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ANNEXURE-I		
A	NEG NUMBER	52NHB083
B	BUILDING NAME	DFCC BUILDING
C	FINISHES	SS 304 CAR & DOORS
D	TYPE OF LIFT	OFFICE BUILDING
E	NUMBER OF LIFTS	1
SR	PRODUCT DISCRPTION	
1	LOAD IN PASSENGER	13
2	LOAD IN KGS	884
3	SPEED IN MPS	1
4	NUMBER OF STOPS	3
5	NUMBER OF OPENINGS	3
6	FLOOR MARKING	G+2
7	TYPE OF OPENINGS	SAME SIDE
8	RISE IN METER	9
9	OVER HEAD IN METER	4.5
10	PIT IN METER	1.6
11	POWER SUPPLY REQUIRE	400 V, 3 PHASE, 50 HERTS A.C
12	MACHINE TYPE	P.M GEARLESS
13	MACHINE ARRANGEMENT	LOCATED ON THE TOP OF THE HOISTWAY
14	CONTROLLAR TYPE	ACD- 5 WITH REGEN DRIVE
15	DRIVE MECHANISM	BELT DRIVEN TECHNOLOGY
16	OPERATION TYPE	SIMPLEX
17	LIFT WELL SIZE (IN MM)	2000 X 2300
18	CAR INSIDE	1100 X 2000
19	CAR INSIDE HEIGHT	2200 MM
20	CAR ENCLOSER	SS 304 HAIRLINE FINISH
21	FLOORING TYPE	FLOORING BY CLIENT
22	FALSE CEILING TYPE	C.D 41
23	CAR DOOR TYPE	SS 304 HAIRLINE FINISH
24	LANDING DOOR TYPE	SS 304 HAIRLINE FINISH
25	OPENING	800 X 2000
26	OPENING TYPE	CENTER OPENING
27	DOOR FRAME TYPE	SS 441 HAIRLINE FINISH
SR NO	SIGNALS	
1	HALL BUTTON	INCLUDED
2	INFRARED DOOR DETECTOR	INCLUDED
3	AUTO/ MANUAL FAN CUT/ OFF	INCLUDED
4	MONOCHROME LCD BLUE BACKGROUND & WHITE FONT	INCLUDED
5	BATTERY OPERATED ALARM EMERGENCY LIGHT	INCLUDED
6	INTERCOM	INCLUDED
7	VOICE ANNOUNCING SYSTEM	INCLUDED
8	AUTOMATIC RESCUE OPERATION	INCLUDED
9	MANUAL RESCUE OPERATION	INCLUDED
10	BRAIL BUTTON	INCLUDED
11	HANDRAILS	INCLUDED
12	OVERLOAD INDICATER	INCLUDED
13	DOOR OPEN & CLOSE	INCLUDED
14	NUDGING	INCLUDED
15	BELT INSPECTION DRIVE	INCLUDED
SR NO	PRICING	
1	PRICE OFFERED	1355933
2	CGST @ 9 % ABOVE VALUE	122033.97
3	SGST @ 9 % ABOVE VALUE	122033.97
4	TOTAL PRICE	1600000.94
5	TOTAL PRICE AS PER PROJECT	1600000.94

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**ANNEXURE-II**

S.NO.	DESCRIPTION	QTY.	UOM	RATE	AMOUNT
	SUPPLY OF HAIER MAKE VRF SYSTEM				
1	SUPPLY OF HAIER MAKE VRF VS VARIABLE REFRIGERANT FLOW TYPE AIR CONDITIONING SYSTEM OUTDOOR UNITS WITH R-410 GREEN GAS DESIGNED TO OPERATE UPTO 55 DEGREE CELSIUS AMBIENT TEMPERATURE. CAPACITY: 84 HP				
1.1	TOP DISCHARGE	1	LOT	1695330	1695330
	COOLING ONLY				
	MODEL:AV28NMVQVA				
2.1	DUCTED TYPE				
	CAPACITY: 1 TON	5	NOS	26485	132425
2.1.1	CAPACITY: 1.5 TON	8	NOS	28513	228104
2.1.2	CAPACITY: 2 TON	8	NOS	30542	244336
2.1.3	CAPACITY: 2.5 TON	2	NOS	32890	65780
2.2	CASSETTE TYPE				
2.2.1	CAPACITY: 2 TON CASSETTE	4	NOS	43125	172500
2.2.2	CAPACITY: 3.2 TON CASSETTE	6	NOS	49565	297390
2.2.3	CAPACITY: 4 TON CASSETTE	1	NOS	50370	50370
2.3	HIWALL TYPE				
2.3.1	CAPACITY: 1.3 TR. HIWALL	2	NOS	20585	41170
3	Remotes and Controller				
	WIRELESS REMOTE CONTROLLER	36	NOS	1220	43920
4	REFNUT / Y-JOINT				
	Supply,Installation,testing and commissioning of Y-joints and headers etc.	36	NOS	5865	211140
	Supply,Installation,testing and commissioning of Gather Pipe				
	Total Amount (Basic)				3182465
	GST 28%				891090
	TOTAL (WITH GST)				4073555

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*BY SONY/EL*

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S. No	Description	Unit	Qty.	Rate (Rs.)		Amount (Rs.)
				Supply	Installation	
1	<b>CHAPTER 1: MRV CONDENSING UNIT</b>					
	Supply, Installation, testing and commissioning of variable refrigerant flow modular type air conditioning system with Inverter Scroll Compressor suitable to operate on 415 ±10% V and 50 Hz complete with outdoor units ,controllers, accessories including fully charged with refrigerant R410A to outdoor unit and all running refrigerant pipe as per detail given in specifications & Drawings. The Condenser fan will reverse the rotation to clean the dust for better efficiency in every 60 days. Haier has the first ZIGBEE wireless communication for VRF indoor units globally.					
	<b>Outdoor Units - (Cooling +Heating )</b>					
1.1	28 HP - OUTDOOR	LOT	1	0	1,72,500	0
2.0	<b>INDOOR UNIT</b>					
	SITC, Loading, Unloading of the indoor unit. Unit shall be complete in all respect and suitable for 230 ±5%					
	<b>Indoor Units With MRV</b>					
2.1	DUCTED	No.	23	0	2,875	0
2.2	CAC	No.	11	0	2,875	0
2.3	HI WALL	No.	2	0	1,380	0
3	<b>Y-JOINT</b>					
	Supply, Installation, testing and commissioning of Y-joints and headers etc.	No.	36		575	0
	Supply, Installation, testing and commissioning of gather pipe	No.				
4	<b>REFRIGERANT PIPING</b>					
	Supply, fabrication, installation, testing of Interconnecting refrigerant copper pipe work with closed cell nitrile rubber tubular insulation					

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	28.6 mm O.D (wall Thickness-1.0 mm) (Insulation : 19 mm)	RMT	250	2,013		
5	<b>CONDENSATE DRAIN PIPING</b> Supply, Installation, Testing and commissioning of Rigid heavy class PVC piping .					
5.1	32 mm dia	Rmt	300	190		
6	<b>GSS DUCT (SITE FABRICATED) &amp; Insulation</b> Supply, fabrication, installation, testing and commissioning of G.S.S. sheet metal ducting including all supports and hangers					
6.1	24 G (0.63 mm)	SQMTR	20	1,265		
6.2	Duct Insulation 9 mm nitrile rubber	SQMTR	20	748		
7	Canvas connection for Ducted units	NO	23	2,300		
8	Refrigerant top up Supply & Charging of R410A Eco-Friendly Refrigerant	LOT	1	97,750		
9	LOADING UNLOADING & LIFTING OF MACHINE	LOT	1	23,000		
10	CORE CUTTING	NO	21	1,150		
11	<b>TRANSMISSION &amp; CONTROL WIRING</b> Providing & fixing control cum transmission wiring in medium duty PVC Conduit between indoor and outdoor units. (1.5 Sq mm X 2 Core - Copper)	Rmt	375	202		
12	<b>CABLE TRAY FOR REFRIGERANT PIPING</b> Supplying and installing following size of perforated hot dip galvanized GI cable tray with cover.					
	300 mm width x 100 mm depth x 1.6 mm thickness	Rmt	15	1,438		
13	<b>MS FRAME FOR OUTDOOR UNIT</b> Supply and Erection of MS base frame duly applied with red-oxide primer.					
14	Power supply near outdoor units and outdoor units with proper earthing near by out-door.	No.	3	5,750		
15	Any cutting in POP or wooden/glass pannels & making then good & making of trap doors for concealed ducted units					
<b>Grand Total</b>			<b>Total</b>			
		TOTAL WITH GST 18 %				
					1206590	
					1423776.2	

CLIENT SCOPE

**Grand Total With GST=4073555+1423776.2=5497331.2/-**

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GROUND FLOOR				MIRV System							
AREA	SQ. FEET	calculated TR	INDOOR LIMIT	TR	QTY	TOTAL INDOOR CAPACITY (TBL)	OUTDOOR CAPACITY (HP)	INDOOR UNIT DESCRIPTION	TR	QTY	OUTDOOR CAPACITY (HP)
	165	1.5	DUCT	1.5	1	1.5		DUCT	1	5	
	165	1.5	DUCT	1.5	1	1.5		DUCT	1.5	8	
	139	1.5	DUCT	1.5	1	1.5		DUCT	2	8	
RECEPTION & WORKSTATION	245	2.5	DUCT	2.5	1	2.5		DUCT	2.5	2	
ASSI. OFFICE	103	1	DUCT	1	1	1		CASSETTE	2	4	
ASSI. OFFICE	100	1	DUCT	1	1	1		CASSETTE	3	6	
WORKSTATION	507	3	CAC	3	2	3	28 HP	CASSETTE	4	1	
WORKSTATION		2	CAC	2	1	2		HIGHWALL	1.3	2	
SERVER ROOM	110	1.3	HIGHWALL	1.3	1	1.3					
	375	4	DUCT	2	2	4					
CONFERENCE ROOM	375	4	DUCT	2	2	4					
						23.3					

FIRST FLOOR				MIRV System							
AREA	SQ. FEET	calculated TR	INDOOR LIMIT	TR	QTY	TOTAL INDOOR CAPACITY (TBL)	OUTDOOR CAPACITY (HP)	INDOOR UNIT DESCRIPTION	TR	QTY	OUTDOOR CAPACITY (HP)
	152	1.5	DUCT	1.5	1	1.5					
	154	1.5	DUCT	1.5	1	1.5					
	133	1.5	DUCT	1.5	1	1.5					
ASSI. OFFICE	100	1	DUCT	1	1	1					
ASSI. OFFICE	97	1	DUCT	1	1	1					
ASSI. OFFICE	97	1	DUCT	1	1	1					
WORKSTATION	500	3	CAC	3	1	3					
WORKSTATION		2	CAC	2	1	2					
ASSI. OFFICE	187	2	DUCT	2	1	2					
ASSI. OFFICE	190	2	DUCT	2	1	2					
	208	2	DUCT	2	1	2					
	206	2	DUCT	2	1	2					

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SECOND FLOOR							20.5	
SECOND FLOOR	REST ROOM - 1	244	2.5	DUCT	2.5	1	2.5	28 HP+28 HP
	MASTER ROOM	194	2	DUCT	2	1	2	
	LIVING ROOM	209	2	CAC	2	1	2	
	DINING ROOM	151	1.5	DUCT	1.5	1	1.5	
	LOUNG	133	1.5	DUCT	1.5	1	1.5	
	TRAINING CENTRE	928	4	CAC	4	1	4	
	TRAINING CENTRE		3	CAC	3	1	3	
	TRAINING CENTRE		3	CAC	3	1	3	
	CAFETARIA	503	6	CAC	3	2	6	
	INSTRUCTOR ROOM	102	1.3	HIGHWALL	1.3	1	1.3	
							26.8	

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## ANNEXURE-III

Item No	Description of Item	Unit	unit Rate in INR	Qty	Total	remarks
1	17.2.1:-supplying, installation, testing and commissioning of micro-processor based intelligent addressable main fire alarm panel, central processing unit with the following loop modules and capable of supporting not less than 240 devices (including detectors) and minimum 120 detectors per loop and loop length up to 2 km, network communication card, minimum 320 character graphics/ LCD display with touch screen or other keypad and minimum 4000 events history log in the non-volatile memory (EPROM), power supply unit (230 ± 5% V, 50 hz), 48 hrs back-up with 24 volt sealed maintenance free batteries with automatic charger. The panel shall have facility to connect printer to printout log and facility to have seamless integration with analog/digital voice evacuation system (which is part of the schedule of work under SH: PA System) and shall be complete with all accessories. The panel shall be compatible for IBMS system with open protocol BACnet/ Modbus over IP complete as per specifications for two loop panel	Nos	239225	1	2,39,225.00	DSR(E&M)-2022
2	Supply Installation Testing and Commissioning OF RED ADD CALL POINT, FLUSH MOUNTING GLASS WITH BACK	Nos	5,050.40	3	15,151.20	
3	Supply Installation Testing and Commissioning ADDRESSABLE MULTI DETECTOR ADVANCE PROTOCOL WITH SURFACE MOUNTING BASE. HM/PTSE/AP+M/IB501AP/IV	Nos	7,870.60	3	23,611.80	
4	Supply Installation Testing and Commissioning ADDRESSABLE ROR HEAT DETECTOR AP PROTOCOL WITH SENSOR MOUNTING BASE. MODEL-HM/RHSE/AP+M/IB501AP/IV	Nos	3,410.20	36	1,22,767.20	
5	Supply Installation Testing and Commissioning RESPONSE INDICATOR. MODEL-RI/007	Nos	129.8	3	389.40	
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Fire Alarm System

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7	Supply Installation Testing and Commissioning 12V LEAD ACID BATTERY	Nos	1,534.00	4	6,136.00	
8	Supply Installation Testing and Commissioning of wiring with 1.5mmx2core RR/POLYCAR make FRLS Flexible cable (RED COLOR), Cable laying with 19mm G.I pipe and other all accessories, saddling with complete wiring materials	Mtrs.	348.1	400	1,39,240.00	
<b>Total Amount with Taxes.</b>					<b>5,59,500.60</b>	

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