

CRC Infrastructure Sub-Committee

Project Identification Template and Instructions

For

MAWSS Pumps To Supply Emergency Back-Up Water Source

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.
- 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 install pumps at Mobile Area Water & Sewer System's Regulator House Station, which would be capable of pumping raw water from the Mobile River to their Stickney Water Treatment Plant. Currently, MAWSS receives all of its water supply from the Big Creek Lake Reservoir. If this water supply was interrupted by a natural or manmade disaster, the entire water system could be served by sending flow from Regulator House to Treatment Plant. Past projects configured piping

such that water could be diverted in this manner however the pumps have never been installed.

2. Project duration or schedule by phase and status of any work in progress 12 months

2.1. Conceptual and Feasibility Planning - Completed

Engineering - 3 months

Construction - 9 months

3. Estimated Cost (plus or minus 30%) \$650,000.00

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 ability to effectively respond to a critical infrastructure failure and protect against the loss of water supply to Mobile Area which is vital to public health and commerce

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

2.1.1. Coastal Recovery: The project insures protection of quality of life and rapid recovery of community from a failure of critical infrastructure.

2.1.2. Resiliency: The project provides a pro-active response to a potential disaster/failure of critical infrastructure and insure a rapid recovery 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 resource.

2.1.4. Regionalism: This infrastructure project is critical to the region as it serves/supports commercial interest throughout Mobile County.

2.1.5. Economic Diversification: This project leverages the reliable water source/supply available in the Mobile Region and insures its sustainability.

3. Project Economics Seeking funding source of \$650,000.00
4. Identify Direct Project benefits to Coastal Alabama, including avoided costs, consequence of "No Build" alternative. Project will serve to protect quality of life and public health. The project will protect against economic losses associated with loss of ability of local commerce to function in events such as a disaster/failure.
 - 4.1. Impact on employment, job training and development, both short term and permanent Provides for reliable/sustainable water supply 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 future economic growth and expansion and better funded 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) existing

- 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 funding source is the major barrier to project. No significant regulatory issue 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) \$650,000.00
5. Identified potential funding sources other than the CRF FEMA Hazard Mitigation Grant
- 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. See responses above. No other viable funding sources have been identified.
6. Forecast of ongoing maintenance or operating costs and source of funding if not self sustaining Annual \$14,000 (General Budget - MAWSS)