

PRICING SCHEDULE/BILL OF QUANTITIES

NAME OF BIDDER / SUPPLIER.....

Bidders shall:

- a) Bidders shall quote rates that **include** the cost of all labour, equipment, materials and consumables required to execute the service.
- b) Bidders shall quote total bid price that **includes** value added tax;

ITEM	UOM	QTY	Price(Excl. VAT)	TOTAL PRICE(Excl.VAT)
5.3.1 PRELIMANRIES & GENERAL				
5.3.1.1 Professional Services: Supplier to obtain certified engineer for the installation certification, approval and “as built drawings” at extended section as specified elsewhere. Note 1: SAPO will provide basic building layouts post compulsory briefing session and site inspection. Note 2: Engineer must be a member in good standing with Engineering Council of South Africa (ECSA) Not a candidate.	Sum	1	R	R
5.3.1.2 Site establishment and Sundry as per these specification.	Sum	1	R	R

ITEM	UOM	QTY	Price(Excl. VAT)	TOTAL PRICE(Excl.VAT)
Note: Duct cleaning, Finance & Risk Management area installation shall be after hours and/ or weekends				
<p>5.3.1.3 Scaffolding: Supply, operate and manage temporary mobile scaffolding with suitable mobility for the extension of ventilation to specified double volume area (Finance & Risk Management area, as will be shown on site) for the duration of the installation.</p> <p>Note: Scaffolding must comply the OHS Act. & regulation. The scaffolding must bear a 'safe to use' sign.</p>	No	1	R	R
<p>5.3.1.4 Rigging: Rig all redundant (out of site & cart away) and rig in new equipment on to site at roof LVL.</p> <p>Note: It is the supplier's responsibility to comply with Tshwane municipal by-laws during rigging and road lane closures where applicable. SAPO will not take responsibility for non-compliance penalties.</p>	Sum	1	R	R
<p>5.3.1.5 Contractor must provide a safety file all in accordance to the Occupational Health and</p>	Sum	1	R	R

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Safety Act, 1993(Act No 85 of 1993) Construction Regulations 2014 (As Amended)				
5.3.2 HVAC INSTALLATION				
5.3.2.1 Removal Remove and cart away from site, obsolete DUNHAM-BUSH packaged unit complete. Make good on roof slab to receive new as detailed below.	No	9	R	R
5.3.2.2 Ground Floor South Wing Unit Replace existing redundant Dunham Bush unit, with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC situated at roof LVL supplying Grd flr South Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).	Sum	1	R	R
5.3.2.3 Ground Floor North Wing Unit Replace existing redundant Dunham Bush unit, with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC				

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situated at roof LVL supplying Grd flr North Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).	Sum	1	R	R
5.3.2.4 Ground Floor East Unit Replace existing redundant Dunham Bush unit, with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC situated at roof LVL supplying Grd flr East Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).	Sum	1	R	R
5.3.2.5 First Floor South Unit Replace existing redundant Dunham Bush unit with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC situated at roof LVL supplying First flr South Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting	Sum	1	R	R

ITEM	UOM	QTY	Price(Excl. VAT)	TOTAL PRICE(Excl.VAT)
infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).				
<p>5.3.2.6 First Floor North Unit</p> Replace existing redundant Dunham Bush unit, with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC situated at roof LVL supplying First flr North Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).	Sum	1	R	R
<p>5.3.2.7 First Floor East Unit</p> Replace existing redundant Dunham Bush unit, with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC situated at roof LVL supplying First flr East Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting	Sum	1	R	R

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infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).				
5.3.2.8 Second Floor South Unit Replace existing redundant Dunham Bush unit, with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC situated at roof LVL supplying South flr Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).	Sum	1	R	R
5.3.2.9 Second Floor North Unit Replace existing redundant Dunham Bush unit, with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC situated at roof LVL supplying Second flr North Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).	Sum	1	R	R
5.3.2.10 Second Floor East Unit				

ITEM	UOM	QTY	Price(Excl. VAT)	TOTAL PRICE(Excl.VAT)
Replace existing redundant Dunham Bush unit, with new current technology or similar in brand, equivalent or better in capacity and performance: Replace with an Inverter packaged HVAC situated at roof LVL supplying Grd flr East Wing, a completely installed new unit with heating and cooling. Included must be all electrical DB wiring connections using existing cableways, ducting infrastructure & issue applicable CoCs; Warrantees (i.e. minimum of 12 months).	Sum	1	R	R
<p>5.3.2.11 Risk Management & Finance Section</p> <p>Supply and install ducted Hide Away split units, complete and suspended from roof beams. Covering an area of 650m² with double volume height of 11m open plan with skylight.</p> <p><i>Note: It is the supplier's responsibility to calculate number of units and capacity (BTU) as per information provided above.</i></p>	Sum	1	R	R
<p>5.3.2.12 Ground; Second and Third Floor:</p> <p>Commercial duct cleaning, sanitizing and disinfecting of central packaged unit to eliminate dirt, dust & debris by means of air duct fogging or similar non water moisture based and environmentally safe proven method. <i>Note: Allow for closing and covering up of supply air vents &</i></p>	Sum	3	R	R

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<i>return grills with paper based towels/ micro particles catching material. Reopening of vents on completion.</i>				
5.3.2.13 BMS Replace redundant Building Management System with an electronic digital BMS capable for plant monitoring and temperature area control, On/Off timed programmability. The system must be capable of future additional features (E.g. remote control of the system)	Sum	1	R	R
5.2.2.14 Service Maintenance Service and maintain newly installed units, all in accordance to the manufacture's specifications and recommendations, for a period of 36 months/ 3 years. 1. Diffuser & Ducts <ul style="list-style-type: none"> • Clean and check diffusers and adjust temperatures in accordance to regulation for different seasons. Frequency: Monthly • Adjust diffusers to allow for consistent air-flow. Frequency: Quarterly • Inspect ducts for dust and mould. Frequency: Quarterly 	Sum	1	R	R

ITEM	UOM	QTY	Price(Excl. VAT)	TOTAL PRICE(Excl.VAT)
2. Return Air grills <ul style="list-style-type: none"> • Clean return air grills. Frequency: Quarterly • Ensure proper air flow. Frequency: Monthly 3. Electrical <ul style="list-style-type: none"> • Check Voltage Current • Check connections and loose electrical cabling. Frequency: Monthly 4. Refrigerant/ Gas <ul style="list-style-type: none"> • Pressure test for gas and leaks • Report on refill required Frequency: Monthly 5. BMS <ul style="list-style-type: none"> • Test BMS. Frequency: Quarterly 				
Total Price (Excl. VAT)				R
Total Price (Inclusive of 15% VAT)				R
Total Amount In Words:				

The bidder warrants that the pricing quoted above is free of any errors and omissions and that he/she is able to deliver the service on the price Quoted.

SIGNATURE :

NAME OF DELEGATED SIGNATORY:

(PRINT) in his capacity of

DESIGNATION OF SIGNATORY :

(PRINT) who warrants his authority to sign on behalf of

NAME OF BIDDER (COMPANY) :