

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item No.	Description	Quantity	Unit	Delivered, Weeks/Months
1.	AIR HANDLING UNIT AND SUPPORT			One Hundred Fifty (150) calendar days
1.1	Supply Air Handling Unit (Zone 1) - 7500 CFM Volume Flow Rate, Centrifugal type, Supply Unit - Minimum pressure loss of 0.1 in. of water per 100 ft. Variable Frequency Drive	1	set	
1.2	Supply Air Handling Unit (Zone 2) - 3000 CFM Volume Flow Rate, Centrifugal type, Supply Unit - Minimum pressure loss of 0.1 in. of water per 100 ft. Variable Frequency Drive	1	set	
1.3	Exhaust Air Handling Unit - 10500 CFM Volume Flow Rate, Centrifugal type, Exhaust Unit - Minimum pressure loss of 0.1 in. of water per 100 ft. Variable Frequency Drive	1	set	
1.4	Catwalk Support for Exhaust Units - Reinforced Steel Bar, Angle Bar, Black Iron Pipe, See attached drawing for more details - Dimension depends on the size of the air handling units	1	set	
1.5	Catwalk Support for Supply Units - Reinforced Steel Bar, Angle Bar, Black Iron Pipe, See attached drawing for more details - Dimension depends on the size of the air handling units	1	set	
2	DUCTING AND FITTING WITH BAFFLES			
2.1	Supply Main Ducts (Zone 1) - 2.6 ft by 2.6 ft square Duct Gauge 18, Galvanized Steel Sheet (see attached design for duct length)	1	Lot	
2.2	Supply Main Ducts (Zone 2) - 1.8 ft by 1.8 ft square Duct Gauge 20, Galvanized Steel Sheet (see attached design for duct length)			
2.3	Exhaust Main Ducts - 3.5 ft by 3.5 ft square Duct Gauge 20, Galvanized Steel Sheet (see attached design for duct length)			
2.4	Branch Ducts - 1 ft by 1 ft square Duct Gauge 24, Galvanized Steel Sheet (see attached design for duct length)			
2.5	Supply Riser Ducts - 1 ft by 1 ft square Duct Gauge 24, Galvanized Steel Sheet (see attached design for duct length)			

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2.6	Exhaust Riser Ducts - Gauge 24, Rectangular Duct, Galvanized Steel Sheet, See detailed sizing for different rooms (see attached design for duct length)		
2.7	Baffles in Main Ducts -Welded baffles for a length of 1 meter in the ducts (see attached design for duct length)		
3	DUCTING SUPPORTS		
3.1	Main Duct Supports -Angle Bar, See attached design for details - Location of supports depend on the structural support of the building	1	Lot
3.2	Branch Duct Supports -Angle Bar, See attached design for details - Location of supports depend on the structural support of the building		
4	UV-C FILTER		
4.1	Supply Line UV-C Filter - Complement air handling unit specifications and duct design	2	Sets
4.2	Exhaust Line UV-C Filter - Complement air handling unit specifications and duct design	1	Set
5	ICT EQUIPMENT AND DEVICES		
5.1	Monitoring Devices for each room -Monitoring and alarm system for pressure and air quality inside the room (1 per room, see attached design for more details) Air Quality Range: 0-9999 ppm with 1ppm resolution Pressure Range: Negative Pressure Reading with 1 psi max Pressure Device has provision for Automatic Damper Control	13	Sets
5.2	Laptop for simulation and Monitoring -Intel Core i7 9th gen, 16 GB RAM, 1 TB SSD, 6 GB NVIDIA Graphics, Card, 15.6 inches display, 1920x 1080 pixels, Windows 64 OS	1	Set
7	GRILLES, DIFFUSERS AND DUMPERS		
7.1	Exhaust Grilles -Galvanized Square Grilles complement ducting design (see attached design for more details)	1	Lot
7.2	Supply Diffusers -Galvanized Square Diffusers complement ducting design (see attached design for more details)		

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7.3	Dampers -Mechanical Dampers complementing ducting design (see attached design for more details) - Damper for the two supply main ducts is automatic with control from pressure devices			
8	ELECTRICAL WORKS			
8.1	Electrical Connection for Supply Units -Electrical Connection complementing Supply Air Handling Units	2	Sets	
8.2	Electrical Connection for Exhaust Units -Electrical Connection complementing Exhaust Air Handling Units	1	Set	
9	LABOR AND INSTALLATIONS			
9.1	Fabrication of Components -Fabrication of air handling components based on design and specifications	1	Lot	
9.2	Installation of Components -Installation of components based on design and specifications			
***** Nothing Follows*****				