of the information requested with the best information you have available. Limited attachments are acceptable if necessary to adequately describe the project but the **total length should be limited to 6 pages** one-sided (including attachments). This Identification Template is intended as a preliminary mechanism by which proposals and projects to improve the resiliency of Coastal Alabama are solicited and captured with some consistency of format, scope definition, and project benefits and impact. **This is only a first step: proposals and projects will not be funded based upon this submittal. Further information and details will be solicited at such time as the screening and funding process is more fully defined.**

Responses should be received by December 7, 2010, to be included in the appendix the Coastal Recovery Commission Report to the Governor to be submitted December 15, 2010. Submittals after that date will be accepted for consideration but will not be included in the Project Appendix.

Completed Templates may be submitted:

- Electronically (.pdf preferred) to: [crcalabama.templateresponse.com](http://crcalabama.templateresponse.com).
- By US mail to: Coastal Recovery Commission.

P.O. Box 881, Mobile, AL 36601-0881

#### I. What – Project Information/Basic Facts

1. Project Scope: The proposed project is to construct a second/alternate water supply line to serve the Spanish Fort Community. Currently, MAWSS provides the majority of water consumed by Spanish Fort through a single waterline crossing the Mobile Bay Causeway. If this supply line were to be interrupted due to a natural or manmade disaster, Spanish Fort would loose their major source of drinking water. It is proposed that a project

be constructed that would provide a redundant supply line that would supply water to Spanish Fort should the primary supply line be damaged.

2. Project duration or schedule by phase and status of any work in progress 20 months

2.1. Conceptual and Feasibility Planning – 3 months

(Conceptual Analysis Partially Complete)

Engineering – 5 months

Construction – 12 months

3. Estimated Cost (plus or minus 30%) \$4,000,000.00

3.1. Indicate level of confidence in accuracy of these estimates Moderate

## **II. Why – Project Description relative to Impact and Criteria**

1. Identify what need, threat or opportunity that this project, study, or recommendation will address: This project provides for an effective response to a critical infrastructure failure. The alternate supply line would protect the Spanish Fort Community against the loss of water which is vital to their public health, safety, and commerce.

2. How does this project or recommendation address and impact the recommended evaluation criteria:

2.1.1. Coastal Recovery: The project aids in the protection of quality of life and insures the rapid recovery of this coastal community from the failure of critical infrastructure.

2.1.2. Resiliency: The project provides a means of pro-actively responding to the threat of a natural or manmade disaster that causes a failure of critical infrastructure and enables a rapid recovery from such a disaster, which is necessary for economic entities (local commerce) to maintain function.

2.1.3. Transformational: A reliable water supply is critical to sustaining quality of life, commerce, and economic vitality. The project provides for the sustainability and stability of this vital resource.

2.1.4. Regionalism: This infrastructure project is critical to the Spanish Fort Community and will serve/support commercial/economic interest throughout its area.

2.1.5. Economic Diversification: This project leverages the value of a reliable water supply source and insures its sustainability.

3. Project Economics Seeking funding source of \$4,000,000.00
4. Identify Direct Project benefits to Coastal Alabama, including avoided costs, consequence of “No Build” alternative. The project will serve to protect quality of life, public health, and safety. The project will protect against economic losses associated with the inability of local commerce to function in the event of such a disaster.
  - 4.1. Impact on employment, job training and development, both short term and permanent Provides for a reliable/sustainable water supply, which is critical to economic development.
  - 4.2. Oil spill mitigation outside of claims process: Not applicable
5. Identify Indirect benefits and costs
  - 5.1. Collateral Benefits to the objectives of Healthy Environment, Healthy Economy and Healthy Society (subjective responses allowed) Promotes economic expansion and development and reliable public services.
  - 5.2. Collateral Costs or impacts to the objectives of Healthy Environment, Healthy Economy and Healthy Society ( subjective responses allowed) None projected
  - 5.3. Connectivity and Linkage to other projects or initiatives: Does this project complement or compete with other projects? What other projects would be precluded if this project is funded? Complements regional development initiatives

### III. Who/How – General Information

1. Name and contact information for Entity, Collaboration or Person submitting project or recommendation nomination. **Mobile Area Water & Sewer System - Malcolm Steeves, Director**
  - 1.1. *Entities and communities sharing a common threat or need are encouraged to collaborate for a joint/combined project submittal to raise the profile of the issue and solution to be addressed. Also please indicate the level of community support or resistance and hurdles to collaboration.*
2. Identify Sponsoring Entity for oversight and accountability if different from above.

- 2.1. Existing or to be created? Same as above
- 2.1.1. If to be created, what parties or interests must be involved and what level of effort is required to do so? Not applicable
- 2.2. Describe governance, organizational capacity, availability of skills, experience of sponsoring entity to implement the Project: MAWSS routinely provides for the governance over and implementation of such infrastructure projects.
- 2.3. Project complexity: Hurdles and barriers to project implementation, completion and sustainability. Identify regulatory issues. Obtaining a funding source is the biggest barrier to initiating this project. There are no significant regulatory issues anticipated.
3. Identify any known or anticipated administrative, regulatory, or legislative action that would be required at either the local, state, or federal governmental level. None anticipated
4. Requested funding from Coastal Recovery Fund (CRF) \$4,000,000.00
5. Identified potential funding sources other than the CRF FEMA Hazard Mitigation Grant (low probability)
- 5.1. Leverage or multiplier on CRF investment: matching funds, public or private None
- 5.2. Public Private Opportunities, user fees, Federal funds, private foundation grants, bonding capacity, etc. None identified.
6. Forecast of ongoing maintenance or operating costs and source of funding if not self sustaining Annual \$20,000.00