



Section VIII. Bill of Quantities

WEST VISAYAS STATE UNIVERSITY MEDICAL CENTER

E. Lopez St., Jaro, Iloilo City

"PhilHealth Accredited Health Care Provider"

Tel No.: (033) 320 2431 | Fax No.: (033) 3202623 | Email Address: medcenter@wvsu.edu.ph



BILL OF QUANTITIES

Project Title: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, FUNCTIONAL/OPERATIONAL TESTING OF FIRE DETECTION & ALARM SYSTEM (FDAS) and SMOKE CONTROL SYSTEM

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

ITEM/SCOPE OF WORK	QTY/UNIT	UNIT COST		TOTAL COST
		In Words	In Figures	
Electrical Rough-ins, Raceways, wirings, Installation of Blowers, FDAS Devices; functional and acceptance test.				
0.0 -				
1.10 Panel Controller, ENGLISH (Fire Alarm Control Panel)	1.00 pc			-
1.20 Address card, 1024 points	1.00 pc			-
1.30 Housing 6 module slots, Wall-mount	1.00 pc			-
1.40 Power supply housing, Large, Wall-mount	2.00 pc			-
1.50 Panel Rail, small	1.00 pc			-
1.60 Panel Rail, Large	1.00 pc			-
1.70 Cable set, Battery Controller module to battery	4.00 pc			-
1.80 Power supply unit, 24V	2.00 pc			-
1.90 Power supply bracket	2.00 pc			-
1.10 Batteries (12V), each 24 Ah	8.00 pc			-
1.11 Battery Controller	2.00 pc			-
1.12 Signal Processing Unit, Standard Performance	4.00 pc			-
1.13 Thermal/Heat Detector	8.00 pc			-
1.14 Optical Smoke Detector (SD)	523.00 pc			-
1.15 Smoke Detector Base,	531.00 pc			-
1.16 Zone Addressable Module (ZAM)	6.00 pc			-
1.17 Bell Large Housing, Double action, Indoor, Red	64.00 pc			-
1.18 Accessory, Spare Glass	4.00 pc			-
1.19 Accessory, key	12.00 pc			-

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Cert. No. 4311 (2012) Provider in Equipment
Maintenance and Reliability Testing

1.20	Inputs and Outputs, 2 monitored inputs, In-built	13.00	pc			
1.21	Inputs and Outputs, 2 monitored inputs and 2 relay outputs, Surface-mount	2.00	pc			
1.22	For conventional devices, 2 primary lines, Surface-mount	6.00	pc			
1.23	For conventional signaling devices, 1 supervised output line, Surface-mount	19.00	pc			
1.24	Horn/Strobe	64.00	pc			
1.25	Manual call point large housing, double action, indoor, red	64.00	pc			
1.26	Power Supply	3.00	pc			
1.27	Standby Battery, Sealed Type, Lead Acid, 12V, 7.2Ah	6.00	pc			
1.28	Master Panel 16 switches/input	1.00	pc			
1.29	Control Wires Twisted TF & Conduits (EMT)	1.00	lot			
1.30	Master Fire Phone Assembly, MP's	1.00	pc			
1.31	Standby Battery, Sealed Type, Lead Acid, 12V, 7.2Ah-	2.00	pc			
1.32	Distributed Panel, 4 Fireman Phone Circuit	1.00	pc			
1.33	Fire Phone Interface	3.00	pc			
1.34	Fire Phone Output Adapter	3.00	pc			
1.35	E Amplifier 25W L/Cab Charcoal Grey	1.00	pc			
1.36	Transformer for 25W Amplifier	1.00	pc			
1.37	Standby Battery, Sealed Type, Lead Acid, 12V, 7.2Ah	2.00	pc			
1.38	Telephone Jack	20.00	pc			
1.39	Portable Handset	1.00	pc			
1.40	Terminal Cabinet	1.00	pc			
	2.0 Smoke Control System					
2.10	Main Building Ground Floor Blower 20,000CFM, 15HP	2.00	unit			
2.20	Main Building 2nd Floor Blower 12,750CFM, 10HP	2.00	unit			
2.30	ER Complex Ground Floor Blower 12,000CFM, 7.5HP	2.00	unit			

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2.40	ER Complex 2nd Floor Blower 12,000CFM, 7.5HP	2.00	unit			
2.50	Out Patient Dept. Complex Ground Floor 12,000CFM, 7.5HP	2.00	unit			
2.60	Out Patient Dept. Complex 2nd Floor 12,750CFM, 10HP	2.00	unit			
2.70	Out Patient Dept. Complex 3RD Floor 14,000CFM, 10HP	2.00	unit			
2.80	Out Patient Dept. Complex 4th Floor 14,000CFM, 10HP	2.00	unit			
2.90	Out Patient Dept. Complex 5th Floor 14,000CFM, 10HP	2.00	unit			
3.00	Blower Controller w/ signal from FDAS and w/ manual override	18.00	assy			
3.10	Blower Manual Pull Switch incase of Fire (Manual Override)	18.00	pc			
3.20	Control Wires Twisted TF & Conduits (EMT)	1.00	lot			
3.30	Power Wires 8.0 sq mm & Conduits (EMT)	1.00	lot			
3.40	Blower Controller	1.00	lot			
	SUB-TOTAL					
	MATERIAL COST					
	LABOR COST					
	EQUIPMENT RENTAL					
	OTHER DIRECT COST					
	Total Bid Price in Figures					
	Total Bid Price in Words					

Submitted by:

Name and Signature of Bidder/Bidder's
Representative

Position

Name of Bidder

Address

Date



Project Title: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, FUNCTIONAL/OPERATIONAL TESTING OF FIRE DETECTION & ALARM SYSTEM (FDAS) and SMOKE CONTROL SYSTEM

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

Note: Absence of these documents in the Financial Envelope shall disqualify the bidder

**FOR LABOR RATES & EQUIPMENT RENTAL
(This should be completely filled-up and part of Financial Proposal)**

SCOPE OF WORK/MATERIALS	Unit Cost	REMARKS
Electrical Rough-ins, Raceways, wirings, Installation of Blowers, FDAS Devices; functional and acceptance test.		
Panel Controller, ENGLISH (Fire Alarm Control Panel)		
Address card, 1024 points		
Housing 6 module slots, Wall-mount		
Power supply housing, Large, Wall-mount		
Panel Rail, small		
Panel Rail, Large		
Cable set, Battery Controller module to battery		
Power supply unit, 24V		
Power supply bracket		
Batteries (12V), each 24 Ah		
Battery Controller		
Signal Processing Unit, Standard Performance		
Thermal/Heat Detector		
Optical Smoke Detector (SD)		
Smoke Detector Base,		
Zone Addressable Module (ZAM)		
Bell Large Housing, Double action, Indoor, Red		
Accessory, Spare Glass		
Accessorry, key		
Inputs and Outputs, 2 monitored inputs, In-built		
Inputs and Outputs, 2 monitored inputs and 2 relay outputs, Surface-mount		
For conventional devices, 2 primary lines, Surface-mount		
For conventional signaling devices, 1 supervised output line, Surface-mount		
Horn/Strobe		
Manual call point large housing, double action, indoor, red		
Power Supply		
Standby Battery, Sealed Type, Lead Acid, 12V, 7.2Ah		
Master Panel 16 switches/input		
Control Wires Twisted TF & Conduits (EMT)		
Master Fire Phone Assembly, MP's		
Standby Battery, Sealed Type, Lead Acid, 12V, 7.2Ah-		
Distibuted Panel, 4 Fireman Phone Circuit		
Fire Phone Interface		
Fire Phone Output Adapter		



Project Title: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, FUNCTIONAL/OPERATIONAL TESTING OF FIRE DETECTION & ALARM SYSTEM (FDAS) and SMOKE CONTROL SYSTEM

Location: **WVSU Medical Center, E. Lopez St, Jaro, Iloilo City**

Note: Absence of these documents in the Financial Envelope shall disqualify the bidder

FOR LABOR RATES & EQUIPMENT RENTAL

(This should be completely filled-up and part of Financial Proposal)

E Amplifier 25W L/Cab Charcoal Grey		
Transformer for 25W Amplifier		
Standby Battery, Sealed Type, Lead Acid, 12V, 7.2Ah		
Telephone Jack		
Portable Handset		
Terminal Cabinet		
2.0 Smoke Control System		
Blower Controller		
	0	
	0	
	0	
	MAN DAYS COST/DAY	REMARKS "COMPLY"
1 1-Site Engineer		
2 1-Site Foreman		
3 1-Electricians		
4 6-Laborer		

Note: Provide additional sheets if needed

Submitted by:

Name of the Representative of the Bidder

Position

Name of the Bidder



Project Title: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, FUNCTIONAL/OPERATIONAL TESTING OF FIRE DETECTION & ALARM SYSTEM (FDAS) and SMOKE CONTROL SYSTEM

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

Note: Absence of these documents in the Financial Envelope shall disqualify the bidder

MATERIALS SUMMARY SHEETS

(This should be completely filled-up and part of Financial Proposal)

Table with 4 columns: SCOPE OF WORK/MATERIALS, Unit Cost, SPECIFICATION/BRAND, REMARKS "COMPLY". Rows include items like Electrical Rough-ins, Panel Controller, Batteries, Smoke Detectors, etc.



Project Title: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, FUNCTIONAL/OPERATIONAL TESTING OF FIRE DETECTION & ALARM SYSTEM (FDAS) and SMOKE CONTROL SYSTEM

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Note: Absence of these documents in the Financial Envelope shall disqualify the bidder

MATERIALS SUMMARY SHEETS

(This should be completely filled-up and part of Financial Proposal)

Table with 4 columns: SCOPE OF WORK/MATERIALS, Unit Cost, SPECIFICATION/BRAND, REMARKS "COMPLY". Rows include items like Fire Phone Output Adapter, E Amplifier, Transformer, Standby Battery, Telephone Jack, Portable Handset, Terminal Cabinet, and various Blower units for different floors.

Note: Provide additional sheets if needed

Submitted by:

Name of the Representative of the Bidder

Position

Name of the Bidder



SCOPE OF WORKS

Project Title: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, FUNCTIONAL/OPERATIONAL TESTING OF FIRE DETECTION & ALARM SYSTEM (FDAS) and SMOKE CONTROL SYSTEM

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

ITEM/SCOPE OF WORK	QTY/UNIT	MATERIALS USED	SCOPE OF WORK
0.0 -			
i Electrical Rough-ins, Raceways, wirings, Installation of Blowers, FDAS Devices; functional and acceptance test.			Installation & Functional
0.0 -			
1.10 Panel Controller, ENGLISH	1.00 pc		Installation & Functional
1.20 Address card, 1024 points	1.00 pc		Installation & Functional
1.30 Housing 6 module slots, Wall-mount	1.00 pc		Installation & Functional
1.40 Power supply housing, Large, Wall-mount	2.00 pc		Installation & Functional
1.50 Panel Rail, small	1.00 pc		Installation & Functional
1.60 Panel Rail, Large	1.00 pc		Installation & Functional
1.70 Cable set, Battery Controller module to battery	4.00 pc		Installation & Functional
1.80 Power supply unit, 24V	2.00 pc		Installation & Functional
1.90 Power supply bracket	2.00 pc		Installation & Functional
1.10 Batteries (12V), each 24 Ah	8.00 pc		Installation & Functional
1.11 Battery Controller	2.00 pc		Installation & Functional
1.12 Signal Processing Unit, Standard Performance	4.00 pc		Installation & Functional
1.13 Thermal/Heat Detector	8.00 pc		Installation & Functional
1.14 Optical Smoke Detector (SD)	523.00 pc		Installation & Functional
1.15 Smoke Detector Base,	531.00 pc		Installation & Functional
1.16 Zone Addressable Module (ZAM)	6.00 pc		Installation & Functional
1.17 Bell Large Housing, Double action, Indoor, Red	64.00 pc		Installation & Functional
1.18 Accessory, Spare Glass	4.00 pc		Installation & Functional
1.19 Accessory, key	12.00 pc		Installation & Functional
1.20 Inputs and Outputs, 2 monitored inputs, In-built	13.00 pc		Installation & Functional
1.21 Inputs and Outputs, 2 monitored inputs and 2 relay outputs, Surface-mount	2.00 pc		Installation & Functional
1.22 For conventional devices, 2 primary lines, Surface-mount	6.00 pc		Installation & Functional



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1.23	For conventional signaling devices, 1 supervised output line, Surface-mount	19.00	pc		Installation & Functional
1.24	Horn/Strobe	64.00	pc		Installation & Functional
1.25	Manual call point large housing,	64.00	pc		Installation & Functional
1.26	Power Supply	3.00	pc		Installation & Functional
1.27	Standby Battery, Sealed Type, Lead Acid, 12V, 7.2Ah	6.00	pc		Installation & Functional
1.28	Master Panel 16 switches/input	1.00	pc		Installation & Functional
1.29	Control Wires Twisted TF & Conduits (EMT)	1.00	lot		Installation & Functional
1.30	Master Fire Phone Assembly, MP's	1.00	pc		Installation & Functional
1.31	Standby Battery, Sealed Type,	2.00	pc		Installation & Functional
1.32	Distributed Panel, 4 Fireman	1.00	pc		Installation & Functional
1.33	Fire Phone Interface	3.00	pc		Installation & Functional
1.34	Fire Phone Output Adapter	3.00	pc		Installation & Functional
1.35	E Amplifier 25W L/Cab Charcoal Grey	1.00	pc		Installation & Functional
1.36	Transformer for 25W Amplifier	1.00	pc		Installation & Functional
1.37	Standby Battery, Sealed Type,	2.00	pc		Installation & Functional
1.38	Telephone Jack	20.00	pc		Installation & Functional
1.39	Portable Handset	1.00	pc		Installation & Functional
1.40	Terminal Cabinet	1.00	pc		Installation & Functional
	2.0 Smoke Control System				Installation & Functional
2.10	Main Building Ground Floor Blower 20,000CFM, 15HP	2.00	unit		Installation & Functional
2.20	Main Building 2nd Floor Blower 12,750CFM, 10HP	2.00	unit		Installation & Functional
2.30	ER Complex Ground Floor Blower 12,000CFM, 7.5HP	2.00	unit		Installation & Functional
2.40	ER Complex 2nd Floor Blower 12,000CFM, 7.5HP	2.00	unit		Installation & Functional
2.50	Out Patient Dept. Complex Ground Floor 12,000CFM,	2.00	unit		Installation & Functional
2.60	Out Patient Dept. Complex 2nd Floor 12,750CFM, 10HP	2.00	unit		Installation & Functional
2.70	Out Patient Dept. Complex 3RD Floor 14,000CFM, 10HP	2.00	unit		Installation & Functional
2.80	Out Patient Dept. Complex 4th Floor 14,000CFM, 10HP	2.00	unit		Installation & Functional



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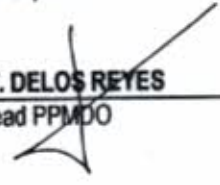
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2.90	Out Patient Dept. Complex 5th Floor 14,000CFM, 10HP	2.00	unit		Installation & Functional
3.00	Blower Controller w/ signal from FDAS and w/ manual override	18.00	assy		Installation & Functional
3.10	Blower Manual Pull Switch incase of Fire (Manual Override)	18.00	pc		Installation & Functional
3.20	Control Wires Twisted TF & Conduits (EMT)	1.00	lot		Installation & Functional
3.30	Power Wires 8.0 sq mm & Conduits (EMT)	1.00	lot		Installation & Functional
3.40	Blower Controller	1.00	lot		Installation & Functional

Submitted by:


JOEL S. SONGANO
 Engineer III


JANE T. DELOS REYES
 Head PPMDO