

CLIENT: FREEDOM PARK		Tender No: --	
PROJECT: DESIGN REVIEW, CONSTRUCTION MONITORING AND CLOSE OUT FOR THE DESIGN, SUPPLY, AND			
INSTALLATION OF THE AIR CONDITIONING SYSTEM AT THE FREEDOM PARK ADMIN BUILDING			
CONTRACT: MECHANICAL SERVICES - HVAC			
Item No.	Description	Unit	Amount
A	Additional P & G in accordance with the Standard and Detailed specification		
	AGREEMENT AND SCHEDULE OF BUILDING CONTRACT		
	Tenderers shall allow for all the clauses as referred to in the "Standard Main Contract Preliminaries" as contained in the Conditions of Contract(copy included in Part A attached here-to). The Tenderer shall, in addition, allow for whatever cost he may		
A1	<u>FIXED CHARGE ITEMS</u>		
A1.1	Contractual requirements	Sum	
A2	<u>Establishment of Facilities on the site</u>		
A2.1	Site Establishment	Sum	
A3	<u>Facilities for Engineer</u>		
A3.1	Offices, furnished rooms with telephone and name boards	Sum	
A3.2	Carports for Resident Engineer	Sum	
A4	<u>Facilities for Contractor</u>		
A4.1	Facilities for contractor	Sum	
A4.2	Site Offices and storage sheds	Sum	
A4.3	Allow for Storage of material on site	Sum	
A4.4	Ablution and Latrine facilities for contractor	Sum	
A4.5	Tools and Equipement and Plant on site	Sum	
A4.6	Allow for Electrical Power during site Construction	Sum	
A4.7	Allow for Water Suppliers during construction	Sum	
A4.8	Allow for comminication and access related issues to site	Sum	
A4.9	Allow for attendance to site meetings	Sum	
A4.10	Other fixed charge Obligation	Sum	
A4.11	Removal of Site Establishment	Sum	
A4.12	Allow provisions for scaffolding were necessary	Sum	
A4.13	Allow provisions for a crane for the installation of outdoor units on 3rd Floor Roof	Sum	
	Preliminaries and Generals Carried Forward		

	Preliminaries and Generals Brought Forward		
	PROVISIONAL SUMS FOR:		
A5	Additional control testing ordered by the Engineer to be executed by the contractor.	Sum	
A6	Temporary Works	Sum	
A7	Main Access to road from/to works	Sum	
A8	Traffic Management	Sum	
A9	Supply or hire of specialist for thickness tests on existing duct work	Sum	
A10	COST OF SURVEY		
A10.1	Trigonometrical survey and pegging - Locate and record	Sum	
A11	OCCUPATIONAL HEALTH AND SAFETY		
	Without limiting the generality of the provision of Contract, the Contractor's attention is drawn to the provision of the Construction Regulation, 2003 (as amended), issued in terms of the Occupational Health and safety Act, 1993, in which it is specifically stated that the Employer shall prepare a documented health and safety specification for the works(refer to part 3:Scope of work - C3.4: Occupational Health and Safety Specification) and that the employer shall ensure that the Contractor has made provision for the cost of health and safety measures during the execution of works. The Contractor shall price opposite this item for compliance with the Act and the regulation and provisions of the aforementioned Health and Safety specification	SUM	
A12	Supply programme with bar chart	Item	
A13	Compliance with heritage regulations	SUM	
A14	Compliance with environment regulation	SUM	
A15	Prepare and deliver 3 copies of Safety File including covid compliance	SUM	
A16	Contractor to inform Department of Labour Before constrction commence	SUM	
A17	Allow for covid compliance, sanitizers and sanitizing stations on site.	SUM	
A18	CONTARCT DRAWINGS		
A18.1	The drawing issued with the tender document do not comprise the complete set but serves as guide only for tendering purposes and for indicting the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed Should any part of the drawing not be clearly intelligable to the tender he shall, before submitting his tender obtaining clarification in writing from the Engineer	Item	
	Preliminaries and Generals Carried Forward		

	Preliminaries and Generals Brought Forward		
A18.2	Preparation and submission of shopfloor drawings for approval by the engineer	SUM	
A18.3	Preparation of as built drawings 3 (A0 copies) and soft copy on flashdrive	SUM	
A18.4	Submit to engineer specifications from supplier before procurement	SUM	
A18.5	Supply and Install maintenance manuals after completion	SUM	
A18.6	Supply and Install maintenance manuals after completion	SUM	
A18.7	Issue Certificate of Compliance from a registered person by Sarracca	SUM	
A18.8	Allow for testing and Commissioning of the system per floor in the presence of engineers and end user	SUM	
A18.9	Allow for testing and Commissioning of the entire system in the presence of engineer or engineer's representative and contractor	SUM	
A18.10	Carry out onsite measurements for shopfloor drawings and installation	SUM	
A18.11	Compliance with labour management regulations	SUM	
A18.12	Allow for Housekeeping during construction and provision of a safety officer	SUM	
A18.13	Allow for site diary, site instruction book and all relevant documentation as per contract.	SUM	
A19	COLOUR CODED SAFETY CLOTHING		
	The contractor shall provide all employees on site with brightly coloured, clearly visible protective clothing for use at all times on site. All personnel belonging to any one contractor shall wear the same colour protective clothing on site.	Item	
A20	WORKING HOURS		
	All work shall be carried out from 08.00 hours to 1700 hrs on Weekdays and from 08.00 hours to 1500hrs on Saturday. Work outside of these times shall be undertaken only with express written authorisation of the Agent. No work shall be scheduled for nor undertaken on Sundays and Statutory public holiday.	Item	
A21	IDENTIFICATION CARDS/BADGES		
	Provision shall be made for all employees on site to wear and clearly display identification cards or badges issued specifically for the project which shall prominently display a passport size colour photograph of the employee, ID number, Name of Employer and such information as shall be prescribed by the engineer. The contractor shall allow for the cost of providing these identification cards/badges in his tender	Item	
A22	RESIDENT ENGINEER ON SITE		
	Allow for a resident engineer on site for the whole contract period. The engineer shall have experience not less than 3 years experience and should be registered with ECSA as a Candidate/Professional. Rate shall be Twenty thousand per month. Contract period of 3 Months	Sum	
	Preliminaries and Generals Carried Forward		

	Preliminaries and Generals Brought Forward		
A23	ELECTRICIANS ON SITE		
	Contractor to have an Electrician to attend all electrical works for the contract period	Sum	
A24	GUARANTEE		
	Provide a 12 month Gaurantee period from the period of Final Handover of the project for the installation carried out. Installations should conform to SABS standards or/and British Standards whichever the Mechanical Engineer has approved. The Engineer shall require SABS certificates for all material supplied and installed and the Contractor shall liase with the manufacure and make sure such certificates are supplied to the engineer. The Cerificates shall indicate the relevant tests done by the Manufacturer.	Sum	
A25	12 MONTH PREVENTATIVE MAINTANANCE		
	The Contractor shall supply reconmeded maintainace control plans from the manufacture and shall carry out the maintainance for a period of 12 months starting from the day of final handover to the client.	Sum	
A26	OTHER		
	Any other items that the contractor wishes to add. Items schedule to be attached.	Item	
A	Total carried to A Summary Page		

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DESIGN, SUPPLY, AND INSTALLATION OF THE AIR CONDITIONING SYSTEM
AT THE FREEDOM PARK ADMIN BUILDING
CONTRACT: MECHANICAL SERVICES - HVAC

Item No.	Description	Unit	Qty	Rate	Amount
B	HVAC SERVICE				
	MECHANICAL WORK				
	SUPPLEMENTARY PREAMBLES				
	Specifications, drawings, etc.				
	Tenderers are referred to the specification and drawings numbered accompanying these bills of quantities for the mechanical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specification and drawings				
	Ductwork				
	Descriptions of ducts shall be deemed to include stiffeners, jointing materials, sealants, couplers in the running length and access/inspection panels in accordance with the specification				
	Dampers				
	Descriptions of smoke and fire dampers shall be deemed to include fusible links, sleeves, frames, supports and access openings in ducts				
	Air diffusion				
	Descriptions of air terminals, grilles, louvres and the like shall be deemed to include necks, frames, supports and flexible connections				
	Fans				
	Descriptions of fan assemblies shall be deemed to include supports from the structure, flexible or other connections to ductwork, vibration isolation mountings and airtight inspection doors				
	Sound attenuators				
	Descriptions of sound attenuators shall be deemed to include flanged or flexible connections to ducts and supports from the structure				
	Fan coil units, fan air terminals and fan heaters				
	Descriptions of fan coil units, fan air terminals and fan heaters shall be deemed to include connection points for water, air and electrical supply, for air grilles, dust trays, condensate trays and vibration isolation mountings. Flexible ducts, flexible hose and connecting cables for connecting these units to each other or to water pipe, and electrical supply are separately measured				
	BALANCE BROUGHT DOWN				

	BALANCE BROUGHT FORWARD				
	Major equipment				
	Descriptions of major equipment such as VRV units, air handling units and the like shall be deemed to include connections to water, air and electrical supply and/or discharge points, supports, bearers, vibration insulation mountings, filters, insulation, inspection ladders and gangways, access doors and panels and painting etc. as specified				
	Piping				
	Pipe diameters are nominal internal unless otherwise stated				
	Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch diameter is given. Should the D&B wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all diameters are given and no claim for extra bushes, reducers, etc. will be entertained				
	Fixing of pipes				
	Unless otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc., casting in, building in or suspending not exceeding 1m below suspension level				
	Insulation				
	Descriptions of insulation shall be deemed to include priming the pipes with zinc chromate primer before the insulation is applied, painting the insulation when completed and applying vapour barrier where specified				
	Air Conditioning Units				
	Note: Supply And Install New Outdoor And Indoor Units. Heat Recovery Range Complete with Heat Pump Function, Mounting Ancillaries, Refrigerant Charge, Hard Wired, Condensate Piping and Interconnecting Power Cables Completely as Specified and Suspended from the Slab or Steel Structure. Supports to Include all Galvanised Hangers Brackets, Suitable Sized Threaded Rods, Raw bolts/Clamps to Carry the Weight of the Indoor and Outdoor Units as per Manufactures Specification. Suppliers: Mitsubishi, Dunham Bush, Carrier, York, Daiken or equivalent.				
	Design, manufacture, works testing, supply and deliver to site, moving into position, erection, connecting up, site testing, witness testing, providing to insurance inspectors, demonstrating to the Employer, commissioning and maintenance of the complete mechanical systems and equipment as shown on the drawings.				
	VRV AIR CONDITIONING SYSTEM				
	Design, manufacture, works testing, supply and deliver to site, moving into position, erection, connecting up, site testing, witness testing, proving to insurance inspectors, demonstrating to the Employer, commissioning and maintenance of the complete mechanical systems and equipment as shown on the drawings and datasheets.				
	BALANCE BROUGHT DOWN				

[illegible]

	BALANCE BROUGHT FORWARD				
B5	REFRIGERANT SUPPLY PIPE (R410A GAS)				
1	Diameter 15mm copper	m	175		
2	Diameter 19mm copper pipe	m	150		
3	Diameter 22mm copper pipe	m	210		
4	Diameter 28mm copper pipe	m	196		
5	Diameter 35mm copper pipe	m	170		
6	Diameter 43mm copper pipe	m	230		
7	Y branch pipe for connection of outdoor units	Lot	4		
8	Y branch pipe for connection of indoor units	Lot	4		
B6	REFRIGERANT PIPE INSULATION				
1	Diameter 15mm copper	m	175		
2	Diameter 19mm copper pipe	m	150		
3	Diameter 22mm copper pipe	m	210		
4	Diameter 28mm copper pipe	m	196		
5	Diameter 35mm copper pipe	m	170		
6	Diameter 43mm copper pipe	m	230		
7	25mm PVC pipe for drainage	m	380		
8	Supply and Install HVAC Drain Pumps	No.	90		
B7	AIR CONDITIONING DUCTS AND ACCESSORIES INSULATED WITH FIBRE GLASS				
	Allow for ductwork as shown in the drawings				
	<u>Supply Air Ducts</u>				
1	150mm Dia GMS duct	m	168		
2	100mm Dia GMS duct	m	95		
3	200mm Dia GMS duct	m	75		
4	300mm Dia GMS duct	m	35		
5	350mm Dia GMS duct	m	40		
6	250mm Dia GMS duct	m	65		
7	100*200 GMS duct	m	75		
8	150*200 GMS duct	m	75		
9	200*250 GMS duct	m	60		
	BALANCE BROUGHT DOWN				

	BALANCE BROUGHT FORWARD				
10	275*250 GMS duct	m	120		
11	350*250 GMS duct	m	55		
12	225*250 GMS duct	m	28		
13	450*250 GMS duct	m	40		
14	525*250 GMS duct	m	45		
15	250*250 GMS duct	m	50		
16	175*250 GMS duct	m	60		
17	775*250 GMS duct	m	15		
18	600*475 GMS duct	m	5		
19	450*400 GMS duct	m	10		
20	500*300 GMS duct (Insulated)	m	10		
21	500*250 GMS duct (Insulated)	m	45		
22	300*250 GMS duct (Insulated)	m	35		
23	450*300 GMS duct (Insulated)	m	30		
24	300*300 GMS duct (Insulated)	m	20		
25	400*250 GMS duct (Insulated)	m	5		
26	175*250 GMS duct (Insulated)	m	5		
27	700*250 GMS duct	m	15		
28	600*800 GMS duct	m	5		
29	575*250 GMS duct	m	15		
30	600*250 GMS duct	m	15		
	<u>Flexible Round Duct</u>				
31	ø350mm Flexible Round duct.	m	40		
32	ø200mm Flexible Round duct.	m	90		
33	ø150mm Flexible Round duct.	m	190		
34	ø300mm Flexible Round duct.	m	50		
	<u>Accessories (Insulated)</u>				
	<u>DUCT REDUCERS</u>				
35	From 200x250mm to 275x250mm	no	4		
36	From 275x250mm to 450x250mm	no	4		
37	From 450x250mm to 525x250mm	no	4		
	BALANCE BROUGHT DOWN				

	BALANCE BROUGHT FORWARD				
38	From 525x250mm to 575x250mm	no	4		
39	From 250x250mm to 175x250mm	no	4		
40	From 150x250mm to 175x250mm	no	4		
41	From 600x475mm to 775x250mm	no	4		
42	From 600x300mm to 500x300mm	no	4		
43	From 500x300mm to 450x300mm	no	4		
44	From 300x300mm to 450x300mm	no	4		
	FAN DUCT CONNECTORS				
45	ø310mm x 1,5 m long duct	No.	8		
	T-PIECES				
46	200 x 250mm, 150dia., 200 x 250mm Duct	No.	15		
47	275 x 250mm, 150dia., 275 x 250mm Duct	No.	18		
48	450 x 250mm, 150dia., 450 x 250mm Duct	No.	18		
49	450 x 250mm, 250dia., 450 x 250mm Duct	No.	15		
50	525 x 250mm, 150dia., 525 x 250mm Duct	No.	14		
51	575 x 250mm, 150dia., 575 x 250mm Duct	No.	12		
52	250 x 250mm, 150dia., 250 x 250mm Duct	No.	50		
	ELBOWS				
53	150mm Dia GMS duct	No.	4		
54	100mm Dia GMS duct	No.	4		
55	200mm Dia GMS duct	No.	4		
56	300mm Dia GMS duct	No.	3		
57	350mm Dia GMS duct	No.	7		
58	150*200 GMS duct	No.	7		
59	200*250 GMS duct	No.	7		
60	275*250 GMS duct	No.	7		
61	450*250 GMS duct	No.	8		
62	525*250 GMS duct	No.	9		
63	250*250 GMS duct	No.	4		
64	175*250 GMS duct	No.	4		
65	775*250 GMS duct	No.	2		
	BALANCE BROUGHT DOWN				

	BALANCE BROUGHT FORWARD				
66	600*475 GMS duct	No.	4		
67	450*400 GMS duct	No.	3		
68	700*250 GMS duct	No.	2		
69	575*250 GMS duct	No.	2		
70	500*300 GMS duct (Insulated)	No.	4		
71	450*300 GMS duct (Insulated)	No.	4		
72	300*300 GMS duct (Insulated)	No.	4		
B8	EXTRACTOR FANS				
1	Ablution Extraction disc Fan 50 L/s (EA01)	No.	15		
2	Wall Mounted toilet extarction fan Sensor	No.	15		
B9	AIR TERMINALS				
1	Spigot of diameter 250mm	No.	45		
2	Spigot of diameter 200mm	No.	45		
3	Spigot of diameter 150mm	No.	110		
	<u>Supply and Install ceiling diffuser including spigots</u>				
4	Ducted 300mm Constant Air Volume Diffuser Unit 595X595 with 25mm thick acoustic insulation 249L/s (CV01)	No	6		
5	Ducted 250mm Constant Air Volume Air Diffuser Unit 595x595 with 25mm thick acoustic insulation 145L/s (CV01)	No.	3		
6	Ducted 175mm Constant Air Volume Air Diffuser Unit 595x595 with 25mm thick acoustic insulation	No.	2		
7	Ducted 150mm Constant Air Volume Air Diffuser Unit 595x595 with 25mm thick acoustic insulation	No.	10		
8	Ducted 200mm Linear Constant Air Volume Air Side Air Grille 1195x595 at 996L/s	No.	6		
9	Supply and Install 300x400 Aluminium Door Grilles	No.	17		
10	Supply and Install 200mm Dia. Disc Valves (DV01)	No.	19		
11	Supply and install 250mm Dia. Damper (BD01)	No.	8		
12	Supply and install 150mm Dia. Damper (BD02)	No.	34		
13	Supply and install 100mm Dia. Damper (BD03)	No.	12		
14	Supply and Install 150mm Dia. Disc Valves (DV02)	No.	3		
15	Supply and Install Non Return Damper 900x400	No.	1		
16	Supply and Install 600 x 400 Motor Actuator	No.	5		
17	Supply and Install 1195x595 Relief Air Grilles	No.	6		
	BALANCE BROUGHT DOWN				

	BALANCE BROUGHT FORWARD				
B10	PRESSURE CONTROL DAMPERS & ACCESSORIES				
1	Pressure sensor : 140 Pa for Fresh Air supply duct Damper c/w rotary actuator : 775 x 250mm for Fresh Air supply duct	No.	1		
2	Pressure sensor : 140 Pa for Fresh Air supply duct Damper c/w rotary actuator : 700 x 250mm for Fresh Air supply duct	No.	1		
3	Pressure sensor : 140 Pa for Fresh Air supply duct Damper c/w rotary actuator : 600 x 250mm for Fresh Air supply duct	No.	1		
4	Pressure sensor : 140 Pa for Fresh Air supply duct Damper c/w rotary actuator : 575 x 250mm for Fresh Air supply duct	No.	1		
B11	Note: Supply and Install Return Air Plenum Complete with Support Hangers, Flexible, Filters and Duct Plenum Connection to Indoor Unit, Suspended from the Slab or Steel Structure. Supports to Include all Galvanised Hanger Brackets, 10 mm Threaded Rod, Raw bolts/Clamps, etc.				
1	Return Air Grill, White, 1195 x 595, Aluminium, with blades and plenum box 996L/S c/w 300dia.	No	5		
2	Return Air Grill, White, 595 x 595, Aluminium, with blades and plenum box 996L/S c/w 300dia.	No	1		
3	Return Air Grill, White, 595 x 595, Aluminium, with blades and plenum box 996L/S c/w 250dia.	No	1		
4	Return Air Grill, White, 595 x 595, Aluminium, with blades and plenum box 996L/S c/w 200dia.	No	1		
B12	Note: Supply and Install Fresh Air Fan System as Specified in the Drawing, Suspended from Slab or Steel Structure. Supports to Include all Galvanised Hanger Brackets, 10 mm Threaded Rod, Raw bolts/Clamps, etc.				
	Fans, Fresh Air System				
1	Fan, Inline, Ø600, Complete With Sound Attenuator Rated NC 3650 L/S and all necessary fittings and accessories for a complete installation. Fan shall be vandal proof and mounted on the roof. The Supply air fan shall be VSD controlled and linked to the carbon dioxide sensors for the building	No	1		
2	Supply and install sound attenuators to match the fresh air fan	No	2		
3	Weather Louvre, 1200x1200, Natural Anodised Aluminium, with Vermin Proof Mesh c/w 800x600 10m duct on the roof top	No	1		
4	Weather Louvre, 2600x400, Steel blade mesh, with Vermin Proof Mesh.	No	2		
5	Weather Louvre, 430x430, Steel blade mesh, with Vermin Proof Mesh.	No	1		
6	Weather Louvre, 900x900, Steel blade mesh, with Vermin Proof Mesh.	No	1		
B13	HEAT RECOVERY BOXES				
1	Heat recovery 6 Port Box (BIC)	No	18		
2	Heat recovery 4 Port Box (BIC)	No	31		
	BALANCE BROUGHT DOWN				

	BALANCE BROUGHT FORWARD				
3	Smart touch controller: All controllers shall be wired and shall be digital	No	94		
B14	FIRE DAMPERS				
1	775 x 250 mm c/w frame and made of steel with a fuseable link	No	1		
2	700 x 250 mm c/w frame and made of steel with a fuseable link	No	1		
3	575 x 250 mm c/w frame and made of steel with a fuseable link	No	1		
4	600 x 250 mm c/w frame and made of steel with a fuseable link	No.	1		
B15	EXTRACTION FAN				
	Supply and Install Inline Extraction fan complete with all accessories to make a complete installation including hangers and supports				
1	Inline fan complete with all controls and timers. 1650L/s Extraction Fan should be VSD controlled.	Item	1		
2	Supply and Install 110L ceiling Fan (FC1)	No.	4		
3	Supply and Install 160L axial fan	No.	3		
4	Supply and Install 400L axial fan 315dia.	No.	3		
5	Supply and Install 300mm Dia. Sound Attenuators	No.	2		
6	Supply and install sound attenuators to match the extraction fan on the roof	No	2		
7	Weather Louvre, 1200x1200, Natural Anodised Aluminium, with Vermin Proof Mesh c/w 600x400 10m duct on the roof top	No	1		
B16	ELECTRICAL WORK				
1	Electrical installation & wiring etc, complete for VRV indoor and outdoor air conditioning units including local starter/isolator switch Including all trunking and wiring channels also for the mechanical equipment	Item	1		
2	Supply and Install Isolators for iextraction fans in Kitchens 15A	No.	10		
3	Supply and install electric cables and conduits for wired controllers	Sum	4		
4	Supply and Install electric cables for all the HVAC indoor and out door units	Sum	4		
5	Upgrading of the HVAC distribution board to match the new system	Item	1		
B17	CABLE TRAY AND SUPPORTS				
1	Supply and Install Cable tray, approximately sized to support refrigerant pipes, inter connecting power cables and control cables, suspended from slab or steel structure. Supporters to include all galvanised hanger brackets, 10mm threaded rod, raw bolts/clamps, etc.	m	380		
B18	BUILDERS WORK				
1	Allow for chasings of walls and making good for wired controllers	Sum	1		
2	Allow for making good of ceiling, walls and painting of all areas	Sum	1		
	BALANCE BROUGHT DOWN				

	BALANCE BROUGHT FORWARD				
B19	CONTROLS				
1	Allow for the control system intergrating the HVAC system control system including the ofresh air fans and extraction fans	Item	1		
2	Allow for intergration and linking the HVAC system to the existing fire system and passenger lifts	Item	1		
B19	DECOMISSION EXISTING HVAC SYSTEM				
2	Decommission existing HVAC system and remove from site as directed by the Client	set	1		
B20	PROJECT ENGINEERING AND QUALITY MANAGEMENT				
1	Sectional Second Floor,Testing, balancing, commissioning and handover of air conditioning units and fans including compilation of submitted to the Engineer for approval.				
2	Operation and Maintenance Instruction Manuals	set	4		
3	User Training	Item	1		
4	Sets of "as built' drawings "including 1 cd"	No.	6		
5	12 Months free maintenance	item	1		
6	Issuing of COC by a registered personal	Item	1		
7	Provision of a maintenance control plan	Item	1		
B21	TEST & COMMISSION				
1	Test and Commission the Entire Air conditioning system	Item	1		
2	Ditto but in the presence of and to the entire satisfaction of the Consulting Engineer.	Item	1		
B	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

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Item No.	Description	AMOUNT
	<u>FINAL SUMMARY PAGE</u>	
	<u>PRELIMINARIES AND GENERAL CONDITIONS OF THE CONTRACT</u>	
A	TOTAL BROUGHT FORWARD FROM Ps and Gs	
	<u>MAIN BUILDING MECHANICAL SERVICES INSTALLATION</u>	
B	TOTAL BROUGHT FORWARD FROM HVAC	
	SUB TOTAL	
	ADD 10 % CONTIGENCIES	
	SUB TOTAL (EXCL VAT)	
	ADD 15% VAT	
	TOTAL TENDER VALUE OFFERED	