

## METHOD of MEASUREMENT

Project **Dominica Air Access Improvement Project**  
 Subject **Package 5: Supply Equipment - Melville Hall**  
**Lot 2: Air Traffic Control**  
 Client **Government of the Commonwealth of Dominica**  
**Ministry of Communications and Housing**

Item no.	Item description	Unit	Measurement and Payment
16075	<b>Electrical identification</b>	item	No separate measurement. Wire connectors and cable tagging shall be included in the wire and cable rates.
16100	<b>Grounding</b>	item	Grounding shall be enumerated per item. Rates include delivery and installation of all necessary copper, clamps, test-clamps and all other items.
16129	<b>Indoor cables and wires</b>	m	Enumerated separately, stated per item. Rates include delivery, installation and extra cabling lengths at terminations to equipment and other items. This item includes cable markers which are installed every 10 m.
16130	<b>Raceways and boxes</b>	no.	Enumerated separately, stated per item. Rates include delivery and installation including flexible conduit, cable tray, metal raceways, outlet boxes, pull/junction boxes and accessories. Installing in existing buildings includes drilling and closing holes and restoration of ceilings and walls.
16140	<b>Wiring devices</b>	no./m	Enumerated separately, stated per item. Rates include delivery and installation, including wall switches, dimmers, receptacles, device plates, decorative box covers and enclosed (non-fused) switches.
16178	<b>Underground cable</b>	m	Measured in linear meters, rates are to include the delivery, installation and extra cabling lengths at terminations to equipment and appliances, glands, terminations, leggings and drawing into conduits or laying in trays or trenches. This item also includes cable markers which are installed every 10 m. For installation in trenches, this item includes PE protective slabs and clean sand.
16210	<b>Uninterruptible power system</b>	item	Enumerated as an item. Rates are to include delivery, installation and testing, to be approved by the Project Manager.

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Item no.	Item description	Unit	Measurement and Payment
16470	<b>Distribution board</b>	no.	The rate shall include delivery and installation of complete assembly including equipment grounding bus, its accessories, wiring & terminations, circuit identification, mounting brackets, chipping and restoration works.
17110	<b>VHF communication equipment</b>	item	The rate shall include delivery, installation and testing, to be approved by the Project Manager. Rates also include all necessary wiring, mounting brackets and all other items.
17210	<b>Voice switch control system</b>	item	The rate shall include delivery, installation and testing, to be approved by the Project Manager. Rates also include all necessary wiring, mounting brackets and all other items.
17510	<b>Air traffic control consoles</b>	no.	Enumerated per unit. Rates include delivery and installation. Rates also include all necessary wiring, mounting brackets and all other items.
17512	<b>Intercom system</b>	item	The rate shall include delivery, installation and testing, to be approved by the Project Manager. Rates also include all necessary wiring, mounting brackets and all other items.
17513	<b>Master clock system</b>	item	The rate shall include delivery, installation and testing, to be approved by the Project Manager. Rates also include all necessary wiring, mounting brackets and all other items.
17720	<b>Crash alarm system</b>	item	The rate shall include delivery, installation and testing, to be approved by the Project Manager. Rates also include all necessary wiring, mounting brackets and all other items.
17725	<b>Miscellaneous equipment and systems</b>	no.	The rate shall include delivery, installation and testing, to be approved by the Project Manager. Rates also include all necessary wiring, mounting brackets and all other items.