

Electrical

Date Completed:

2013

Construction Cost:

\$2.2 Million

Client or Owner's Rep:

Mr. John Msigwa, PE
Managing Engineer
City of Houston

Highlights:

- ✓ **Mechanical, Piping, Electrical, Instrumentation, Controls and SCADA**
- ✓ **Design Phase and Construction Phase Services**
- ✓ **VFDs**
- ✓ **Standby Generator**
- ✓ **Minimal Disruption to Existing Operations**
- ✓ **M/WBE goals and objectives**
- ✓ **On Budget and Schedule**

Photos: Katy Addicks Booster Pump, and Medium Voltage Switchgear and VFD.

Katy Addicks Re-Pump Station – Booster Pump Addition

City of Houston | Houston, Texas

Project Description | The project includes installing Booster Pumps BP-3002 & 3004 and all the related appurtenances.

Services Provided | City of Houston selected KGI for preparation of the bid documents consisting of construction plans and specifications. Some of the major improvements included:

- Install new Booster Pumps BP-3002 & BP-3004
- New 2nd Standby Diesel Generator
- New Switchgear and VFDs
- Expand Generator Building
- Power, instrumentation and controls for the new Booster Pumps
- SCADA Improvements

