



New Gun Range, Fort Prospect

Bermuda

Addenda #1

Date: March 6, 2017

Project No. 31-263-76



March 6, 2017

Dear Bidders

The following addendum supersedes information contained in the Tender for the New Gun Range, Fort Prospect dated February 24, 2017. This Addendum forms part of the Tender documents and is subject to all of the conditions set out in the contract conditions.

This Addendum # 1 contains 3 pages.

Addendum #1

1. Annex A - Scope of Work

1.1. Add to Part 1 General, 1.2 Scope of Work, new clause 1.1.1.20

1.1.1.20 Supply and install all electrical materials as shown on Drawing E101 "General Notes, Panel Schedule, Lighting", complete in every respect.

2. Annex – Drawings and Reference Documents

2.1. Add electrical drawing E101 "*General Notes, Panel Schedule, Lighting*".

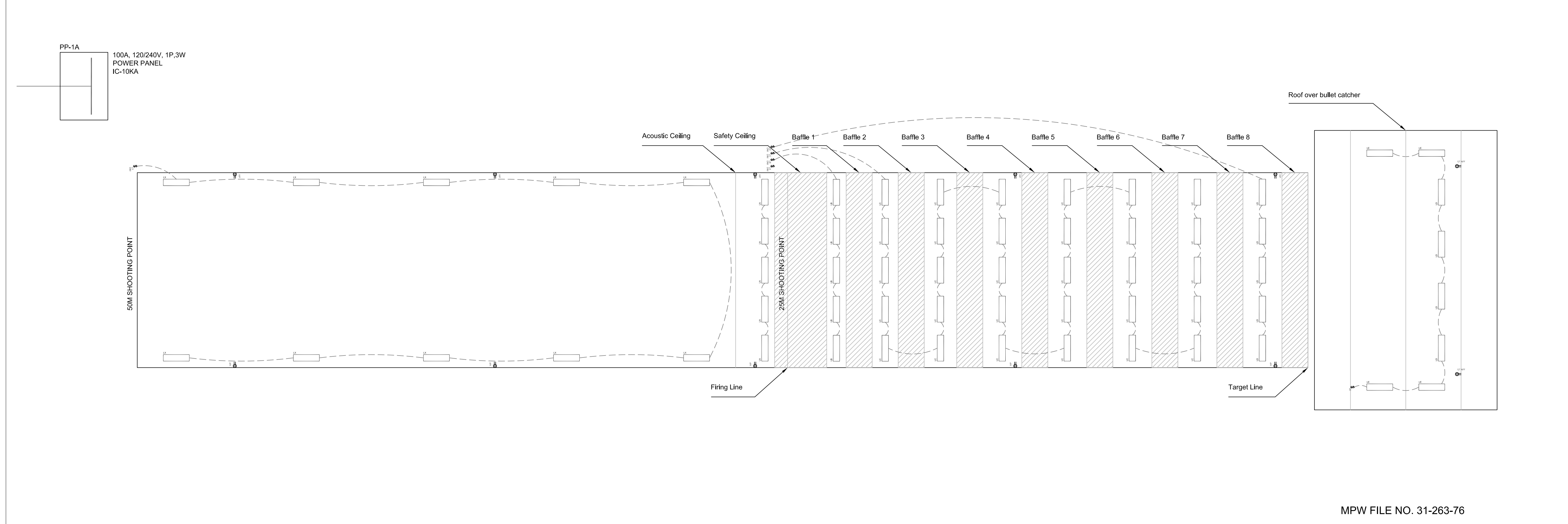
END

ELECTRIC SERVICE PANEL SCHEDULE													
PANEL BOARD:		PP-1A		MANUFACTURER:		SIEMENS		FEED:		<input type="checkbox"/> MAIN LUG <input type="checkbox"/> MAIN BREAKER <input type="checkbox"/> 100 <input type="checkbox"/> 125 <input type="checkbox"/> 225 <input type="checkbox"/> 250 <input type="checkbox"/> 400 <input type="checkbox"/> 600 <input type="checkbox"/> 800 <input type="checkbox"/> ALUMINUM [A] <input type="checkbox"/> COPPER [C] <input type="checkbox"/> SILVER FLASHED Cu [E]			
LOCATION:		STORAGE CONTAINER		CATALOG NO:		P[1] [A] [24] [1] [C] [B] [S]		AMPERAGE:		<input type="checkbox"/> TOP [T] <input type="checkbox"/> BOTTOM [B] <input type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH MAIN BREAKER CODE: [TBD] SPD: <input type="checkbox"/> YES <input type="checkbox"/> NO CATALOG NO: -			
TYPE OF PANEL:		<input type="checkbox"/> P1 <input type="checkbox"/> P2 <input type="checkbox"/> P3 <input type="checkbox"/> P4 <input type="checkbox"/> P5 VOLTAGE AND SYSTEM: <input type="checkbox"/> 120/240 1P 3W [A] <input type="checkbox"/> 240/120 3P 4W [B] <input type="checkbox"/> 208Y/120 3P 4W [C] <input type="checkbox"/> 480Y/277 3P 4W [E]		CIRCUITS:		<input type="checkbox"/> 8 <input type="checkbox"/> 24 <input type="checkbox"/> 42							
WIRE (THNN)			DESCRIPTION	BREAKERS		VA			BREAKERS		WIRE (THNN)		
PH	NEUT	GND		AMP-POLES	L1	L2	L1	L2	AMP-POLES	PH	NEUT	GND	
1#12	1#12	1#12	LTS STORAGE CONTAINER EXT.	20-1P	-	-	1	-	20-1P	1#12	1#12	1#12	
1#12	1#12	1#12	LTS STORAGE CONTAINER	20-1P	-	-	3	-	20-1P	1#12	1#12	1#12	
1#12	1#12	1#12	LTS PORTABLE WASHROOM	20-1P	-	-	5	-	20-1P	1#12	1#12	1#12	
1#12	1#12	1#12	LTS SHOOTING RANGE	20-1P	-	-	7	-	20-1P	1#12	1#12	1#12	
1#12	1#12	1#12	LTS SHOOTING RANGE	20-1P	-	-	9	-	20-1P	-	-	-	
1#12	1#12	1#12	LTS SHOOTING RANGE	20-1P	-	-	11	-	20-1P	-	-	-	
1#12	1#12	1#12	LTS SHOOTING RANGE	20-1P	-	-	13	-	20-1P	-	-	-	
1#12	1#12	1#12	LTS SHOOTING RANGE	20-1P	-	-	15	-	20-1P	-	-	-	
1#12	1#12	1#12	LTS BULLET CATCHER AREA	20-1P	-	-	17	-	20-1P	-	-	-	
-	-	-	-	20-1P	-	-	19	-	20-1P	-	-	-	
-	-	-	-	20-1P	-	-	21	-	20-1P	-	-	-	
-	-	-	-	20-1P	-	-	23	-	20-1P	-	-	-	
			TOTAL VA										
BAR L1: 0 kVA		CONNECTED LOAD: 0 kVA		DEMAND FACTOR: <input type="checkbox"/> 75% <input type="checkbox"/> 100%		MAIN BREAKER: [2] POLES x [100] A IN MAIN DISTRIBUTION PANEL		FEEDER: -					
BAR L2: 0 kVA		DEMAND LOAD: 0 kVA		DEMAND AMPS: 0 A		CONDUIT: -							

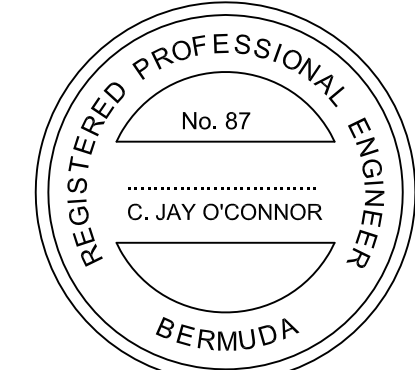
- GENERAL**
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC).
 - COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES WITH ARCHITECTURAL AND INTERIOR DESIGN DOCUMENTS AND RESPECTIVE CONTRACTORS ON SITE.
 - COORDINATE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS.
 - ALL RECEPTACLES IDENTIFIED AS 5-20R SHALL BE 15/20A T-SLOT TYPE.

- ELECTRICAL PROVISIONS FOR MECHANICAL EQUIPMENT**
- COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORK AS ONLY APPROXIMATE LOCATIONS ARE SHOWN.
 - ALL 120/208V POWER PROVISIONS AND STARTERS C/W ASSOCIATED LOAD AND LINE SIDE POWER WIRING SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. ALL VFD'S AND MECHANICAL EQUIPMENT CONTROL PANELS SHALL BE PROVIDED BY MECHANICAL CONTRACTOR, BUT ALL ASSOCIATED LINE AND LOAD SIDE POWER WIRING SHALL BE BY ELECTRICAL CONTRACTOR. LINE AND LOAD SIDE WIRING INCLUDES ALL POWER WIRING BETWEEN ELECTRICAL PANELS AND VFD'S/STARTERS/CONTROL PANELS AND FROM VFD'S/STARTERS/CONTROL PANELS TO MECHANICAL EQUIPMENT.
 - ALL CONTROL WIRING FOR MECHANICAL EQUIPMENT SHALL BE UNDER DIVISION 15 CONTRACT, BUT INSTALLED BY AN ELECTRICAL CONTRACTOR AS DETERMINED BY MECHANICAL/CONTROLS CONTRACTOR.
 - PROVIDE DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT WHERE SHOWN ON DRAWINGS AS REQUIRED BY CODE. IF MECHANICAL EQUIPMENT OR REMOTE VFD (BY DIVISION 15) IS WITHIN LINE OF SIGHT OF MECHANICAL EQUIPMENT OR ARE ALREADY PROVIDED C/W DISCONNECTING MEANS, THEN THE DISCONNECT SWITCH IS NO LONGER REQUIRED AND SHALL NOT BE PROVIDED.
 - ENSURE TO REVIEW ELECTRICAL DOCUMENTS TOGETHER WITH MECHANICAL DOCUMENTS DURING TENDER.

1 ELECTRICAL PANEL SCHEDULE
E101 DETAIL N.T.S.



2 GUN RANGE LIGHTING LAYOUT
E101 DETAIL N.T.S.



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BERMUDA POLICE SERVICE
NEW GUN RANGE
FORT PROSPECT
DEVONSHIRE DV 02, BERMUDA
GENERAL NOTES, PANEL
SCHEDULE, LIGHTING

PROJECT NO: 17008
DRAWN BY: IAL
DATE: 27 FEB 17
SCALE: NTS

E101

MPW FILE NO. 31-263-76