

DETAILED ESTIMATES

ITEM NO. (1)	DESCRIPTION (2)	UNIT (3)	QTY (4)	UNIT PRICE		TOTAL UNIT PRICE (7)	AMOUNT (PESOS) (8)
				MATERIALS (5)	LABOR (6)		
I.	VERTICAL LAMINAR AIRFLOW HVAC SYSTEM FOR OPERATING THEATER						
	Ceiling Concealed AC Unit, Direct Expansion Type with complete accessories	units	2.00	95,000.00	85,500.00	190,000.00	275,500.00
	Centrifugal Fan, Cabinet type, Direct Drive	units	2.00	40,000.00	36,000.00	80,000.00	116,000.00
	Primary Filter 40% eff. - 300mm x 300mm x 25mm thk. (Washable Type with metal framing)	units	2.00	1,200.00	1,080.00	2,400.00	3,480.00
	Secondary Filter 85% eff. - 300mm x 300mm x 25mm thk. (Washable Type with metal framing)	units	2.00	6,000.00	5,400.00	12,000.00	17,400.00
	Filtration: Filter 99.97% @ 0.3 um, with variable speed controller	units	8.00	65,000.00	234,000.00	520,000.00	754,000.00
	Plenum Box	sets	2.00	50,000.00	45,000.00	100,000.00	145,000.00
	Spiral Duct 250mm Ø x 3m	lengths	12.00	4,500.00	24,300.00	54,000.00	78,300.00
	GI Sheet 4' x 8' ga.22	shts.	120.00	1,100.00	59,400.00	132,000.00	191,400.00
	GI Sheet 4' x 8' ga.24	shts.	400.00	1,000.00	180,000.00	400,000.00	580,000.00
	GI Sheet 4' x 8' ga.26	shts.	180.00	1,000.00	81,000.00	180,000.00	261,000.00
	Flexible Duct 300mm Ø	lengths	20.00	3,000.00	27,000.00	60,000.00	87,000.00
	Round Volume Damper 300mm Ø	pcs.	60.00	1,000.00	27,000.00	60,000.00	87,000.00
	Manual Volume Dampers	pcs.	80.00	2,500.00	90,000.00	200,000.00	290,000.00
	Flexible Canvass Connector 450mm Ø	pcs.	20.00	3,000.00	27,000.00	60,000.00	87,000.00
	Corner Angle	pcs.	2,000.00	50.00	45,000.00	100,000.00	145,000.00
	Aero Tape Duct Gasket 1" width	rolls	240.00	400.00	43,200.00	96,000.00	139,200.00
	Carriage Bolt 3/8" x 1" w/ hex. nut	pcs.	2,400.00	5.00	5,400.00	12,000.00	17,400.00
	Duct Tape 3" width	rolls	280.00	400.00	50,400.00	112,000.00	162,400.00
	PE Foam 1" thk w/ Aluminum Foil Back side	rolls	50.00	7,500.00	168,750.00	375,000.00	543,750.00
	Foster Duct Sealant	gals.	225.00	1,500.00	151,875.00	337,500.00	489,375.00
	Duct Adhesive	gals.	600.00	1,000.00	270,000.00	600,000.00	870,000.00
	Consumables	lot	1.00	50,000.00	22,500.00	50,000.00	72,500.00
	Angle Bar 2" x 2" x 3/16" thk. x 6m	lengths	48.00	1,000.00	21,600.00	48,000.00	69,600.00
	Angle Bar 1 1/2" x 1 1/2" x 3/16" thk. x 6m	lengths	80.00	800.00	28,800.00	64,000.00	92,800.00
	Flat Bar 1" x 1/8" thk. x 6m	lengths	140.00	500.00	31,500.00	70,000.00	101,500.00
	All Thread Rod 3/8" Ø	lengths	160.00	200.00	14,400.00	32,000.00	46,400.00
	Grip Anchor 3/8"Ø	pcs.	480.00	15.00	3,240.00	7,200.00	10,440.00
	Hexagonal Nut 3/8" Ø	pcs.	2,000.00	5.00	4,500.00	10,000.00	14,500.00
	Flat Washer 3/8" Ø	pcs.	2,000.00	5.00	4,500.00	10,000.00	14,500.00
	Cap Screw 3/8" Ø x 1"	pcs.	2,000.00	5.00	4,500.00	10,000.00	14,500.00
	Red Oxide Primer	gals.	16.00	1,000.00	7,200.00	16,000.00	23,200.00
	QDE Silver Gray	gals.	16.00	1,000.00	7,200.00	16,000.00	23,200.00
	Paint Thinner 4L	gals.	4.00	500.00	900.00	2,000.00	2,900.00
	Welding Rod #6011	box	24.00	200.00	2,160.00	4,800.00	6,960.00
	Grinding Disc 4"	pcs.	10.00	500.00	2,250.00	5,000.00	7,250.00
	Cutting Disc 14"	pcs.	10.00	200.00	900.00	2,000.00	2,900.00
	Masonry Bitt 3/8"	pcs.	8.00	200.00	720.00	1,600.00	2,320.00
	TOTAL			341,285.00	1,814,175.00	4,031,500.00	5,845,675.00
	TOTAL DIRECT COST						5,845,675.00
	OVERHEAD			4.00%			233,827.00
	CONTINGENCIES			3.00%			175,370.25
	MISCELLANEOUS			1.00%			58,456.75
	PROFIT			8.00%			467,654.00
	TAXES			5.00%			339,049.15
	TOTA INDIRECT COST						1,274,357.15
	TOTAL PROJECT COST						7,120,032.15

Amount in words: SEVEN MILLION ONE HUNDRED TWENTY THOUSAND THIRTY TWO PESOS & 15/100 ONLY

PREPARED BY:


 BRIGIDA PEREZ BUYCO, RCE
 Engineer II
 Engineering & Facilities Management

Checked by:


 GREZALDO B. BETITA, REE
 Engineer III
 OIC - Engineering & Facilities Management