



# **New Gun Range Fort Prospect**

Bermuda

## **Annex A Scope of Work**

Date: September 22, 2017

Project No. 31-263-76



## Part 1 GENERAL

### 1.1 Scope of Work

- .1 The Works consists of:
  - .1 Coordinating all construction activities to minimize any disruption to the other users of the Fort Prospect facility
  - .2 All work to be completed in accordance with the Bermuda Building Code, 2014
  - .3 Excavation and grading for footings to the lines and grades shown on the drawings
  - .4 Excess excavated materials are to be removed from the site and disposed of offsite.
  - .5 Removal of all soft rock or sand pockets in the area of the new concrete slabs and backfilling with compacted granular materials or lean concrete
  - .6 Excavation and construction of soak away trenches and pits, including galvanized 1 ½" metal grating covers, as shown on the drawings
  - .7 Construction of drain lines including excavation, drain pipe supply and installation, backfilling and compaction of the trenches as shown on the drawings
  - .8 Construction of a 4" thick concrete slab, 180' x 30', in the shooting range area, complete with A98 galvanized wire mesh, saw cut control joints, and sloped to the soak away trench as shown on the drawings
  - .9 Construction of a 6" thick concrete slab, approximately 40' x 28', in the target area, complete with A142 galvanized wire mesh, saw cut control joints, and sloped to the soak away trench as shown on the drawings
  - .10 Construction of masonry columns, complete with 5 T20 hooked starter bars, and concrete footings to support the galvanized structural steel beams for the baffle supports
  - .11 Construction of bearing pads in the moat walls to support the galvanized structural steel beams at the correct elevation for the baffle supports
  - .12 Supply and install a roof for the deceleration chamber / target area, complete with marine grade plywood and pressure treated lumber, primed with painted with two top coats on all exposed surfaces, as shown on the drawings
  - .13 All structural steel beams, A325 bolts, A36 anchor bolts, roof bolts, reinforcing steel, and wire mesh shall be hot dipped galvanized
  - .14 Installation of a uni-strut sub-frame to support the overhead baffles as shown on drawing sheet A3 Rev B Structural Baffle Support, Safety Ceiling & Roof, Bullet Catch Area; as a provisional sum item listed in the Form of Tender



- .15 Install, and commission a bullet catch and overhead safety baffles, manufactured by Savage Range Systems, or similar, including on-site technical assistance from the manufacturer for the installation and training of Owners personnel on the operation and maintenance of the equipment. This work will be conducted under a provisional sum item listed in the Form of Tender
- .2 The Contractor shall submit Health and Safety plan and method statements to demonstrate how they intend to undertake the works.

## **Part 2 Restrictions**

- .1 The works for this project will be undertaken at restricted access sites on government property.
- .2 The Contractor will be required to keep the Bermuda Police Service and W&E engineer representative informed regarding access, construction activities and the temporary storage of building materials and excavated material.

END OF SCOPE OF WORK