



**BATAAN GENERAL HOSPITAL**  
Balanga City, Bataan



**BILL OF MATERIALS AND LABOR FOR THE  
INSTALLATION OF OXYGEN GAS PIPING SYSTEM**

**I DISMANTLING, CORING, CHIPPING AND RESTORATION WORKS**

Php

**II OXYGEN GAS PIPING SYSTEM**

**Pipes, Valves and Fittings**

50mmØ x 6M, hard drawn copper tube	pc.	29
40mmØ x 6M, hard drawn copper tube	pc.	11
30mmØ x 6M, hard drawn copper tube	pc.	13
25mmØ x 6M, hard drawn copper tube	pc.	49
20mmØ x 6M, hard drawn copper tube	pc.	61
15mmØ x 6M, hard drawn copper tube	pc.	108
50mmØ Elbow 90°, wrought copper	pc.	1
30mmØ Elbow 90°, wrought copper	pc.	4
25mmØ Elbow 90°, wrought copper	pc.	21
20mmØ Elbow 90°, wrought copper	pc.	31
15mmØ Elbow 90°, wrought copper	pc.	93
50mmØ Elbow 45°, wrought copper	pc.	1
50mmØ Tee, wrought copper	pc.	1
30mmØ Tee, wrought copper	pc.	4
25mmØ Tee, wrought copper	pc.	15
20mmØ Tee, wrought copper	pc.	105
15mmØ Tee, wrought copper	pc.	142
50mmØ x 25mmØ Tee reducer, wrought copper	pc.	1
40mmØ x 30mmØ Tee reducer, wrought copper	pc.	1
30mmØ x 25mmØ Tee reducer, wrought copper	pc.	4
25mmØ x 20mmØ Tee reducer, wrought copper	pc.	2
25mmØ x 15mmØ Tee reducer, wrought copper	pc.	17
20mmØ x 15mmØ Tee reducer, wrought copper	pc.	59
50mmØ x 40mmØ Coupling reducer, wrought copper	pc.	1
40mmØ x 25mmØ Coupling reducer, wrought copper	pc.	1
30mmØ x 25mmØ Coupling reducer, wrought copper	pc.	4
25mmØ x 20mmØ Coupling reducer, wrought copper	pc.	19
25mmØ x 15mmØ Coupling reducer, wrought copper	pc.	4
20mmØ x 15mmØ Coupling reducer, wrought copper	pc.	33
20mmØ End Cap, wrought copper	pc.	10

**Sub-Total**

**Outlets, Alarms and Zone Valves**

Service Valve 25mmØ, ceiling type	pc.	6
Isolation Valve Box	set	8
Area Alarm Panel	set	8
Oxygen Outlet, UL/FM	set	310

Emergency Low Pressure Oxygen Inlet	set	1	
			<b>Sub-Total</b>

#### Hangers and Supports

50mmØ U bolt with nut and washer	pc.	3	
40mmØ U bolt with nut and washer	pc.	3	
30mmØ U bolt with nut and washer	pc.	8	
25mmØ U bolt with nut and washer	pc.	56	
20mmØ U bolt with nut and washer	pc.	70	
15mmØ U bolt with nut and washer	pc.	95	
			<b>Sub-Total</b>

#### Other Materials

Flat Bar 1" x 1/8" thk	pc.	10	
Angle Bar 1 1/2" x 1 1/2" x 1/8" thk	pc.	6	
Expansion Bolt 12mmØ	pc.	300	
Expansion Bolt 10mmØ	pc.	300	
Welding filler rod, silver	pc.	10	
Oxygen	tank	10	
Acetylene	tank	5	
Sodium Bicarbonate	kg.	4	
Nitrogen	tank	80	
PVC 3" x 3m long	pc.	4	
PVC 2" x 3m long	pc.	3	
PVC 1" x 3m long	pc.	10	
Consumables	l.s.		
			<b>Sub-Total</b>

<b>Materials Cost</b>	<b>Php</b>	
<b>Labor Cost</b>	<b>Php</b>	
<b>Total Cost of Item</b>	<b>Php</b>	<hr/>

<b>III. SIGNAGES AND MARKINGS</b>	lot	Php
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<b>IV. MOBILIZATION/ DEMOBILIZATION</b>	lot	Php
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