



CAMPUS PLANNING, DEVELOPMENT & MAINTENANCE OFFICE  
**UNIVERSITY OF THE PHILIPPINES MANILA**  
*The Health Sciences Center*  
P. Faura Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 526-8420



## BILL OF QUANTITIES - BID PROPOSAL FORM

PROJECT TITLE : **PROPOSED OFFICE FOR DISASTER SIMULATION CENTER**  
2nd Floor, Joaquin Gonzales Compound  
University of the Philippines

NAME OF BIDDER : \_\_\_\_\_

ADDRESS : \_\_\_\_\_

CONTACT NO(S). : \_\_\_\_\_

TOTAL LUMP SUM BID : \_\_\_\_\_ **Php** \_\_\_\_\_

ITEM	QTY.	UNIT(S)	DESCRIPTION(S)	UNIT COST	TOTAL COST
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### 1.00 GEN. REQ'Ts. / SITEWORKS

#### Mobilization/Demobilization

1.00	lot	Mobilization & Demobilization	Php	_____	Php	_____
1.00	lot	Haul Debris/Excess Materials		_____		_____

#### Demolition Works

1.00	lot	Dismantling of existing entrance door, ceiling, concrete ledge, and floor vinyl tiles		_____		_____
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#### Temporary Facilities

1.00	lot	Scaffolding, boards ups, canvass/temporary covering and safety signages		_____		_____
1.00	lot	Electrical and water consumption during construction		_____		_____

#### Construction Permit

1.00	lot	Building Permit		_____		_____
1.00	lot	As-Built Plans		_____		_____
1.00	lot	Occupancy Permit and required inspections by Gov't Agencies		_____		_____
1.00	lot	CARI (Contractors All Risk Insurance)		_____		_____

**Total General Requirements Cost** **Php** \_\_\_\_\_

### 2.00 ARCHITECTURAL WORKS

#### Tile Works

147.00	sq.m	(FF-1 ) 500mm X 500mm Carpet Tile (Vinyl Type) Floor finishes to include necessary adhesive, grout, and other preparation ready to receive floor finish	Php	_____	Php	_____
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#### Partitioning Works

105.00	sq.m	(WF-1 ) 12mm thk. Gypsum board (both faced) on 2" x 3" Galvanized Iron Framing		_____		_____
3.69	sq.m	(WF-3 ) 2" x 2" Kiln Dried Wood (Diagonal Accent Wall)		_____		_____

#### Ceiling Works

135.10	sq.m	(CF-1) 12mm thk. Gypsum Board ceiling on Metal framing system with standard fastening and framings		_____		_____
12.90	sq.m	(CF-2) 600 x 600mm Acoustic Board, 25mm thk. Pinhole or Fine Fissured, Semi concealed on metal framing system		_____		_____

#### Carpentry Works

1.00	set	Reception Counter 3/4" thk. Plyboard with accessories such as hinges, drawer handles, lock and necessary metal works in white duco paint finish (refer to details)		_____		_____
1.00	set	Cabinet for Emergo Area		_____		_____

4.00	sets	3/4" thk. Plyboard in white semi-duco paint finish (see details) Cabinet for XVR Room 4 & 5, Briefing/Defriefing room		
1.00	set	3/4" thk. Plyboard in white semi-duco paint finish (refer to details) Cabinet for Storage room		
3.00	sets	3/4" thk. Plyboard with accessories such as concealed hinges, handles, and necessary metal works in white semi-duco paint finish (refer to details) Cabinet for XVR Room 1, 2, & 3		
1.00	set	3/4" thk. Plyboard in white semi-duco paint finish (refer to details) Cabinet for Director's room		
1.00	set	3/4" thk. Plyboard with accessories such as concealed hinges, handles, and necessary metal works in white semi-duco paint finish (refer to details) Bench for Waiting Room		
		3/4" thk. Plyboard framed on 2" x 2" Luan Wood in white duco paint finish (refer to details)		

#### Doors and Windows Works

94.15	sq.ft.	D1 - Combination of Sliding Door & Fixed Window 6mm thk. Clear glass on Aluminum powder coated frame	PhP	PhP
36.10	sq.ft.	D2 - Double Frame Panel Glass Swing Door 10mm thk. tempered Clear glass on powder coated frame (refer to details)		
1.00	set	D3 - Single Panel Fire Rated Flush Swing Type Door (refer to details)		
53.00	sq.ft.	D4 - Combination of Sliding Door & Fixed Window 6mm thk. Tempered Clear glass on Aluminum powder coated frame		
40.00	sq.ft.	D5 - Combination of Sliding Door & Fixed Window 6mm thk. Tempered Clear glass on Aluminum powder coated frame		
108.00	sq.ft.	D6 - Combination of Sliding Door & Fixed Window 6mm thk. Tempered Clear glass on Aluminum powder coated frame		
83.00	sq.ft.	D7 - Combination of Sliding Door & Fixed Window 6mm thk. Tempered Clear glass on Aluminum powder coated frame		
51.00	sq.ft.	D8 - Combination of Sliding Door & Fixed Window 6mm thk. Tempered Clear glass on Aluminum powder coated frame		
68.00	sq.ft.	D9 - Combination of Sliding Door & Fixed Window 6mm thk. Tempered Clear glass on Aluminum powder coated frame		
48.00	sq.ft.	D10 - Combination of Swing Door & Fixed Window 6mm thk. Tempered Clear glass on Aluminum powder coated frame		
159.00	sq.ft.	W1 - Casement Type Window with Transom 6mm thk. Tempered Clear glass on Aluminum powder coated frame with Grilles (refer to details)		
35.00	sq.ft.	W2 - Casement Type Window with Transom 6mm thk. Tempered Clear glass on Aluminum powder coated frame with Grilles (refer to details)		
108.00	sq.ft.	W3 - Fixed Window 6mm thk. Tempered Clear glass on Aluminum powder coated frame		

#### Painting Works

105.00	sq.m.	Wall Preparation	PhP	PhP
105.00	sq.m.	Semi-gloss paint finish (drywall partition)		
135.10	sq.m.	Flat Latex (ceiling)		
142.00	sq.m.	Semi-gloss paint finish (repainting on existing concrete wall)		

#### Metal Works

1.00	lot	Replacement of existing fire Escape Platform / Landing (refer to existing materials)	PhP	PhP
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#### Total Architectural Works

Material Cost	
Labor Cost	@
Sub-Direct Cost	PhP

### 3.00 ELECTRICAL WORKS

#### POWER AND LIGHTING SYSTEM

##### Roughing-Ins

420	lgth	15 mmø EMT (Panasonic)	PhP	PhP
962	prs	15 mmø Locknut & Bushing		
456	pcs	15 mmø Coupling		

962	pcs	15 mmø Connector
36	pcs	15 mmø Elbow
43	lgth	20 mmø EMT (Panasonic)
38	prs	20 mmø L & B
43	pcs	20 mmø Coupling
38	pcs	20 mmø Connector
12	pcs	20 mmø Elbow
85	pcs	2" x 4" Utility Box D.T.
354	pcs	4" x 4" Junction Box D.T.
35	pcs	4" x 4" Square Box D.T.
101	lm	15 mmø Flexible Conduit
101	pcs	15 mmø Angle Connector
101	pcs	15 mmø Straight Connector
6	pcs	6" x 6" Pullbox
1	lot	Miscellaneous Materials
1	lot	Chipping/Coring Works/Restoration
770	pcs	15 mmø C-clamp

**Sub-total Power & Lighting System**

Php

**WIRE AND CABLES**

685	lm	5.5mm² THHN
3,260	lm	3.5mm² THHN

PhP

PhP

**Sub-total Wire and Cables**

Php

**WIRING DEVICES**

20	sets	S1 - single switch Wide series
20	sets	Single Conv. Outlet (Multipurpose/Universal grounding type)
38	sets	Duplex Conv. Outlet (Multipurpose/Universal grounding type)

**Sub-total Wiring Devices**

**LIGHTING FIXTURES**

16	sets	1X14Watts E27 LED Recessed Gimbal Downlight
64	sets	3X14Watts E27 LED Recessed Gimbal Downlight
6	sets	1x28Watts T5 Slim Box Type (Covelights)
6	sets	60x60x40watts LED Panel Light
60	m	led strip lights
15	sets	4 hours backup for Emergency Lights
2	sets	Exit Lights

PhP

PhP

**Sub-total Lighting Fixtures**

**FIRE DETECTION ALARM SYSTEM**

40	lgth	15 mmø EMT
36	prs	15 mmø Locknut & Bushing
46	pcs	15 mmø Coupling
36	pcs	15 mmø Connector
7	pcs	15 mmø Elbow
1	pcs	2" x 4" Utility Box D.T.
18	pcs	4" x 4" Junction Box D.T.
1	pcs	4" x 4" Square Box D.T.
255	lm	1.25mm2THHN
17	pcs	Conventional Smoke Detector
1	assy	SFP-2402E 2 Zone Alarm Panel "Notifier"
1	pcs	6" x 6" Pullbox
1	lot	Miscellaneous materials

PhP

PhP

**Sub-total Fire Detection Alarm System**

Php

**STRUCTURED CABLING (Data Network)**

116	lgth	20 mmø PVC Pipe
24	pcs	20 mmø Adapter
24	pcs	20 mmø Locknut and Bushing
11	pcs	2" x 4" Utility Box D.T.
11	pcs	4" x 4" Junction Box D.T.
1	pcs	4" x 4" Square Box D.T.

PhP

PhP

1	lot	Miscellaneous materials (Pls. Specify & Attached Breakdown)		
878	lm	<b>Cables</b>		
22	units	4 prs. Cat.6,Unshielded Twisted Pair (UTP) Cable		
11	units	Stranded UTP Patch Cord w/ boots, Cat.6-2.1m (Patch Panel)		
		Stranded UTP Patch Cord w/ boots, Cat.6-3 m (Work Area)		
11	units	<b>Devices</b>		
11	pcs	Keystone Face Plate, 2 ports		
2	pcs	Cat.6 Information Outlet (Floor Mounted) w/ 2 ports		
		UPS 2KVA tower type		
1	set	4ft front cable vertical wire manager,vertical, 7 power socket, with 2-exhaust fan,detachable side/back panels,vertical cable organizer,mounting screw complete with glass front panel		
1	unit	24 Ports Patch Panel CAT6, 1RU		
1	sets	Patch Cord Minder w/ cover, 2RU		
1	unit	48 ports Managed Data Switch "HP"		
3	unit	Wi fi		
1	pcs	<b>Telephone System</b>		
1	pcs	Main unit Digital PABX		
1	pcs	Expansion card		
1	pcs	Proprietary phone		
12	pcs	Telephone unit		
2	pcs	Battery back up		
1	pcs	Battery cable		
1	set	TTC-Telephone cabinet		
1	lot	Testing and Commissioning		

**Sub-total Structured Cabling (Data Network)**

Php \_\_\_\_\_

**CCTV ROUGHING-INS & INSTALLATION**

142	lght	15 mmø PVC pipe	PhP _____	PhP _____
36	pcs	15 mmø Adapter		
36	pcs	15 mmø locknut		
18	pcs	4" x 4" junction box D.T.		
452	lm	CAT-6 (OSM)		
1	lot	Miscellaneous materials		
16	pcs	CAMERA		
1	pcs	POE		
1	pcs	NVR		
4	pcs	HDD		
1	pcs	MONITOR		
1	pcs	UPS		
1	lot	Chipping/Coring Works/Restoration		
1	pcs	6"x6"Pullbox		

**Sub-total CCTV Roughing-ins & Installation**

Php \_\_\_\_\_

**FEEDER LINES**

**Roughing-Ins**

24	lgth	32 mmø IMC	PhP _____	PhP _____
6	prs	32 mmø L & B		
10	pcs	32 mmø coupling		
1	lot	Miscellaneous materials		
1	pcs	6"x6"Pullbox		

**Wires and Cables**

210	lm	30mm² THHN		
70	lm	8.0mm² THHN (Original Quote)		

**For Panelboards**

1	pcs	MDP	PhP _____	PhP _____
10	pcs	Nema Enclosure for aircon		
58	pcs	3.5 mm² THHN		
20	pcs	5.5 mm² THHN		
2	pcs	5.5 mm² THHN		
6	pcs	5.5 mm² THHN		

**Testing & Commissioning**

1.00	LOT		PhP _____	PhP _____
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**Sub-total Feeder Lines**

**Total Electrical Works**

Php \_\_\_\_\_

Material Cost

Labor Cost

**Sub-Direct Cost**

@ \_\_\_\_\_  
Php \_\_\_\_\_

**4.00 MECHANICAL WORKS**

**4.1. SUPPLY AND INSTALLATION OF AIRCONDITIONING UNIT**

2.00	sets	2.5 HP Koppel ( <i>super inverter</i> ) or as approved equal
10.00	ft.	with excess of 10 ft.
2.00	sets	2.0 HP Koppel ( <i>super inverter</i> ) or as approved equal
32.00	ft.	with excess of 10 ft.
4.00	sets	1.5 HP Koppel ( <i>super inverter</i> ) or as approved equal
10.00	ft.	with excess of 10 ft.
2.00	sets	1.0 HP Koppel ( <i>super inverter</i> ) or as approved equal
28.00	ft.	with excess of 10 ft.
2.00	sets	12" Wall Mounted Exhaust Fan

**Total Mechanical Works**

Material Cost  
Labor Cost  
**Sub-Direct Cost**

PhP		PhP	
@		Php	

**SUMMARY**

1.00 GEN. REQ'Ts. / SITEWORKS  
3.00 ARCHITECTURAL WORKS  
3.00 ELECTRICAL WORKS  
4.00 MECHANICAL WORKS

**Total Materials and Labor Cost**  
Overhead Cost  
VAT  
**TOTAL CONTRACT COST**

		PhP	
@		PhP	
@	12.0%		
		PhP	

Signature over Printed Name & Position/Designation

Date