

Project Profile



Client	Augility
Location	Cultana, SA
Value	\$1.5 million
Duration	April 2018 - September 2018
Type	Lump Sum Construct Only

Project Overview

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The 2,100km² Cultana Training Area is one of the Australian Defence Force's largest training area and is located approximately 300km north west of Adelaide. The nearest localities are Port Augusta, Whyalla and Iron Knob.

Scope of Work

Intract Australia were engaged to undertake refurbishment and upgrade works on the firing point and associated infrastructure. This includes unexploded ordnance (UXO) clearance to selected areas totalling 50,000m², the establishment of new 4,000m² hardstand pavements and trails to the perimeter of the range, and the installation of new precast structures. Earthworks totalled approximately 20,000m³. Site boundaries were highly controlled due to the risk of encountering UXO outside of designated work areas.

Range floor works included the removal of existing targets and installation of new targets, installation of new arc markers, the establishment of fire trails to the perimeter of the range and a new access track.

Firing Point Works included the construction of a new OIC (officer in charge) control tower, ammunition preparation bay, ammunition produce bay, misfire holding bay, two waiting bays, three practice bays, three high explosive fire bays, three vehicle bays for vehicle mounted automatic grenade launchers, hardstand apron to and behind the firing points, concrete pavement between the firing points and waiting bays, and the installation of new signage on the firing line. A new flagpole and signage located at the sentry point on the access road was also installed.

The project team liaised with the Range Control Officer throughout the project to ensure the works undertaken met general Defence safety standards for work on a Defence Training Area and the Defence project sponsor to the standards for this type of shooting range. Works were completed one month ahead of schedule.

Local and Indigenous Participation

Workforce peaked at 12 personnel including four Indigenous personnel achieving an Indigenous Participation rate of 34%. Local contractors were used for labour hire and the provision of rubble. 8,000 work hours were completed on site without incurring a single safety or environmental incident.

The majority of plant and equipment on the project was Intract owned and operated and included a 13t and 8t excavator with a rock breaker attachment, a front-end loader, 140 Grader, 12t smooth drum roller, 12t pad foot roller, 50,000L quick fill tank, skid steer, mini 3t excavator and a 12,000L water truck.

