



| Contract Description | Value USD | Period of Contract |
|--|---|--------------------|
| Dewitt Tank Farm and Pump Station | \$ 1.2M | 2012-2013 |
| System Features | <p>The KMCC pipeline originates in the Eagle Ford Shale and delivers crude/condensate to multiple terminals with access to refineries, petrochemical plants and docks on the Texas Gulf Coast. The KMCC pipeline currently has origin points in Karnes, DeWitt and Gonzales counties in the Eagle Ford shale and access to western Eagle Ford production via an interconnect with existing pipeline infrastructure. The client's 250-mile KMCC pipeline, which went into service in June 2012, is supported by long-term contractual commitments and has a capacity of 300,000 barrels per day (bpd). The client is now accepting nominations to move product from the Eagle Ford shale to the Texas Gulf Coast. In addition to its connectivity to third-party terminals, the KMCC pipeline will tie into an existing petroleum condensate processing facility near the company's Galena Park terminal on the Houston Ship Channel.</p> <p>Cardinal Systems provided complete process control system engineering services for the facility including detailed design, PLC / PanelView programming, SCADA integrated testing, field commissioning and testing, and comprehensive documentation package for the Tank Farm and Pump Station facility.</p> | |
| <ul style="list-style-type: none"> ▪ 16 Lane Offloading ▪ Inbound Flow Monitoring ▪ Inbound Pressure Control ▪ Tanking Valve Manifold Controls ▪ Sump Monitoring and Interlocks ▪ Tank Level Monitoring and Interlocks ▪ Booster Monitoring and Control ▪ Unit Monitoring and Control ▪ Meter Prover Monitoring and Control ▪ Unit Monitoring and Control ▪ Remote Centralized Monitoring & Control ▪ Distributed PLC Process Control ▪ Local O & M Interfaces ▪ KMCC Client Alert and Interlock ▪ ClearSCADA® HMI Software ▪ Redundant Satellite/T1 WAN ▪ Self-Healing Fiber Ring LAN ▪ Rockwell Control Logix PLC ▪ Rockwell PanelView Plus OIT ▪ Full System Integration ▪ 24/7/365 Support ▪ Issue Reporting and Tracking SW | <p>About Cardinal Systems Integration</p> <p>Cardinal Systems Integration is an industry leading engineering group providing full turn-key solutions for the midstream oil and gas industry. Our dedicated team provides customized solutions for projects of any scale. With hundreds of installations completed for North America's largest midstream corporations our goal is to continue our quest for safety while we automate quality and performance.</p> <hr/> <p>Automating Quality and Performance.</p> <p>105 Hembree Park Dr. Roswell, GA. 30076 770. 727. 2223 sales@cardinalsi.com www.cardinalsi.com in</p> | |