

C.5 SPECIFICATION(S)

5.1 BACKGROUND & PURPOSE OF THE TENDER

The purpose of this tender is to procure structured network cabling services and associated components in order to operate the existing network or any further expansion should there be a need to do so. This structured cabling infrastructure mainly supports the City's Local Area Network (LAN), Wi-Fi installations & Data Centre cabling, connecting 22000 online users. Imperatively, this is an adhoc tender (i.e. to be used as and when required by CCT) The sections that follow detail more specifically technical requirements the nature of the environment and what CCT will require.

On appointment, and subject to operational requirements, the contractor must deliver the required goods or services, whereby the order will always be placed with the main contractor, and if the main contractor is not able to deliver the items as specified within the timeframes given as per purchase order, the purchase order will be cancelled and placed with the alternative contractor. This is an Adhoc (as and when required) tender and CCT intends to use it for this purpose.

If the contractor is offering/proposing equivalent products, all equivalent products must be able to integrate into the existing solution seamlessly and with no disruption to the working environment. All associated costs related to equivalent products must be clearly stated in the contractor's offer. No additional costs will be considered and accepted at contract implementation stage. Equivalent products/solutions should not void existing install base warranty. All ambiguity must be clearly explained as part of the equivalent product/solution. This additional information must be provided with your tender submission. The service provider/contractor must fully explain equivalent solutions and state all assumptions upfront. It must be noted that any assumptions that are deemed by CCT as not fit for purpose may render the equivalent solution as non-responsive.

5.2 DEFINITIONS

Network Cabling Technician	A certification in Data Network Cabling
Network Cabling Installer	A certification in Data Network Cabling
Project manager	Project Management Professional (PMP) with Project Management Certification.
Network Cabling Team Leader	A certification in Data Network Cabling
Data Centre Cabling Specialist	Data Center Cabling Professional with certification in Telecommunications Cabling Distribution Systems
Installation Electrician	Qualified electrician with a Wireman's License Registered electrical Contracting Board of South Africa (E.C.B)
Electrical Installer	N4 / supporting of Qualified electrician with a Wireman's License Registered electrical Contracting Board of South Africa (E.C.B)
Electrical Team Leader	Qualified electrician with a Wireman's License – with Project Management experience Registered electrical Contracting Board of South Africa (E.C.B)
Electrical Services Engineer (Specialist)	Minimum formal Qualification "Bachelor of Engineering (BEng) in Electrical Engineering (minimum requirement) with relevant experience