

REPUBLIC OF KENYA



KISII COUNTY GOVERNMENT



ARAB BANK FOR ECONOMIC  
DEVELOPMENT IN AFRICA



SAUDI FUND FOR  
DEVELOPMENT



**MINISTRY OF HEALTH**  
**TENDER DOCUMENT FOR**  
**PROPOSED CANCER CENTRE AT**  
**THE KISII TEACHING AND REFERRAL HOSPITAL**

**Mechanical Works**  
**(AIR CONDITIONING AND MECHANICAL VENTILATION**  
**INSTALLATIONS)**  
**FORM OF TENDER**  
**BILLS OF QUANTITIES**

**REF: No. MOH/NCCP/ICB/001/2021-2022**

**Volume III (2 of 5) (b) of VI**

**CLOSING DATE: WEDESDAY, 24<sup>TH</sup> NOVEMBER 2021 AT 11.00 A.M. LOCAL TIME**

SCHON ASSOCIATES



NARCO ENGINEERING  
CONSULTANTS



**PROPOSED KISII CANCER CENTER – AT KISII COUNTY**  
**TECHNICAL SPECIFICATION AND BILLS OF QUANTITIES**

**FOR**

**AIR-CONDITIONING AND MECHANICAL VENTILATION INSTALLATIONS**

**TABLE OF CONTENTS**

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<b>Description</b>	<b>Page</b>
<b>SECTION 1 - General</b>	
<b>Form of tender</b>	<b>1-5</b>
<b>SECTION 5 - Bills of Quantities</b>	
General Instructions	5-1
Particular Instructions for Pricing of Items in the Bills of Quantities	5-2
Bill of quantities	5-5
Schedule of unit rates	5-15

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FORM OF TENDER

To:

The Principle Secretary  
Ministry of Health  
P O. Box 30016 – 00100  
Nairobi, Kenya

Sirs,

PROPOSED KISII CANCER CENTER – AT KISII COUNTY

**TENDER FOR AIR – CONDITIONING AND MECHANICAL VENTILATION  
INSTALLATIONS**

1.01 Having visited the site and examined the tender documents for the execution for the above works  
I/We

.....

(Names) under and subject to the Conditions of Tendering annexed hereto, hereby tender and offer to execute and perform the works and provisions and supply all labour and materials and everything of every kind respectively named, shown, described and alluded to in, or to be inferred from the Kenya Association of Building and Civil Engineering Contractors (K.A.B.C.E.C.) Form of Sub-Contract Agreement, the General Conditions of Sub-Contract, Specification and Bills of Quantities, Drawings and conditions of contract to be executed and supplied on the part of the Sub-Contractor, for the Works above described for the Sum of:-

Fixed /Non Fluctuating Price Tender (Adjusted fluctuating price to allow for future price changes).  
Tender figure inclusive of Provisional sums and Contingencies.

Amount in figures (USD): .....

Amount in words (USD): .....

.....

1.02 I/We agree to phase the sub-contract work in accordance with the building programme to be agreed with the main Contractor at the time of letting the Main and Sub-Contracts.

1.03 I/We further agree to be bound by and submit to the said General Conditions of Sub-Contract and priced Specification and Bills of Quantities which shall form a basis for valuation of interim Certificates and any extra or omitted work which may from time to time be ordered by the Architect.

1.04 We have examined all the documents, which will form part of this contract and have no further questions relating to them.

2.01 I /We submit the name of .....

Address .....

as a Surety who is willing to be bound to the Main Contractor in an amount equal to 10% of the Sub-Contract amount for the due performance for the Sub-Contract up to the date of completion of the Works as certified by you, and who will, when and if called upon, sign a Bond to that effect without

limitations on the same day as the Sub-Contract Agreement is signed, but thereafter, and in the event of the Surety named herein not being approved by you, the undersigned agree(s) to furnish within seven (7) days another Surety to your approval.

3.01 Whereas it is understood that you reserve to yourself the right to accept or to refuse this tender whether it be lower or higher than any other tender, or of the same amount, the undersigned agree(s) that this tender shall remain valid and shall not be withdrawn within One Hundred and Twenty (120) days from the final date for the submission of Tenders stipulated in the Conditions of Tendering.

4.01 And further, the undersigned agree(s), in the event of your acceptance of this tender, to execute the formal Sub-Contract Agreement within seven (7) days from posting, or delivery if by hand, of notification of acceptance.

Signature of Tenderers: .....

Name of Tenderer: .....

Address: .....

Date: .....

Signature of Witness: .....

Name of Witness: .....

Address: .....

Date: .....

NOTE: Tenderers are not required to attach the Surety Undertaking, duly signed by the Surety, to this Form of Tender. However, a performance bond will be executed on being successful before contract signature.

**PART 5:  
BILLS OF QUANTITIES  
KISII CANCER CENTRE - KISII COUNTY, KENYA**

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## 5. BILLS OF QUANTITIES

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### 5.1 General Directions

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(a) The Bills of Quantities are to be read in conjunction with the Conditions of Contract the Specification, the Data Schedules and the Drawings for details of the description, quality tests and strengths of materials to be used and the workmanship, conditions, obligations, liabilities and instructions generally which have to be complied with the carrying out this contract. The cost of complying with all Conditions of Contract, the Specifications, the Data Schedules and the Bills of Quantities including all overhead charges and profit and carrying out of the Works shall be deemed to be spread over and included in the prices and sums in this Bill of Quantities.

(b) Each item which the Tenderer proposes to supply shall be priced by Tenderer the exception of the item for which Provisional Sums have been allowed. The Tenderer shall insert in the appropriate column against each item allocated in US Dollar Shillings (USD.) as required by him and payments shall be made according to this allocation in the event of a contract.

If the Tenderer omits to price any item in the Bills of Quantities then the cost of such items will be held to be spread over and included in the prices given for other items of work.

(c) The Total of Tender shall be carried to the Form of Tender.

The Total of Tender shall include for the design, manufacture, inspection and testing, packing for shipment, insurance, delivery to site, unloading, and all other charges, complete erection, testing, setting to work, finishing, painting, maintenance for a period of six calendar months and the instruction period all to the satisfaction of the Interior Designer and Engineer, of the items of Plant described or implied within the Specification and shown on the Drawings.

(d) Provisional Sums may be expended in part, in whole or totally deleted from the Contract. The tenderer shall take this into consideration when pricing the tender, his claims for loss of profit, etc will be entertained.

(e) These Bills of Quantities have been measured from the Drawings listed, but do not purport to schedule the works in more detail or accuracy than is necessary to obtain a reasonable and comprehensive tender.

The contractor shall nevertheless be deemed to have included in his prices for all labour and all materials, accessories, components, quantities and commissioning to provide complete installation as described in Specification and shown on the Drawings as required by the true meaning and intent hereof. It shall be deemed that the contractor has included for all requirements contained within the Specification, Drawings, Data Schedules and Bills of Quantities.

(f) The Contractor's attention is drawn to the fact that the quantities in these Bills of Quantities are estimated and they are not to be considered as limited considering the work to be done by the Contractor.

- (h) Irrespective of the requirements contained within the East African Standard method of Measurement it shall be deemed that the contractor has included all requirements contained within the Specification, Drawings, Schedules and Bills of Quantities.

## 5.2 Particular Instructions

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1. Abbreviations used herein will be interpreted as follows:-

<b>ABBREVIATION</b>	<b>MEANING</b>
MM or mm	millimetre
LM or m	metre
m <sup>2</sup>	square metre
m <sup>3</sup>	cubic metre
kg	kilogramme
No.	Number / quantity

2. Prices given for supply and installation of pipework and ductwork per linear metre or per square metre shall include the supply, delivery and complete installation, including benchwork, painting, ducts, etc, with mechanical joints, unions, brackets and connection pieces, and all other necessary items to leave the installation in a complete and acceptable working order all as specified herein.
3. Sizes given after the item description under the reference "size" shall be interpreted as having millimetre units, unless otherwise specified.



Item	DESCRIPTION	Unit	QTY	Rate (USD)	Amount (USD)
	<b>AHU TYPE 2 - AHU.01, GROUND, FIRST AND SECOND FLOOR WING A</b> Supply and install a double skinned 100% fresh air handling unit (AHU) complete with a direct expansion (DX) cooler coil unit, utilising low ODP refrigerant and suitable for delivering air with the following characteristics. The AHU to be complete with all the necessary appurtenances such as the air intake, control dampers, insect/bird screen, filter chambers, filters, pressure differential sensors, cooler /heater coil, heat recovery wheel, variable speed fan, pressure sensor and speed controller, duct work connections, access doors, attenuators etc. all suitable for external installation. The heat recovery wheel and AHU to be sourced from the same manufacturing company.				
A	- Air supply and return prefilters: G3; - Air filter: F7 short bag filter; - Air supply flow rate: 3.8 m <sup>3</sup> /s @ 600 Pas - Air return flow rate: 2.3 m <sup>3</sup> /s @ 400 Pas - Cooler / heater Coil Capacity 60 Kw - Noise break out limited to 40dBA	No	1		
	<b>AHU.02, GROUND AND FIRST FLOOR WING B</b> Ditto but with the following; - Air supply and return prefilters: G3; - Air filter: F7 short bag filter; - Air supply flow rate: 3.5 m <sup>3</sup> /s @ 600 Pas - Air return flow rate: 2.5 m <sup>3</sup> /s @ 400 Pas - Cooler / heater Coil Capacity 60 Kw - Noise break out limited to 40dBA	No	1		
	<b>AHU.03, SECOND, THIRD AND FOURTH FLOOR WING B</b> Ditto but with the following; - Air supply and return prefilters: G3; - Air filter: F7 short bag filter; - Air supply flow rate: 4.2 m <sup>3</sup> /s @ 600 Pas - Air return flow rate: 1.0 m <sup>3</sup> /s @ 300 Pas - Cooler / heater Coil Capacity 70 Kw - Noise break out limited to 40dBA	No	1		
	<b>AHU.04 &amp; AHU.05, THIRD FLOOR - ICU AND RECOVERY AREA</b> Ditto but with the following; - Air supply and return prefilters: G3; - Air filter: F7 short bag filter; - Air supply flow rate: 0.6 m <sup>3</sup> /s @ 600 Pas - Air return flow rate: 0.5 m <sup>3</sup> /s @ 300 Pas - Cooler / heater Coil Capacity 10 Kw - Noise break out limited to 40dBA	No	2		
	<b>AHU.06, GROUND FLOOR - CHEMO TREATMENT AREA</b> Ditto but with the following; - Air supply and return prefilters: G3; - Air filter: F7 short bag filter; - Air supply flow rate: 1.2 m <sup>3</sup> /s @ 600 Pas - Air return flow rate: 0.8 m <sup>3</sup> /s @ 300 Pas - Cooler / heater Coil Capacity 20 Kw - Noise break out limited to 40dBA	No	1		
	<b>AHU TYPE 3 - AHU.3.01 &amp; AHU.3.02, OPERATING THEATHRES</b> Supply and install a double skinned re-circulating air handling unit (AHU) complete with a direct expansion (DX) cooling / re-heat coil unit, utilising low ODP refrigerant and suitable for delivering air with the following characteristics. The AHU shall be complete with all the necessary appurtenances such as the fresh air duct connection, fresh and return air regulators, filter chambers, filters, heat recovery wheel, cooler /heater coil, variable speed fans, pressure differential sensors, pressure sensor and speed controller, duct work connections, access doors, attenuators etc. all suitable for external installation.  - Air filter: F7 short bag filter; - Air filter: HEPA filter; - Air supply flow rate: 1.5 m <sup>3</sup> /s @ 900 Pas - Air return flow rate: 1.0 m <sup>3</sup> /s @ 300 Pas - Cooler / Re-heat Coil Capacity: 20 Kw - Noise break out limited to 40dBA	No	2		
<b>Total Carried Forward to the next Page</b>					

Item	DESCRIPTION	Unit	QTY	Rate (USD)	Amount (USD)
	<b>Total brought forward from the previous page</b>				
	<b>Outdoor Units - Supply and Install</b>				
A	22 Kw VRV heat recovery outdoor condensing unit with inverter compressors, capable of simultaneous heating and cooling as described and located at the roof level, matching the cooler / reheat coils in the AHU Types 2, and 3. The condenser units to be inclusive of the R410 / R134 a refrigerant and the necessary refrigerant pipework including supports, Y junctions, pipework insulation, electrical connections, etc. and any other equipment that may be necessary for completion and satisfactory performance of the system.	No	3		
	<b>SPLIT AIR CONDITIONERS</b>				
B	10.6 kw (36,000 Btu/h) cooling capacity High Wall Split remote controlled indoor Air conditioner, inclusive of roof mounted outdoor unit complete with support brackets. The unit shall have Auto Restart Operation, drain pump, air filter. It shall operate on R407 refrigerant or any other non ozone depleting refrigerant. The unit shall be as LG or approved equivalent. Include mounting Brackets as necessary. Sound Power 40dBA.	No.	2		
C	ditto but 7.2 Kw	No.	2		
D	ditto but 5.2 Kw	No.	2		
E	10.6 kw (36,000 Btu/h) cooling capacity DUCTED Split remote controlled indoor Air conditioner, inclusive of roof mounted outdoor unit complete with support brackets. The unit shall have Auto Restart Operation, drain pump, air filter. It shall operate on R407 refrigerant or any other non ozone depleting refrigerant. The unit shall be as LG or approved equivalent. Include mounting Brackets as necessary. Sound Power 40dBA.	No	5		
F	Refrigeration pipework including insulation for above units	LM	200		
G	Power surge protector for air conditioning equipment with 30 Amps rating	NO	11		
H	32 mm pvc Drainage pipework including bends, tees, U trap and all necessary accessories	LM	150		
	<b>RADIANT HEATER</b>				
I	600x1200x80mm high ceiling mounted aluminium panel electric radiant heater with built-in thermostat, capable of 600w heat output utilising single phase electrical power, complete with isolating switch located next to the patient bed as Frico AB - Thermocassette - Model HP 6N.	No.	10		
	<b>Extract Fans</b>				
	Ductable cabinet extract fan, manufactured from heavy gauge galvanised steel sheet with double thickness side panels internally lined with 50 mm thick fireproof fiberglass acoustic insulation. The fan to incorporate a static and dynamically balanced double inlet centrifugal impeller, rectangular / circular duct connection flanges, speed controller, on /off switch, sound attenuator to limit the noise level to 40 dB(A), control panel, anti-vibrations mountings, fittings, back draft damper, discharge protection guards complete with bird and insect screens etc. The fan to have the following characteristics:				
J	-0.2m <sup>3</sup> /s at 200 Pas as S&P CAB 250N or approved equal	No	1		
K	-0.4m <sup>3</sup> /s at 250 Pas as S&P CAB 315N or approved equal	No.	2		
L	-0.5m <sup>3</sup> /s at 300 Pas as S&P CAB 400 or approved equal	No.	1		
M	-0.7m <sup>3</sup> /s at 300 Pas as S&P CVAT/6-6000/500 or approved equal	No.	6		
N	-1.0m <sup>3</sup> /s at 350 Pas as S&P CVAT/6-10000/630 or approved equal	No.	4		
O	-1.2m <sup>3</sup> /s at 350 Pas as S&P CVAT/6-10000/630 or approved equal	No.	1		
P	-2.0m <sup>3</sup> /s at 400 Pas as S&P CVAT/6-14000/630 or approved equal	No.	1		
Q	-2.5m <sup>3</sup> /s at 400 Pas as S&P CVAT/6-14000/630 or approved equal	No.	1		
R	-3.0m <sup>3</sup> /s at 350 Pas as S&P CVAT/6-17000/710 or approved equal	No.	1		
S	Air supply ductwork in galvanised steel sheet including all the fittings and supports, manufactured, fitted and installed in accordance DW 144 standards as described	m <sup>2</sup>	3,000		
T	Ditto but return ductwork	m <sup>2</sup>	2,000		
U	Ditto but extract duct	m <sup>2</sup>	2,000		
	<b>Total Carried Forward to the next Page</b>				

Item	DESCRIPTION	Unit	QTY	Rate (USD)	Amount (USD)
	<b>Total brought forward from the previous page</b>				
A	The ductwork from and to Air handling units (AHU) shall be Insulated with 40 kg/m <sup>3</sup> density polyurethane foam as specified and applied to the ductwork surface and finished off with gauge 22 aluminium cladding as specified, complete with the necessary fasteners, fixtures supports etc.				
B	50mm thick insulation	m <sup>2</sup>	200		
C	Ditto but 25 mm thick.	m <sup>2</sup>	3,000		
D	Approved thickness applied internally to ductwork in accordance with the Specification	m <sup>2</sup>	400		
	<b>Stainless Steel Laminar Flow diffusers</b>				
E	1200 x 600mm laminar flow diffusers capable of 150 l/s air flow rate @ 100 Pa, throw of 1.5 - 2.4m, duct connection 250mm diameter.	No	8		
	<b>Anodised aluminium Slot Flow diffusers</b>				
F	1200mm long slot diffusers capable of 110 L/s air flow rate @ 100 Pa, throw 1.5 - 2.4 and duct connection 250 mm diameter.	No	16		
	<b>Door grilles</b>				
G	350 x 350mm anodised aluminium door grilles capable of 110 l/s flow rate @ 12 Pa, 36dB(A) noise level, colour to Architects approval.	No	140		
	<b>4-WAY DIFFUSERS</b>				
H	4-way anodised aluminium air supply diffuser of the specified sizes, flow rates, pressure losses complete with adjustable <b>volume control damper</b> and finished off to Architects approved colour.				
I	225 x 225mm capable 100L/s @ 24 Pa and 20 dB(A) maximum noise	No	214		
J	300 x 300mm capable 150L/s @ 24 Pa and 22 dB(A) maximum noise	No	95		
K	375 x 375mm capable 250L/s @ 24 Pa and 22 dB(A) maximum noise	No	10		
L	450 x 450mm capable 350L/s @ 24 Pa and 22 dB(A) maximum noise	No	2		
	Anodised aluminium air return eggcrate grilles of the specified sizes, flow rates, pressure losses complete with adjustable volume control damper and finished off to Architects approved colour as trox or approved equal.				
M	300 x 300mm capable 200L/s @ 10 Pa and 35 dB(A) maximum noise	No.	119		
N	350 x 350mm capable 250L/s @ 10 Pa and 35 dB(A) maximum noise	No.	12		
O	400 x 350mm capable 300L/s @ 10 Pa and 35 dB(A) maximum noise	No.	120		
P	600 x 300mm capable 400L/s @ 10 Pa and 35 dB(A) maximum noise	No.	12		
Q	600 x 400mm capable 500L/s @ 10 Pa and 35 dB(A) maximum noise	No.	2		
R	600 x 450mm capable 600L/s @ 10 Pa and 35 dB(A) maximum noise	No.	5		
	<b>Total Carried Forward to the next Page</b>				

Item	DESCRIPTION	Unit	QTY	Rate (USD)	Amount (USD)
	<b>Total brought forward from the previous page</b>				
	Extract air disc valves of the specified sizes, flow rates, pressure loses complete with adjustable disc lock nut and powder baked finished to the Architects approved colour as trox or approved equal.				
A	125mm diameter capable 30L/s @ 70 Pa and 35 dB(A) max. noise	No.	20		
B	160mm diameter capable 80L/s @ 70 Pa and 35 dB(A) max. noise	No.	285		
C	200mm diameter capable 120L/s @ 70 Pa and 40 dB(A) max. noise	No.	9		
	Supply air disc valves of the specified sizes, flow rates, pressure loses complete with adjustable disc lock nut and powder backed finished to the Architects approved colour as trox or approved equal.				
D	125mm diameter capable 30L/s @ 70 Pa and 35 dB(A) max. noise	No.	8		
E	160mm diameter capable 80L/s @ 70 Pa and 35 dB(A) max. noise	No.	40		
F	200mm diameter capable 120L/s @ 70 Pa and 40 dB(A) max. noise	No.	6		
	Rectangular ductable counter balanced pressure-relief dampers capable of relieving the specified flow rate and to maintain the given pressure as Johnsons control or approved equal.				
G	Size 800 x 675 mm capable of 800 l/s flow rate @ 20 Pas	No.	2		
H	Size 400 x 675 mm capable of 500 l/s flow rate @ 20 Pas	No.	4		
I	Size 400 x 345 mm capable of 200 l/s flow rate @ 20 Pas	No.	2		
J	Normally closed motorised damper suitable for (600x500mm) duct installation and capable of 1400 L/S flow rate. The damper shall be interlocked with the space extract fan, the damper to be fully open when the fan is on and fully closed when the fan is off. All as Johnsons Control or approved equal.	No	2		
K	Ditto but (500x450 mm) duct and 1100 L/S flow rate.	No	2		
L	Ditto but (400x350 mm) duct and 800 L/S flow rate.	No.	2		
M	Ditto but (350x350 mm) duct and 700 L/S flow rate	No.	3		
N	Ditto but (350x300 mm) duct and 600 L/S flow rate.	No.	5		
O	Ditto but (300x300 mm) duct and 500 L/S flow rate.	No.	6		
P	Ditto but (300x250 mm) duct and 400 L/S flow rate.	No.	4		
Q	Ditto but (300x200 mm) duct and 300 L/S flow rate.	No.	3		
<b>Total Carried Forward to the next Page</b>					

Item	DESCRIPTION	Unit	QTY	Rate (USD)	Amount (USD)
	<b>Total brought forward from the previous page</b>				
A	Room pressure controlled shut off damper suitable for (800x800 mm) duct installation and 4000L/S flow rate complete with the room pressure sensor interconnecting control cables and actuator. All as Johnsons control, trane or approved equal.	No.	1		
B	Ditto but (1100x600 mm) duct and 4000 L/S flow rate	No.	1		
C	Ditto but (750x600 mm) duct and 3500 L/S flow rate	No.	1		
D	Ditto but (500x450 mm) duct and 1500 L/S flow rate	No.	2		
E	Ditto but (500x400 mm) duct and 1000 L/S flow rate	No.	1		
F	Fire damper, 1250mm x 500mm	No	8		
G	Fire damper, 1200mm x 500mm	No	6		
H	Fire damper,700mm x 500mm	No	14		
I	Fire damper, 600mm x 400mm	No	16		
J	Fire damper, 500mm x 400mm	No	18		
K	Fire damper, 400mm x 400mm	No	12		
L	700 x500 volume control damper.	No	4		
M	600 x 400 volume control damper.	No	3		
N	500 x500 volume control damper.	No	14		
O	500 x 400 volume control damper.	No	10		
P	400 x 300 volume control damper.	No	24		
Q	300 x200 volume control damper.	No	30		
R	Sound attenuator, 1250mm x 500 x 1500 mm long	No	8		
S	Sound attenuator, 700mm x 500x 1500 mm long	No	12		
T	Sound attenuator, 500mm x 400x 1500 mm long	No	6		
U	Sound attenuator, 600mm x 400x 1500 mm long	No	6		
<b>Total Carried Forward to the next Page</b>					

Item	DESCRIPTION	Unit	QTY	Rate (USD)	Amount (USD)
	<b>Total brought forward from the previous page</b>				
	<b>Flexible Ducts</b>				
A	400mm diameter by 1500 mm long flexible ducting	No	3		
B	Ditto but 350mm diameter	No	7		
C	Ditto but 300mm diameter	No	10		
D	Ditto but 250mm diameter	No	33		
E	Ditto but 200mm diameter	No	70		
F	Ditto but 150mm diameter	No	146		
G	1500mm wide Free standing laboratory Fume cupboard as method series. It should come complete with chemical resistant extract fan, air flow alarm monitors, Flip Open Airfoil For Easy Cleaning Of Spillages, inbuilt wash down system, integral work surfaces and drainage troughs, Automatic Sash Closer etc.	No	4		
<b>Total Carried Forward to the next Page</b>					

Item	DESCRIPTION	Unit	QTY	Rate (USD)	Amount (USD)
	<b>Total brought forward from the previous page</b>				
	Electrical Works				
A	Allow for the electrical works associated with the installation which shall include; - Connecting electrical power from the local isolator to the equipment panel; - Wiring the mechanical equipment motors from the control panel; - Installation of all the mechanical equipment control cables; - Liaising with Electrical contractor for adequate provision of electrical power, etc.	Item	1		
	Supports				
B	Allow for all the necessary supports, including fixings, anchors, insulating blocks and anti-vibration devices	Item	1		
	Identification				
C	Allow for all necessary identification, including plates, discs, labels, charts and colour	Item	1		
	Testing and commissioning				
D	Allow for all necessary testing and commissioning, including flushing, cleaning, purging of air, refrigerant charging, balancing and operating the completed installations and providing the necessary utilities including power.	Item	1		
	Tools and spares				
E	Allow for all necessary tools and spares, including the following: loose keys and - Air Handling Units access panel keys; - One full set of the prefilter, all protected from dust and elements; - One full set of the bag filters, all protected from dust and elements; - One full set of the HEPA filters, all protected from dust and elements;	Item	1		
	Documents				
F	Allow for all necessary documents, including drawings, O&M manuals, as build drawings etc.	Item	1		
	Protective painting and decorative painting				
G	Allow for all necessary protective painting and decorative painting, including removing protective coating or wrapping and cleaning, polishing the exposed surfaces to the Architects /Engineers approval	Item	1		
	Training				
H	Allow for training the Client on the operation and maintenance of the installed systems.	Item	1		
	<b>Total Carried Forward to the HVAC Summary Page</b>				

**HVAC-SUMMARY PAGE**

Item	Description		Total Cost (USD)
1	Brought Forward from page 6-8 (AC & MV)	.....	
<b>Total for HVAC carried to Mechanical Grand summary page</b>			