

Mars Sterile Equipments

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Client	Orbit Healthcare Services	Ref No	OHCM/MOT/S/0400R/2223
Address	Mwanza City	Date	28.08.2023
	Tanzania	Validity	30 days
Person	Mr.Terence (+91 9987327523)	Total Estimate	78599.40 USD

MODULAR OPERATION THEATRE COMPLEX (Annexure - 1)

OT 1 Size: 4740 x 4580 x 2450 mm

SI No	Description	Unit	Qty	Rate in USD	Amount
1	Double Skin Air Handling Unit: Supply and instalation of Fabricate in double skin with outer skin in 0.47 mm Precoated GI sheet and 0.6 mm thick GI sheet in inner, injucted with PUF insulation, aluminum extrude outer frame, Belt driven motor and blower assembly, 6 row DX cooling coil, AHU 2200 CFM with 80 mm of WC, 5.5 TR	Nos	1	1640.24	1640.24
2	5.5 TR Condensing Unit	Nos	1	878.05	878.05
3	Refrigerant Copper Piping and Insulation	RMT	30	19.51	585.37
4	Drier and Expansion Valve and drain pipe commissioning	Lot	1	182.93	182.93
5	Communication cable and AHU power cable	RMT	40	2.07	82.93
6	Refridgeration gas	Kgs	6	18.29	109.76
7	Ducting: Made of 0.6 mm aluminum duct with 13 mm XLP insulation, Canvas connection with all accessories.	Sqft	1100	1.77	1945.12
8	Laminar Airflow Module: Made of 1.2 mm thick GI powder coated with 0.3 micron Minipleat HEPA filter (1220 x 610 x 75 mm - 3 nos)with SS 304 preforated grill. Cleanliness level: Class 100, Dim: 1980 x 1320 x 350 mm	Nos	1	1667.62	1,667.62
9	Return air Prefilter with SS Grill	Nos	4	43.93	175.71
10	SS with PPGL Wall Panel: 80 mm double skin demountable panel made of 0.8 mm thick SS 304 Sheet on Inside and 0.47 mm PCGI sheet on out side, with PUF infill of 40 Kg/m3 density, food grade sealant for seamless and airtight finish.	Sq ft	537	5.71	3064.83
11	SS with PPGL Ceiling Panel: 50 mm double skin demountable panel made of 0.8 mm thick SS 304 sheet on inside and 0.47 mm thick PCGI sheet on out side with PUF infill of 40 Kg/m3 density, food grade sealant for seamless and airtight finish, weight bearing capacity of 150 to 200 Kg/Sq mts with hanging arrangement.	Sq ft	264	5.22	1377.95
12	Coving: R 70 aluminum coving wall to wall, wall to ceiling, Wall to floor	RMT	50	5.18	259.15
13	3D coving corner	Nos	8	2.20	17.56

14	Reverse coving: R 50 alminum reverse coving.	RMT	7.5	4.98	37.32
15	3D reverse coving	Nos	6	4.61	27.66
16	Germicidal UV light	Nos	2	60.33	120.66
17	Conventional Swing Door: 45 mm thick Double door made of 0.8 mm thick Ss 304 sheet on both sides with infill of PUF 40 kg/m ³ . Door frame will be 1.2 mm thick SS 304 sheet. All hardware make doorset make like D Handle, Dead lock, Door closer, Hinges, Toughened View glass(500 x 300mm), Automatic door drop seal and etc. Size: 1500 x 2100 x 80 mm	Nos	1	740.91	740.91
18	Surgeon Control Panel: 1.Day clock, 2.Elosped clock, 3. Temperature controller, 4. Humidity display, 5. Room pressure 6, Lighting control, 7. Handfree phone 8. AHU control.	Nos	1	904.83	904.83
19	AHU control Panel: AHU automatic control. MCB, OLR, Timer, single phase priventer and contactor.	Nos	1	255.71	255.71
20	Pass Box: Made of 1.2 mm SS 304 sheet with electro inter locking systems. Autamatic uv light on of	Nos	1	532.65	532.65
21	Scrub Sink: 2 Bay scrub made of SS 304 sheet with Jaquar Spout and Foot operated Value, Dim: 1500 x 550 x 1250 mm	Nos	1	605.37	605.37
OT-1 Supply cost					15212.30
MODULAR OPERATION THEATRE COMPLEX (Annexure - 2)					
OT 2 Size: 5170 x 4590 x 2450 mm					
Sl No	Description	Unit	Qty	Rate	Amount
1	Double Skin Air Handling Unit: Supply and instalation of Fabricate in double skin with outer skin in 0.47 mm Precoated GI sheet and 0.6 mm thick GI sheet in inner, injucted with PUF insulation, aluminum extrude outer frame, Belt driven motor and blower assembly, 6 row DX cooling coil, AHU 2200 CFM with 80 mm of WC, 5.5 TR	Nos	1	1640.24	heet
2	5.5 TR Condensing Unit	Nos	1	878.05	878.05
3	Refrigerant Copper Piping and Insulation	RMT	30	19.51	585.37
4	Drier and Expansion Valve and drain pipe commissioning	Lot	1	182.93	182.93
5	Communication cable and AHU power cable	RMT	40	2.07	82.93
6	Refridgeration gas	Kgs	6	18.29	109.76
7	Ducting: Made of 0.6 mm aluminum duct with 13 mm XLP insulation, Canvas connection with all accessories.	Sqft	900	1.77	1591.46
8	Laminar Airflow Module: Made of 1.2 mm thick GI powder coated with 0.3 micron Minipleat HEPA filter (1220 x 610 x 75 mm - 3 nos)with SS 304 preforated grill. Cleanliness level: Class 100, Dim: 1980 x 1320 x 350 mm	Nos	1	1667.62	1,667.62
9	Return air Prefilter with SS Grill	Nos	4	43.93	175.71

10	SS with PPGL Wall Panel: 80 mm double skin demountable panel made of 0.8 mm thick SS 304 Sheet on Inside and 0.47 mm PCGI sheet on out side, with PUF infill of 40 Kg/m3 density, food grade sealant for seamless and airtight finish.	Sq ft	526	5.71	3002.05
11	SS with PPGL Ceiling Panel: 50 mm double skin demountable panel made of 0.8 mm thick SS 304 sheet on inside and 0.47 mm thick PCGI sheet on out side with PUF infill of 40 Kg/m3 density, food grade sealant for seamless and airtight finish, weight bearing capacity of 150 to 200 Kg/Sq mts with hanging arrangement.	Sq ft	255	5.22	1330.98
12	Coving: R 70 aluminum coving wall to wall, wall to ceiling, Wall to floor	RMT	50	5.18	259.15
13	3D coving corner	Nos	8	2.20	17.56
14	Reverse coving: R 50 alminum reverse coving.	RMT	2.5	4.98	12.44
15	3D reverse coving	Nos	2	4.61	9.22
16	Germicidal UV light	Nos	2	60.33	120.66
17	Conventional Swing Door: 45 mm thick Double door made of 0.8 mm thick Ss 304 sheet on both sides with infill of PUF 40 kg/m3. Door frame will be 1.2 mm thick SS 304 sheet. All hardware make dorset make like D Handle, Dead lock, Door closer, Hinges, Toughened View glass(500 x 300mm), Automatic door drop seal and etc. Size: 1500 x 2100 x 80 mm	Nos	1	740.91	740.91
18	Conventional Swing Door: 45 mm thick Single door made of 0.8 mm thick Ss 304 sheet on both sides with infill of PUF 40 kg/m3. Door frame will be 1.2 mm thick SS 304 sheet. All hardware make dorset make like D Handle, Dead lock, Door closer, Hinges, Toughened View glass(500 x 300mm), Automatic door drop seal and etc. Size: 900 x 2100 x 80 mm	Nos	1	463.41	463.41
19	Surgeon Control Panel: 1.Day clock, 2.Elosped clock, 3. Temperature controller, 4. Humidity display, 5. Room pressure 6, Lighting control, 7. Handfree phone 8. AHU control.	Nos	1	904.83	904.83
20	AHU control Panel: AHU automatic control. MCB, OLR, Timer, single phase priventer and contactor.	Nos	1	255.71	255.71
OT-2 Supply cost					12390.73
MODULAR OPERATION THEATRE COMPLEX (Annexure - 3)					
OT CORRIDOR and OTHER					
SI No	Description	Unit	Qty	Rate	Amount
1	11 TR Ductabile Split indoor and out door Make : Blue star	Nos	1	2731.71	2731.71
2	Refrigerant Copper Piping and Insulation	RMT	40	19.51	780.49
3	Drain pipe commissioning	Lot	1	97.56	97.56
4	Communication cable and AHU power cable	RMT	40	2.07	82.93
5	Refridgeration gas	Kgs	12	18.29	219.51

6	Ducting: Made of 0.6 mm aluminum duct with 13 mm XLP insulation, Canvas connection with all accessories.	Sqft	1250	1.77	2210.37
7	PCGI Wall Panel: 50 mm double skin demountable panel made ofn 0.47 mm thick PCGI Sheet on both side, with PUF infill of 40 Kg/m3 density, food grade sealant for seamless and airtight finish.	Sq ft	2873	3.21	9214.62
8	PCGI Ceiling Panel: 50 mm double skin demountable panel made ofn 0.47 mm thick PCGI Sheet on both side, with PUF infill of 40 Kg/m3 density, food grade sealant for seamless and airtight finish.	Sq ft	1370	3.50	4795.00
9	Coving: R 80 aluminum coving wall to wall, wall to ceiling	RMT	570	5.18	2954.27
10	3D coving corner	Nos	156	2.20	342.44
11	Reverse coving: R 50 alminum reverse coving.	RMT	40	4.98	199.02
12	3D reverse coving	Nos	32	4.61	147.51
13	Conventional Swing Door: 45 mm thick Single/Double door made of 0.8 mm thick GI powdercoated sheet on both sides with infill of PUF 40 kg/m3. Door frame will be 1.2 mm thick GI powder coated sheet. All hardware make doorset make like D Handle, Dead lock, Door closer, Hinges, Toughened View glass(500 x 300mm), Automatic door drop seal and etc.				
13.1	Double Door 1500 x 2100 x 50 mm	Nos	3	497.96	1493.89
13.2	Single Door 1000 x 2100 x 50mm	Nos	8	340.62	2724.98
13.3	Single Door 900 x 2100 x 50mm	Nos	6	321.35	1928.12
13.4	Single Door 750 x 2100 x 50 mm	Nos	6	288.23	1729.39
14	Auto clave Sink with table: Made of 1.2 mm thick SS sheet. Size 1500 x 600 x 900 mm	Nos	1	507.49	507.49
15	GI storage unit: Made of 1.2 mm thick GI powdercoated sheet with caster wheel . Size 900 x 350 x 1800 mm. For change room without door	Nos	3	242.60	727.79
16	GI storage unit: Made of 1.2 mm thick GI powdercoated sheet with caster wheel. Front door with view glass. Size: 1000 x 400 x 1800 mm.	Nos	3	299.29	897.88
17	Autoclave Exhaust motor blower with GI powder coated box and grill	Nos	1	219.65	219.65
18	Scrub Sink: 1 Bay scrub made of SS 304 sheet with Jaquar Spout and Foot operated Value, Dim: 1500 x 550 x 1250 mm	Nos	1	361.46	361.46
19	Pass Box: Made of 1.2 mm SS 304 sheet with electro inter locking systems. Autamatic uv light on of system.Dim 600 x 400 x 600 mm	Nos	2	532.65	1065.29
OT Corridor and Other area Supply cost					35431.37

Quotation Summary		
1	OT-1 Supply cost in USD	15212.30
2	OT-2 Total Supply cost in USD	12390.73
3	OT Corridor Supply cost in USD	35431.37
	Sub Total	63034.40
	Wooden Packing	5200.00
	Installation Cost	10365.00
	Grand Total in USD	78599.40

Terms

* **Travelling charges at actual for 6 person (Visa and Ticketing)**

* **Accommodation at actual Your scope**

*Payment 50% in advance along with P.O, 30% on boarding balance 20% against Installation.

*Installation will be done on fast track basis subject to proper planning in co-ordination with other contractors

*Warranty will be for 12 months against any manufacturing defects

* Ducting quantity will be as per the site measurement

Exclusions:

*Scaffolding your scope for external works

*Additional work apart from our BOQ will be charged extra

*Any civil work like wall opening, wall closing & plastering your scope

*Power & water supply during erection must be provided free of cost

*Place for safe storage of materials delivered at site should be provided

for **Mars Sterile Equipments**

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