



**YOLANDA DAVID-REYES**  
ARCHITECT

**TO : DR GRACE GARAYBLAS GONZAGA**  
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**Faculty of Medicine**  
**University of Santo Tomas**

**FROM : ARCHT. YOLANDA D. REYES**  
*YDR Design and Planning Consultants*

**PROJECT : PROPOSED USTH-CLINICAL SKILLS FACILITY (CSF)**

**DATE : May 17, 2007**

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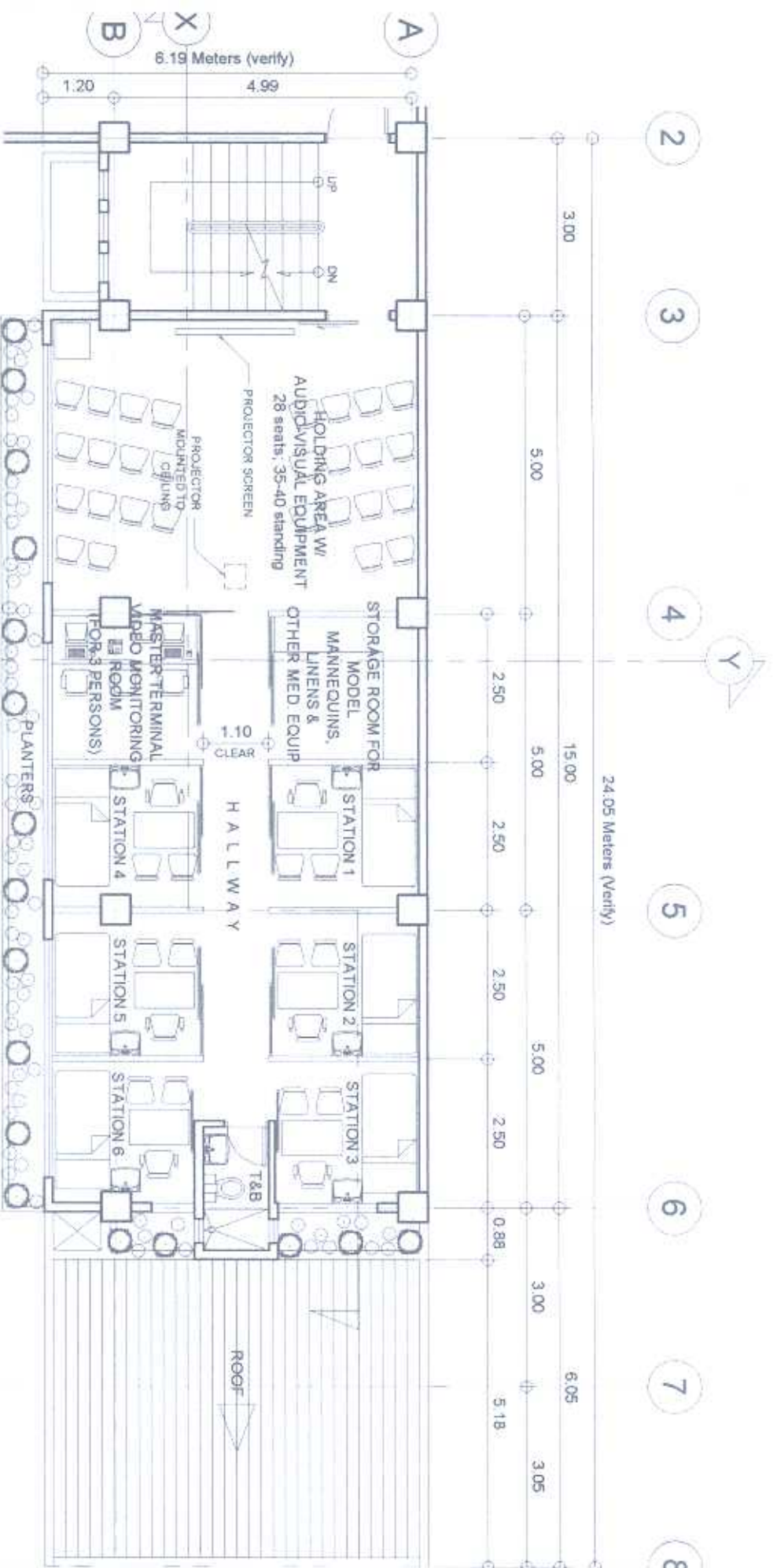
Transmitting herewith the following:

1 copy	-	Floor Plan
1 set	-	Perspectives
1 copy	-	Summary of Cost Estimates

Received by : *M. Garayblas-Gonzaga, MD*

Date : *18 May, 2007*

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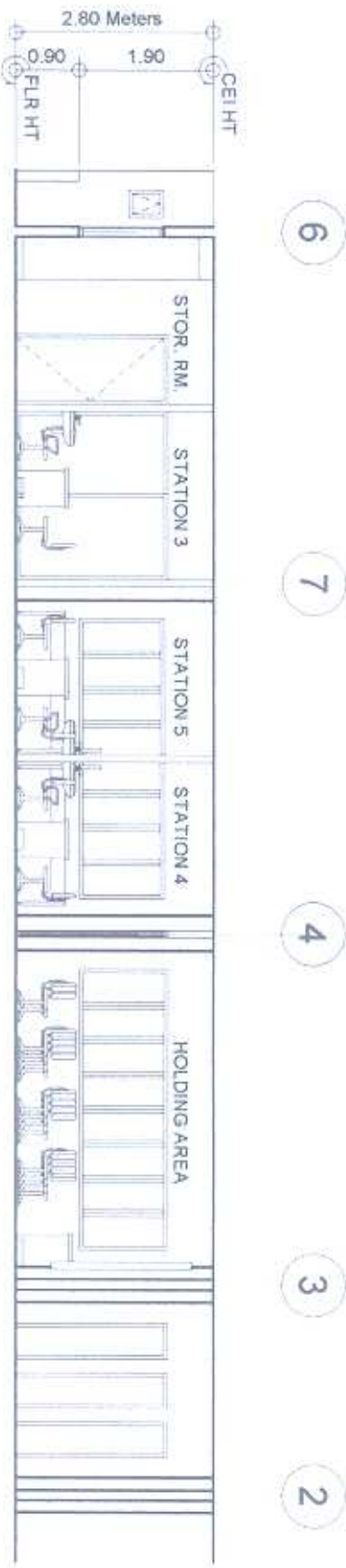


FLOOR PLAN  
SCALE 1:100 M

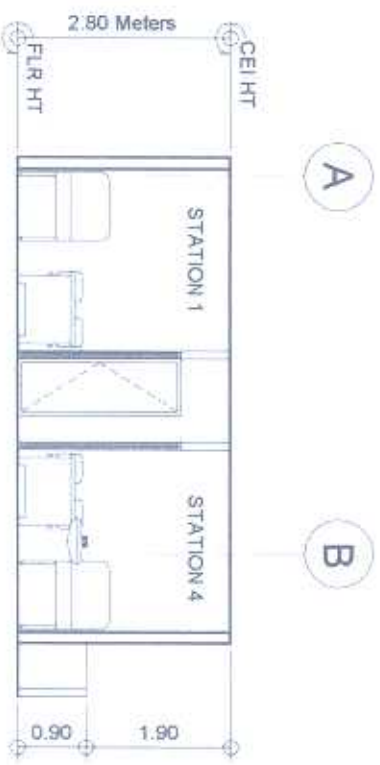
PROPOSED:  
**Clinical Skills Facility (CSF)**

Faculty of Medicine  
University of Santo Tomas  
España, Manila

**YDR Design and Planning Consultants**  
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LONGITUDINAL SECTION THRU 'X'  
SCALE 1:100 M



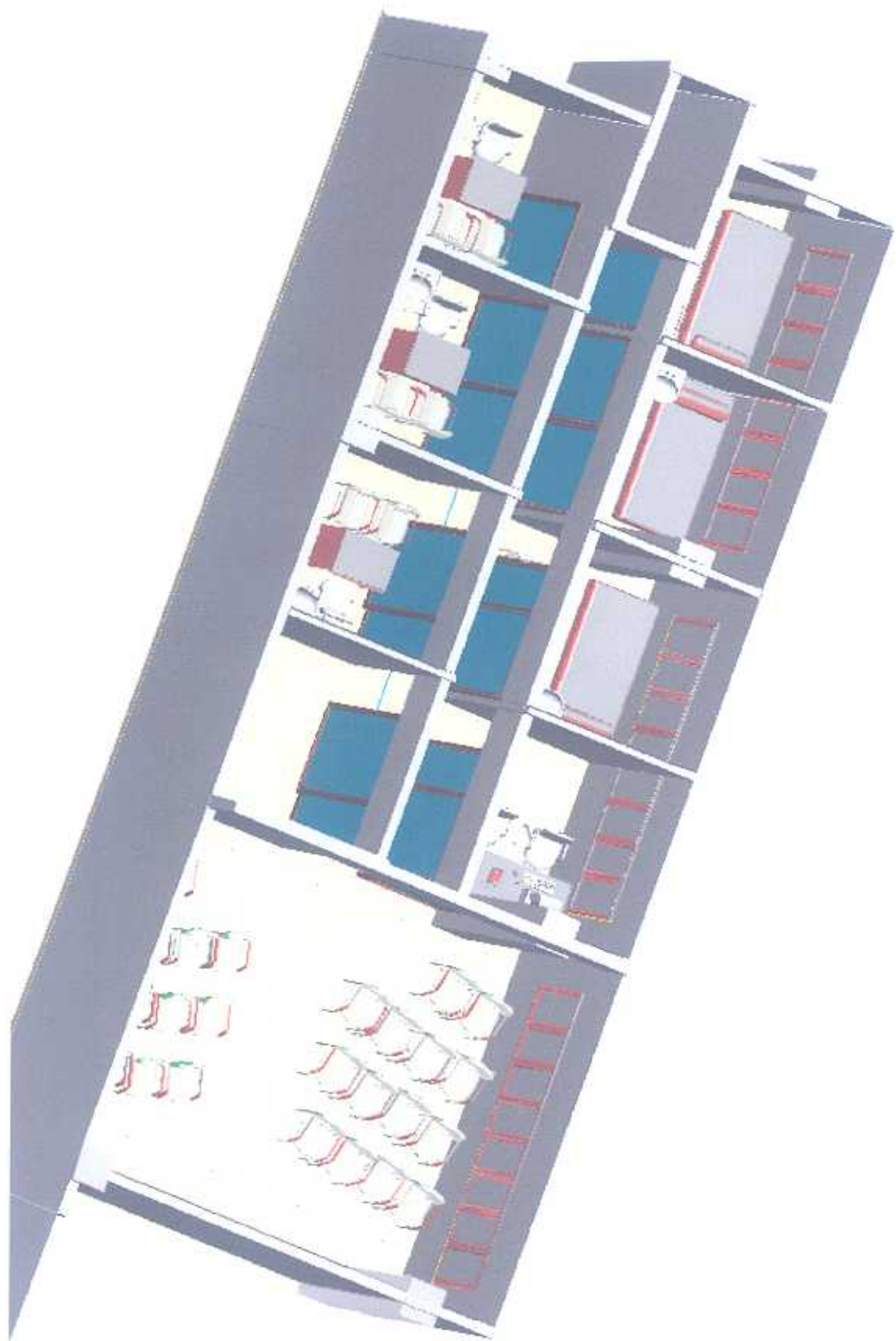
CROSS SECTION THRU 'Y'  
SCALE 1:100 M

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**SUMMARY OF COST ESTIMATE**

DESCRIPTION	TOTAL AMOUNT (Php)
1. General Requirements	67,250.00
2. Hauling Works	19,500.00
3. Roof Framing and Roofing Works	170,602.50
4. Masonry Works	128,402.49
5. Floor Finishes	119,809.40
6. Wall Finishes	213,209.35
7. Ceiling Finishes	85,746.30
8. Waterproofing Works	17,640.00
9. Doors, Windows and Glazing	207,675.85
10. Hardwares	33,875.26
11. Carpentry Works	86,700.57
12. Painting Works	222,135.60
13. Plumbing Works	129,306.63
14. Electrical Works	161,571.78
15. Mechanical Works	118,263.60
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<b>TOTAL DIRECT COST</b>	<b>1,781,689.31</b>
Contingency (7%)	124,718.25
Contractor's Profit / Mark-up (20%)	356,337.86
VAT (12%)	271,529.45
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<b>TOTAL PROJECT COST</b>	<b>2,534,274.87</b>
<b>OPTIONAL</b>	
16. Office Equipment and Furniture	732,000.00
16.1 Audio Visual Equipment, Projector (ceiling mounted) and Screen	300,000.00
16.2 Chairs (40 pcs), Executive Chairs (9 pcs) Beds (6 pcs) and Office Tables (6 pcs)	432,000.00
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<b>GRAND TOTAL</b>	<b>3,266,274.87</b>
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DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL AMOUNT (Php)
			MAT'L / EQPT (Php)	LABOR (Php)	
<b>1. General Requirements</b>					
1.1 Mobilization	lot	1			10,000.00
1.2 Permits and Licenses	lot	1			
1.2.1 Building Permit			(BY OWNERS)		
1.2.2 Sanitary Permit			(BY OWNERS)		
1.2.3 Electrical Permit			(BY OWNERS)		
1.2.4 Mechanical Permit			(BY OWNERS)		
1.2.5 Occupancy Permit			(BY OWNERS)		
1.3 Bonds and Insurances					
1.3.1 Comprehensive General Liability Insurance	lot	1			5,500.00
1.4 Temporary Power Connection and Consumption	lot	1			12,000.00
1.5 Temporary Water Connection and Consumption	lot	1			5,750.00
1.6 Worker's Barracks / Bunkhouse	lot	1			24,000.00
1.7 Demobilization, Clean up and Project Turn Over	lot	1			10,000.00
<b>Sub-total (Item No. 1)</b>					<b>67,250.00</b>
<b>2. Hauling Works</b>					
2.1 Hauling of construction materials and debris	lot	1	15,000.00	4,500.00	19,500.00
<b>Sub-total (Item No. 2)</b>					<b>19,500.00</b>
<b>3. Roof Framing and Roofing Works</b>					
3.1 Steel Roofing Framing and Pre-painted Roofing complete with accessories	m <sup>2</sup>	98.90	1,500.00	225.00	170,602.50
<b>Sub-total (Item No. 3)</b>					<b>170,602.50</b>
<b>4. Masonry Works</b>					
4.1 Concrete Hollow Blocks Wall including mortar fillers, rebar, etc.					
4.1.1 150 mm CHB	m <sup>2</sup>	202.46	457.96	149.50	122,986.96
4.1.2 100 mm CHB	m <sup>2</sup>	10.15	395.55	136.00	5,415.53
<b>Sub-total (Item No. 4)</b>					<b>128,402.49</b>
<b>5. Floor Finishes</b>					
5.1 Floor Topping	m <sup>2</sup>	97.50	104.38	72.00	17,197.05
5.2 400 mm x 400 mm Floor Tiles	m <sup>2</sup>	97.50	793.75	250.00	101,765.63
5.3 200 mm x 200 mm Ceramic Floor Tiles	m <sup>2</sup>	2.88	44.00	250.00	846.72
<b>Sub-total (Item No. 5)</b>					<b>119,809.40</b>
<b>6. Wall Finishes</b>					
6.1 Plastering Works	m <sup>2</sup>	425.22	75.00	138.00	90,571.86
6.2 12 mm thk. Double Wall Gypsum Board Partition on	m <sup>2</sup>	111.60	802.87	207.00	112,701.49

DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL AMOUNT (Php)
			MAT'L / EQPT (Php)	LABOR (Php)	
Metal Stud Ga. 24 with 2 - 50 mm thk					
Fiberglass Insulation					
6.3 200 mm x 300 mm Ceramic Wall Tiles	m <sup>2</sup>	14.40	440.00	250.00	9,936.00
<b>Sub-total (Item No. 6)</b>					<b>213,209.35</b>
<b>7. Ceiling Finishes</b>					
7.1 16 mm thk Gypsum Board on Ga. 26 Metal	m <sup>2</sup>	98.90	660.00	207.00	85,746.30
Furring with Fiberglass Insulation Backing					
<b>Sub-total (Item No. 7)</b>					<b>85,746.30</b>
<b>8. Waterproofing Works</b>					
8.1 Waterproofing	m <sup>2</sup>	36.75	480.00		17,640.00
<b>Sub-total (Item No. 8)</b>					<b>17,640.00</b>
<b>9. Doors, Windows and Glazing</b>					
9.1 Doors					
Complete with jambs, tracks and other accessories					
9.1.1 Entrance Sliding Door	unit	1	13,650.00	1,569.75	15,219.75
9.1.2 Sliding Door, Station Rooms	unit	8	8,550.00	1,966.50	84,132.00
9.1.3 Flush Door with Louver at Toilet	unit	1	4,700.00	1,081.00	5,781.00
9.2 Windows					
9.2.1 1.20 x 4.00 m Window	unit	3	26,368.46	6,064.75	97,299.62
9.2.2 0.40 x 0.50 m Window	unit	2	1,098.69	252.70	2,702.78
9.3 Glazing					
9.3.1 0.60 x 1.20 x 6 mm thk Facial Mirror with 6 mm thk Plywood Backing	unit	1	2,065.61	475.09	2,540.70
<b>Sub-total (Item No. 9)</b>					<b>207,675.85</b>
<b>10. Hardwares</b>					
10.1 Sliding Door Lockset	set	8	3,500.00	402.50	31,220.00
10.2 Stanley 3½" x 3½" LPBH Hinges	pairs	2	350.00	120.75	941.50
10.3 Lockset (Schlage / Yale)	set	1	1,537.00	176.76	1,713.76
<b>Sub-total (Item No. 10)</b>					<b>33,875.26</b>
<b>11. Carpentry Works</b>					
11.1 25 mm x 150 mm Baseboard	l.m.	115.00	130.79	45.12	20,229.94
11.2 25 mm x 100 mm Fiberized Cornice	l.m.	130.20	143.60	49.54	25,147.09
11.3 1½" x 2" Tanguile Wood Moulding	l.m.	7.20	87.20	30.08	844.42
11.4 Storage Cabinet	lot	1	30,096.00	10,383.12	40,479.12
<b>Sub-total (Item No. 11)</b>					<b>86,700.57</b>

DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL AMOUNT (Php)
			MAT'L / EQPT (Php)	LABOR (Php)	
<b>12. Painting Works</b>					
12.1 Wall	m <sup>2</sup>	425.22	180.00		76,539.60
12.2 Ceiling	m <sup>2</sup>	98.90	200.00		19,780.00
12.3 Baseboard, Cornice & Moulding	l.m.	252.40	180.00		45,432.00
12.4 Doors	m <sup>2</sup>	41.76	1,200.00		50,112.00
12.5 Cabinet	lot	1	30,272.00		30,272.00
<b>Sub-total (Item No. 12)</b>					<b>222,135.60</b>
<b>13. Plumbing Works</b>					
13.1 Sewer / Sanitary Lines	lot	1	9,850.00	3,398.25	13,248.25
13.2 Water Lines	lot	1	14,775.00	5,097.38	19,872.38
<b>13.3 Plumbing Fixtures</b>					
13.3.1 Water Closet	unit	1	8,500.00	1,955.00	10,455.00
13.3.2 Lavatory	unit	7	9,500.00	2,185.00	81,795.00
13.3.3 Shower Head with Valve	unit	1	3,200.00	736.00	3,936.00
<b>Sub-total (Item No. 13)</b>					<b>129,306.63</b>
<b>14. Electrical Works</b>					
14.1 Roughing-ins	lot	1	31,520.00	10,874.40	42,394.40
14.2 Wires and Cables	lot	1	34,475.00	11,893.88	46,368.88
14.3 Panel Boards and Circuit Breakers	lot	1	14,775.00	5,097.38	19,872.38
14.4 Auxiliary Lines	lot	1	7,387.50	1,699.13	9,086.63
14.5 Lighting Fixtures and Devices	lot	1	35,850.00	8,199.50	43,849.50
<b>Sub-total (Item No. 14)</b>					<b>161,571.78</b>
<b>15. Mechanical Works</b>					
15.1 Air Conditioning Systems	lot	1	93,860.00	24,403.60	118,263.60
<b>Sub-total (Item No. 15)</b>					<b>118,263.60</b>
<b>TOTAL DIRECT COST</b>					<b>1,781,689.31</b>

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