



CAT Simulator Use Case

▼ DESCRIPTION

Summary of the due diligence practices for FFCE consideration for the procurement of simulators and/or equipment and for correctional institution programs. This CAT Simulator training would develop vocational skills and potential for reentering citizens in the state of Florida.

▼ PRE-CONDITIONS

Currently, other brand(s) of simulators that have been and are still being used are not consistent with real-life equipment, have limited capacity with training, and may be inconsistent with performance. By comparison, the Caterpillar simulator is a better product and demonstrates improved durability and product life expectancy while training with greater real-application experience. The addition of the Caterpillar simulator will expand vocational training with improved preparation for post-release employment.

▼ FLOW

The Heavy Equipment Operator (HEO) program is a 900-hour course based on the Florida Department of Education frameworks. The course will be taught using the NCCER curriculum. Initially, Lowell's HEO program will share an instructor with Marion CI. Each program will have five days of instruction every two weeks. Classes are six hours each day. Due to sharing an instructor, the course is projected to last 18 months for full completion. However, when a full-time instructor is in place, each cohort of 20 will complete about every nine months. The program will operate on an open entry/open exit policy (as a student leaves the program, another will be added), continually keeping the class at capacity.

▼ POST-CONDITIONS

Provision of the Caterpillar Simulator will provide skill development and training for heavy equipment operation for participants paving the way for reentry success. In the current male-dominated industry, this training will open opportunities for women with them returning to the community with new social and job employment skills. This preparation prior to release will help equip the women to stay out of prison.