CRC Infrastructure Sub-Committee

Project Identification Template and Instructions

Foley Beach Express Electric Substation & Transmission System Improvements

I. What – Project Information/Basic Facts

1. Project Scope Add electric capacity and improve reliability of the electric service to the Foley Industrial Park in two phases as described below. This project also improves electric reliability to the entire electric system from Foley to Lillian.

   1.1. **Foley Beach Express Substation:** Construct an electric distribution substation in the Foley Industrial Park to provide up to 50MVA of additional capacity to the development and surrounding areas.

   1.2. **Foley-Elberta Transmission Line Upgrade:** Improve the electric transmission line between Foley and Elberta to provide increased capacity and harden the line against failure due to catastrophic events.

2. Project duration or schedule by phase and status of any work in progress Substation construction would take 12 months to complete from start of work. The transmission line upgrade is expected to take up to 18 months.

   2.1. Conceptual and Feasibility Planning, Engineering, Construction An appropriate parcel of land is currently being secured for the substation. When that has been finished we will begin with the conceptual plans, and start to clear and prepare the property. The transmission line upgrade is in the conceptual planning stages already. Actual engineering and construction planning will take place after the land rights have been secured.

3. Estimated Cost (plus or minus 30%) **TOTAL $6 million (Substation -** $2 million : **Transmission Line Upgrade -** $4 million)

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

II. Why – Project Description relative to Impact and Criteria

1. Identify what need, threat or opportunity that this project, study, or recommendation will address A sufficient supply of reliable electricity is crucial to the development of the Foley Industrial Park, located south of US98 on the Foley Beach Express. This substation will ease the concerns of potential developers about the electric system feeding this industrial development. The complete project also improves the reliability and recoverability of the electric system from Foley to Lillian.

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

   2.1.1. Coastal Recovery The ability to back up our normal supply of electricity to this area from another source is critical to the rapid recovery of businesses after a major storm event.

   2.1.2. Resiliency As mentioned above, a redundant supply of electricity to the area helps in all three defined aspects of resiliency; a) reduces probabilities of failure, b) reduces the consequences of failure, and c) reduces the time needed to recover.

   2.1.3. Transformational A strong, reliable, and dedicated source of electrical supply is an important incentive towards the further development of the Industrial Park.

   2.1.4. Regionalism Through the promotion and development of the Industrial Park, jobs are created in the region, and economic development is encouraged. This project helps to provide a better environment for such development.

   2.1.5. Economic Diversification By encouraging the development of such industrial areas, the regional economy is diversified from strictly a tourism-based economy.

3. Project Economics This project directly affects the development of the Industrial Park, which can have a significant impact on the regional economics.

4. Identify Direct Project benefits to Coastal Alabama, including avoided costs, consequence of "No Build" alternative. Industries are reluctant to build and/or expand into areas where they question the strength of infrastructure, particularly utilities. Without proper infrastructure, companies are not as willing to place multi-million dollar facilities or expansions in our area.

   4.1. Impact on employment, job training and development, both short term and permanent This project would help to ensure that existing industrial jobs could remain in place, and offer the possibility of additional jobs.

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) The development of industrial areas such as this certainly help to promote a healthy economy, which in turn helps to promote a healthy society.

5.2. Collateral Costs or impacts to the objectives of Healthy Environment, Healthy Economy and Healthy Society (subjective responses allowed) Our past experience with such construction tells us that the only real concerns are the cutting of rights-of-way, which would be minimal in this case, and the aesthetics, which aren't an issue in an industrial development.

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? This project directly supports and encourages the development of the Foley Industrial Park.

III. Who/How – General Information

1. Name and contact information for Entity, Collaboration or Person submitting project or recommendation nomination. **The Utilities Board of the City of Foley, AL, 413 East Laurel Ave, Foley, AL 36535, Attn: Tom DeBell**

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? Not Applicable

2.1.1. If to be created, what parties or interests must be involved and what level of effort is required to do so? _____

2.2. Describe governance, organizational capacity, availability of skills, experience of sponsoring entity to implement the Project The Board has many years experience in the construction, operation, and maintenance of such electrical facilities.

2.3. Project complexity: Hurdles and barriers to project implementation, completion and sustainability. Identify regulatory issues. Acquisition of rights-of-way (R/W), and standard environmental regulations regarding construction projects. There is only a small amount of R/W along a major road to be acquired, and is not expected to be an issue. Construction permits with ADEM for stormwater management and regular BMP's are also not expected to present any delays.

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

4. Requested funding from Coastal Recovery Fund (CRF) $6,000,000

5. Identified potential funding sources other than the CRF The Board's bond- and rate-funded capital

5.1. Leverage or multiplier on CRF investment: matching funds, public or private It is not anticipated that matching funds will be available.

5.2. Public Private Opportunities, user fees, Federal funds, private foundation grants, bonding capacity, etc. This project does not lend itself to the use of private investments.

6. Forecast of ongoing maintenance or operating costs and source of funding if not self sustaining O/M costs are covered by the Board's normal operating funding. The project itself helps to contribute to these funds by promoting increased sale of electricity.