

## Catalyst Plant

(Tabs 7 & 8)

### Project Description

This project will design and construct a new Catalyst plant that will produce a range of chemical intermediate and final products.

### Site Information

The plant is proposed to be built at the Seadrift Plant site.

### Proposed Improvements

The proposed improvements for this project include: Site improvements such as buildings, pipeways, utilities, foundations and process equipment including reactors, compressors, purification systems, separation equipment, raw material unloading facilities, storage facilities, vessels, pumps, valves, filters, electrical and instrument systems and other miscellaneous equipment.

Project will also include any other necessary equipment and structures to construct and operate a fully functioning manufacturing plant.

### DESCRIPTION OF QUALIFIED PROPERTY

This project provides for the design and construction of a catalyst plant production facility and related raw material conditioning, utilities and logistics improvements. The plant will manufacture catalyst which is used in production of high density polyethylene. The estimated total investment for this project is \$105 million.

The proposed catalyst facility will be constructed on a site in the Seadrift plant area of Calhoun County.

Major equipment and facilities provided within the scope of the project may include:

- Heat Exchangers
- Compressors
- Pumps
- Filters
- Chemical Processing Equipment
- Cooling Tower
- Storage Tanks

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- Electrical Power Distribution
- Transmitters / Instrumentation
- Computer Control System
- Insulation
- Raw Material unloading

In addition, the project will provide site infrastructure facilities such as:

- Product Storage Building
- Operations Control Building
- In plant Roadway Access
- Site Drainage, Grading and Rainfall Management