

Case Study

Forward Operating Base Training Camps at Gowen Field



Expertise
Partnership
Availability
Reliability
Safety
Flexibility
Technology

The Challenge

In July of 2008, the Oregon National Guard contacted Deployed Resources to provide a proposal for five turnkey base camp facilities known as forward operating bases for a training exercise that would take place at Gowen Field near Boise, Idaho. The services required included tents for sleeping, classroom, and communication, along with complete food service (hot meals), potable water systems, showers, toilets, wastewater treatment systems, laundry service, and of course, power and HVAC for all of these facilities.

United Rentals worked closely with Deployed Resources, who had won the contract to provide these services for the training exercises scheduled to begin in August 2008.

The Solution

Deployed Resources selected United Rentals Pumps, Power, HVAC to provide all of the necessary power, HVAC, and distribution equipment to

ensure the base camps were fully operational and comfortable in a high desert climate in the middle of August. Troops would train there for approximately two weeks.

United Rentals Pumps, Power, HVAC immediately began coordinating the equipment, trucking, and technical staff that were needed to support Deployed Resources and their base camp power and HVAC needs. As the equipment arrived on site, our crew moved selected pieces of equipment out to individual base camp locations that were being set up throughout this vast high desert location, all of which were many miles apart, and not easily accessible because of the rugged desert terrain.

Our large trucks could not travel any faster than 5 – 10 miles per hour on these desert roads, so the selected pieces of equipment needed for each base camp drove in caravan fashion to reduce the number of time-consuming trips into the desert. This saved a considerable amount of time and allowed us to move from camp to camp with all the necessary equipment.

Once the equipment arrived at the base camp, the technical team placed the generators and HVAC equipment and ran thousands of feet of cable needed to reach all the locations in the base camp that required electricity. This included power in the sleep tents for lighting and laptop computers, power for all of the kitchen facilities, and the communication and classroom facilities.

United Rentals Pumps, Power, HVAC had over 20 generators on site ranging in size from 20kW to 320kW along with transformers and distribution panels to ensure all the necessary voltages from 110V to 480V were available for the customer's required needs. In addition to the power and

distribution equipment, we had 29 air conditioners ranging in size from 5-tons to 25-tons on site to provide cooling for the critical areas of each base camp.



Transformer – 480V–208V providing low voltage power to PPH distribution equipment.

These training exercises are very important for many branches of the military. They try to set up training operations in locations that have similar conditions to those they may encounter on the job.

The Benefits of Partnership

United Rentals Pumps, Power, HVAC's equipment and services are ready at a moments notice to serve customers in all terrains. You can count on us to do whatever it takes to get the job done, from start to finish. Consider it done.™



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About United Rentals: United Rentals, Inc. (NYSE: URI) is the largest equipment rental company in the world, with an integrated network of more than 665 rental locations in 48 states, 10 Canadian provinces and Mexico. The company's 10,400 employees serve construction and industrial customers, utilities, municipalities, homeowners, and others. The company offers for rent over 2,900 classes of rental equipment with a total original cost of \$4.2 billion. United Rentals is headquartered in Greenwich, Conn. Additional information about United Rentals is available at unitedrentals.com.