

SPECIFICATIONS FOR THE REPLACEMENT OF A FAULTY AIR-CONDITIONER IN THE NRE (SCW) DATA CENTER

INTRODUCTION:

To supply and install one (1) hide away type air-conditioner in the data center at NRE (SCW), Arcadia campus.


PLEASE NOTE:

1. Service provider must be a registered air-conditioner / refrigeration provider.
2. Service provider must use its own technical staff who are registered to install and service air-conditioners with a capacity of at least 60 000 BTU.
3. Service provider must use its own **qualified and certified electrician** for the electrical connection of the air-conditioner.
4. Proof of qualification of technical and electrical staff is advised.
5. The installation must comply with health and safety regulations.

SPECIFICATIONS:

PLEASE NOTE: Suppliers *are required* to complete *all the items in Table 1 - Table of Compliance and Details to offer* i.e. information should be provided in every column for all line items detailing compliance, details to offer and costs. Any columns left empty will constitute an incomplete and non-compliant quotation/bid.

*Table 1. Table of Compliance and Details to Offer: **Mandatory specifications***

Feature/Specification		Comply (Y/N)	Details to offer
1.	Remove existing, faulty hide away type air-conditioner inside the data center.		
2.	Remove existing, faulty split air-conditioner outdoor unit outside the data center.		
3.	<p>Supply and install one (1) 60 000 BTU under-ceiling inverter ducted split (hide away) air-conditioner (Energy Saving)</p>  <p>(The unit will be used as a standby unit and must be the same as the primary unit).</p>		

4.	Outdoor unit must be installed where faulty outdoor unit has been removed.		
5.	Connect new unit to existing temperature control system inside the data center.		
6.	Test automatic start-up of unit when main unit fails at 25°C.		
7.	Test automatic shutdown of unit when main unit is operating again.		
8	Product Guarantee: Product used must be guaranteed for three (3) years		
9.	A comprehensive site inspection together with ICT and Facility Management is compulsory for an accurate evaluation of the required services.		