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THE GROUND HAS BEEN BROKEN - SUNCADIA

by Jerry Wilkison

Romtec Utilities has opened its doors to a whole new side of our pump station scope of work. In March, 2010 Romtec Utilities added a construction/installation branch to our vast pump station industry. Suncadia, LLC in Cle Elum, Washington was our first construction/installation project, and a very successful first project. Suncadia Resort, with its breathtaking views of the Washington Cascades, asked Romtec Utilities to design and build a 10ft diameter by 16 1/2ft deep pump station with a valve vault and pig launcher (for flushing objects out of the 8 inch forced main).



Romtec Utilities' Vice President Mark Sheldon took the opportunity to pitch the idea to have a chance at quoting the installation of these large structures. Within a week Romtec Utilities was designing and estimating the construction and installation of this project. Romtec Utilities' engineering department worked with Suncadia's contracted engineering firm Goldsmith, and proposed a set of drawings. One drawing was inside the work zone, which Romtec Utilities did the plans for, and the other set was outside the work zone, which Goldsmith drew up. "Inside the work zone" consists of the three concrete structures with elevations, mechanical fittings and locations, pumps, valves, pig launcher, electrical control panel, and shelter. "Outside the work zone" consisted of 8"- 12" PVC gravity sewer pipe, 8" PVC C-900 forced main pipe, and 2" CTS poly pipe with elevations, manholes, and water backflow preventer. After a couple weeks of site visits, design engineering, and estimating we were awarded the entire project.

Following the stages of pre-construction we launched into finalizing the project schedule, starting production of concrete structures, and approval of submittals. We broke ground on May 3rd, with Italics Construction as prime subcontractor and Neatline Construction as their subcontractor - diesel smoke was in the air. Twelve days later all installation and construction was completed and testing was done and approved. Overall the project was a great success, congratulations to all involved.

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