

Municipal Lift Station

Date Completed:

2014

Construction Cost:

\$2.0 Million

Client or Owner's Rep:

Mr. Marcel Khouw, PE
Sr. Project Manager, IDS

Highlights:

- ✓ **Lift Station**
- ✓ **Electrical, Instrumentation and Controls**
- ✓ **Rehabilitation**
- ✓ **Temporary Power**

Photos: *Lift Station Control Panel and Disconnect Switchrack*

Grenshaw Lift Station

City of Houston | Houston, Texas

Project Description | The project includes rehabilitation of Grenshaw Lift Station including electrical, instrumentation and control.

Services Provided | As a sub-consultant to IDS., KGI was responsible for electrical, instrumentation and controls portions of the project during PER, detailed engineering and construction phases. KGI's scope included removing and replacing existing electrical power, controls, and instrumentation not only to meet the higher pump HP requirements. The project included a 4-pump 40 HP submersible lift station with a firm capacity of 5.15 mgd. The proposed improvements included outdoor lift station control panels (with provisions for a future Control Building), power to submersible pumps, site lighting and other miscellaneous electrical. In addition, KGI was responsible for coordinating with CenterPoint Energy for incoming electrical power.

