



**GOVERNMENT OF BERMUDA**

Ministry of Public Works

Works and Engineering

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Scope of Work  
Project No. 31-263-76  
New Gun Range, Fort Prospect

# **New Gun Range Fort Prospect**

Bermuda

## **Annex A Scope of Work**

Date: February 24, 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 Clearing and grubbing of the site to remove all vegetation and top soil
  - .4 Excavation and grading of the site to the lines and grades shown on the drawings
  - .5 Excess excavated materials are to be removed from the site and disposed of offsite.
  - .6 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
  - .7 Excavation and construction of soak away trenches and pits, including galvanized 1 ½" metal grating covers, as shown on the drawings
  - .8 Construction of drain lines including excavation, drain pipe supply and installation, backfilling and compaction of the trenches as shown on the drawings
  - .9 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
  - .10 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
  - .11 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
  - .12 Construction of bearing pads in the moat walls to support the galvanized structural steel beams at the correct elevation for the baffle supports
  - .13 Supply and install security fencing and gates at both ends of the site to secure the area complete with gates as shown on the drawings
  - .14 Security fencing shall be 2" PVC coated fabric as shown on the drawings
  - .15 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
  - .16 Install a storage container and a portable bathroom trailer including



transportation of the container and trailer from the Bermuda Police Compound to the site, supply and installation of level and secured timber supports, coordination of all electrical supply and connections, as shown on the drawings

- .17 All structural steel beams, A325 bolts, A36 anchor bolts, roof bolts, reinforcing steel, and wire mesh shall be hot dipped galvanized
  - .18 Installation of a uni-strut sub-frame to support the overhead baffles as shown on Savage Range Systems drawing 1900 000 02 Rev 3, as a provisional sum item listed in the Form of Tender
  - .19 Supply, install, and commission a bullet catch and overhead safety baffles, manufactured by Savage Range Systems, or similar, as detailed on the attached estimate #Q17-0572, 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 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 landowner informed regarding access and the temporary storage of building materials and excavated material.

END OF SCOPE OF WORK