



Hurricane Ike Recovery Program PROJECT SUMMARY

County	Angelina	City	Lufkin
COG	Deep East Texas Council of Governments	Applicant	City
Project ID	1440-ANG-W26	Estimate Date	03/23/09
Project Name	Generator for Lift Station - Cow Paddy #2		
Address/Limits	Sycamore Drive		



Schedule & Cost

Category	Schedule Duration	Projected Cost
Engineering ¹	4 months	\$52,350
ROW/Easement ¹	4 months	\$9,830
Construction ¹	8 months	\$267,780
Total Estimated Project Cost ^{1,2}		\$329,960

Funding:

Potential funding sources for these projects include FEMA (Public Assistance and 406 Mitigation), 404 Funding (administered by GDEM), CDBG, and local match for FEMA funding. CDBG funds cannot be used for local match to any items eligible for FEMA funding.

Duplication of benefit is not allowed.

Project Description

As a result of Hurricane Ike on September 13, 2008, this lift station failed to operate due to failure of normal utility power and lack of a permanent generator for backup power. Normal utility power failed due to storm damage. Provide a concrete pad mounted 125 kilowatt generator that will act as a backup power supply and will have a fuel tank capacity of 4 days. Exact generator sizing to be determined during design. Scope includes other related appurtenances including new service grounding and pad mounted surge protective device and automatic transfer switch with service entrance breaker. The top of the generator concrete pad is to be raised to 2 feet above the 100-year flood elevation. Fencing will be provided around the generator. A driveway will be provided for access to the generator for fueling purposes.



Facility Type: Water & Wastewater

Project Type: Lift Station

Project Status: Not Started

NEPA: Categorical Exclusion (CE) – Level 2

¹ Projected costs shown reflect inflation costs.

² The total project cost does not include environmental and project delivery (local administration) costs.

³ Recommended scope, cost estimate and schedule are for planning purposes only. Refinements will be required during subsequent planning and design phases.