Project : Propopsed 2 Storey Advanced Manufacturing Center Location : General Santos Ave., Bicutan, Taguig City, Metero Manila

Subject : Mechanical Works Cost Date : Tuesday, 16 July 2019

MECHANICAL WORKS

ITEM NO	WORK DESCRIPTION	QTY	UNIT	ESTIMATED DIRECT COST	MARK UPS IN		TOTAL MARK UP		VAT	TOTAL	TOTAL COST	UNIT COST
				TOTAL	ОСМ	PROFIT	%	AMOUNT		INDIRECT COST		
1	MECHANICAL WORKS GF											
	1.1 Exhaust Air Line											
	a. Ducting Works incl. bending bending and consumables		m ²									
	b Back Draft Damper											
	b.1 150x150mm		sets									
	b.2 250x200mm		sets									
	c. Exhuast Air Grilles with Volume Damper											
	d.1 200x150mm		sets									
	d.2 300x250mm		sets									
	d. Equipment											
	e.1 Exhaust Fan Ceiling Mounted 75 lps; 50 esp; 48 watts		sets									
	e.2 Exhaust Fan Ceiling Mounted 175 lps; 60 esp; 98 watts		sets									
	1.2 Air Supply Line											
	a. Refigerant Line incl. fittings and consumables		lm									
	b. Condensate Line incl. fittings and consumables		lm									
	c. FCU Indoor Units											
	c.1 7.1 KW Cooling Capacity		sets									
	c.2 3.6 KW Cooling Capacity		sets									
	c.3 11.2 KW Cooling Capacity		sets									
	d. ACCU Outdoor Units											
	d.1 68 KW Cooling Capacity		sets									
	d.2 62.4 KW Cooling Capacity		sets									
	d.3 85 KW Cooling Capacity		sets									
	1.3 Compressed Air Supply Line											
	a. Compressed Air Line incl. fittings and consumables (25mm)		lm									
	b. Compressed Air Line incl. fittings and consumables (50mm)		lm									
	c. Valves and Accessories											
	c.1 20mm FRL		sets									
	d. Equipment											
	d.1 15 Hp Compressor		set									
	d.2 25 Hp Compressor		set	1								
	d.3 Air Receiver		set									
	d.4 Valves and Accessories		lot	1								
	d.5 Controllers		lot	1								
	d.6 Misc items		lot									
	1.4 Hanger Rod & Supports		lot	+								
	1.5 Testing & Commissioning		lot	+								
	1.5 results & continussioning		101	+			1		1	1		
	SUB TOTAL AMOUNT											
	JOD TOTAL AIRIOUNT											
II.	MECHANICAL WORKS 2ND FLOOR			+			1		1	1		
"	2.1 Exhaust Air Line			+			1		1	1		
	2.1 LANGUST AN LINE			+			1		1	1		
	a. Ducting Works incl. bending bending and consumables		m ²									
	b Back Draft Damper											
	b.1 150x150mm		sets									

b.2 250x200mm	sets				
c. Exhuast Air Grilles with Volume Damper					
d.1 200x150mm	sets				
d.2 300x250mm	sets				
d. Equipment					
e.1 Exhaust Fan Ceiling Mounted 75 lps; 50 esp; 48 watts	sets				
e.2 Exhaust Fan Ceiling Mounted 175 lps; 60 esp; 98 watts	sets				
2.2 Air Supply Line					
a. Refigerant Line incl. fittings and consumables	lm				
b. Condensate Line incl. fittings and consumables	lm				
c. FCU Indoor Units					
c.1 7.1 KW Cooling Capacity	sets				
c.2 11.2 KW Cooling Capacity	sets				
c.3 3.2 KW Cooling Capacity	sets				
c.4 5.42 KW Cooling Capacity	sets				
c.1 7.1 KW Cooling Capacity (Split)	sets				
d. ACCU Outdoor Units					
d.1 7.1 KW Cooling Capacity	sets				
d.2 55.9 KW Cooling Capacity	sets				
d.3 68 KW Cooling Capacity	sets				
d.4 85 KW Cooling Capacity	sets				
2.3 Compressed Air Supply Line					
a. Compressed Air Line incl. fittings and consumables (25mm)	lm				
b. Compressed Air Line incl. fittings and consumables (50mm)	lm				
c. Valves and Accessories					
c.1 20mm FRL	sets				
2.3 Hanger Rod & Supports	lot				
2.4 Testing & Commissioning	lot				
SUB TOTAL AMOUNT					
GRAND TOTAL AMOUNT					

Note

a. Unit Cost Derivation:

- General Contractor will procure all materials. Labor is sub - con.

b. Power Provision is provided by Electrical Contractor.

Prepared by: