

# ULUBERIA MUNICIPALITY

## ULUBERIA + HOWRAH

Memo No. UM/ .....

Date. ....

Name of the works = **Installation a Air Condition at Rabindra Bhava, Uluberia.  
Estimate prepare based on Mrket Price, excluding VAT & other taxes.**

### PRICE AND BILL OF MATERIAL

SL.NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT RATE	AMOUNT
	DESCRIPTION OF WORK AND PRICE				
	RABINDRA BHAWAN AUDITORIUM – EQUIPMENT AND INSTALLATION COST BREAK UP				
1.	Supply of Carrier make DUCTABLE Split air conditioner – 8.5 TR	Nos.	4	145000	580000
	Supply of Carrier make DUCTABLE Split air conditioner – 5.5 TR	Nos.	7	110000	770000
	Supply of Carrier make DUCTABLE Split air conditioner – 1.5 TR	Nos.	2	34000	68000
	<b>MACHINE TOTAL:</b>				
2.	Installation, testing commissioning of AC – 8.5 TR DUCTABLE	Nos.	4	10,000.00	40,000.00
	Installation, testing commissioning of AC – 8.5 TR DUCTABLE	Nos.	7	8,000.00	56,000.00
	Installation, testing commissioning of AC – 8.5 TR DUCTABLE	Nos.	2	4,000.00	8,000.00
3.	GSS Ducting -				
	a) 22G	Sq Ft.	400	75.00	30,000.00
	b) 24G	Sq Ft.	3600	68.00	244,800.00
	c) Ducting support with MS Rod & Angle from true ceiling.	Lot	1	45,000.00	45,000.00
4.	Thermal Insulation : Duct thermal insulation with 25mm. thick A1. foil faced glasswool	Sq Ft.	3000	62.00	186,000.00
5.	Acoustic insulation of Duct with 25mm thick resin bonded Rigid board & covered with 28G perforated A1. Sheet.	Sq Ft.	1000	68.00	68,000.00
6.	Aluminum powder coated air grilles for supply & return	Sq Ft.	145	690.00	100,050.00
7.	Canvas Connection	Nos.	22	600.00	13,200.00

8.	Copper refrigerant piping: a) For ductable ac's with Scoll comp. b) For Hiwall Units	R.Ft R.Ft.	550 30	330.00 200.00	181,500.00 6,000.00
9.	Electrical cabling (internal) between Indoor & Outdoor a) 6C/1.5 Sq. mm b) 3C/1.5 Sq. mm	R.Ft R.Ft.	550 30	140.00 200.00	77,000.00 6,000.00
10.	Drain Piping a) 25/32 mm thick Hard PVC	R.Ft	400	55.00	22,000.00
11.	Structure for placing of outdoor units. For 8.5 TR ductable For 5.5 TR ductable	Nos. Nos.	4 7	7,000.00 5,000.00	28,000.00 35,000.00
12.	Lifting & Fixing of outdoor/indoor/indoor units, minor civil works, including transportation of materials, labour & outstation charges.	Lot	1	110,000.00	110,000.00
13A	False ceiling for covering of indoor units to facilitate return air to machine	Sqft	2000	160.00	320,000.00
13B	Trap door facility with wooden palla below indoor units for servicing purpose	Nos.	13	10,000.00	130,000.00
13C	Cutting of wall & acoustic boards for inserting of air duct collars & fixing the wooden frame for fixing of air gralles and making good.	Lot	1	80,000.00	80,000.00
<b>Say Rs.32,04,550.00</b>					<b>32,04,550.00</b>