

REPLACEMENT OF AIR CONDITIONING UNITS AND VENTILATION SYSTEM

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>REMOVALS</u>				
	<u>Preamble</u>				
	The work comprises the removals of existing air conditioning plant, motors, cables and accessories. All materials are to be carefully taken out and stored to the employer's yard as directed				
	<u>Service Room</u>				
A	Carefully remove the existing air conditioning plant complete with motors, distribution panel, cables, compressors and all accessories		Item		
	<u>Eastern Wing of Building</u>				
B	Carefully remove 8No. existing outdoor chiller unit plants complete with water pipe bases and cable connections		Item		
	<u>Air Handling Unit Room</u>				
C	Carefully remove existing 4No. Air Handling Units complete with wiring cables and control panels		Item		
	<u>Generally</u>				
D	Clean and repair any leakage on the existing ducts to receive new out door units using approved method (door units measured else where)		Item		
	<u>REMOVALS - TOTAL CARRIED TO SUMMARY</u>				
				K	

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>NEW WORKS</u>				
	<u>ELECTRICAL INSTALLATION</u>				
	<u>Distribution Board</u>				
A	Distribution Board, labelled 48 ways, flush mounted (size 750 x 550 x 250 x 0.8mm thick), hinged cover comprising:- 800A TP MCCB & N (incoming) 2No. 300A TP MCB 2No. 60A TP MCB 30No. 30A SP MCB 10No. 40A TP MCB 5No. BUS Bars Phase sequence Ammeter Voltmeter On/Off Indicator	1	No.		
	<u>Control Panel</u>				
B	Supply , install and set to work automatic control panel including conduits, conduit fittings, cabling, connection to the Distribution Board and the air Conditioning system comprising the following accessories: 1No. 300A TP MCB 1No. Contactor 300A, 415V 1No. 60A TP Timer Push button controls Indicators	2	No.		
	<u>Supply, install and set to work the Air Conditioning Units including all switches, conduits, conduit fittings, cable ductings, cables, refrigerant suctions and gas pipe, cable connections and all associated accessories including connecting to the Distribution Board</u>				
C	Dual system connection, "On duty" and standby" mode "Lennox" or other equal and approved roof top packaged outdoor air conditioning unit model No. 23LX0508, capacity 646,000 BTU/hr cooling 660,000 BTU/hr heating, 380v/3PH/50Hz, 190kw mounted on concrete base with mounting brackets, bolts, nuts complete with all necessary accessories	4	No.		
	To Collection				K

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUMMARY</u>		<u>PAGE</u>		
	REMOVALS		3/1	K	
	NEW WORKS		3/4	K	
	AIR CONDITIONING UNITS AND VENTILATION SYSTEM				
	<u>TOTAL - CARRIED TO GENERAL SUMMARY</u>			K	