



CONTRACTOR'S LETTERHEAD HERE

### BREAKDOWN OF DETAILED ESTIMATE

PROJECT NAME: REPAIR/ REHABILITATION/ RETROFITTING/RENOVATION/REPLACEMENT AND EXPANSION OF EXTENSION BUILDING SERVICES  
 LOCATION: CatSU Main Campus, Virac, Catanduanes  
 ITEM No. XXVII.F  
 DESCRIPTION: GROUNDING SYSTEM  
 TOTAL QUANTITY: 1  
 UNIT: lumpsum

A.	LABOR	No. of Person	No. of Days	Daily Rate	Amount
	Registered Master Electrician				
	Skilled Electrician				
	Laborer				
<b>Sub-Total for A (Cost of Labor)</b>					-

B.	EQUIPMENT	No. of Units	No. of Hours	Hourly Rate	Amount
	Minor Tools				
<b>Sub-Total for B (Cost of Equipment Rental)</b>					-

C.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	Materials				
	Grounding system	lump sum	1.00		
<b>Sub-Total for C (Material Cost)</b>					-

D	Direct Unit Cost	(A + B + C)			
E	Overhead, Contingencies & Misc. (OCM)	___ % of D			-
F	Contractor's Profit	___ % of D			-
G	VAT	___ % (D + E + F)			-
H	<b>ITEM TOTAL</b>	<b>(D + E + F + G)</b>			-

I	<b>TOTAL UNIT COST</b>	<b>(H / Total Qty) -----</b>			
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Signature

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in the capacity of

Duly authorized to sign the Bid and on behalf of

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PROJECT NAME: REPAIR/ REHABILITATION/ RETROFITTING/RENOVATION/REPLACEMENT AND EXPANSION OF EXTENSION BUILDING SERVICES  
 LOCATION: CatSU Main Campus, Virac, Catanduanes  
 ITEM No. XXVII.G  
 DESCRIPTION: FIRE DETECTION AND ALARM SYSTEM  
 TOTAL QUANTITY: 1  
 UNIT: lumpsum

A.	LABOR	No. of Person	No. of Days	Daily Rate	Amount
	Registered Master Electrician				
	Skilled Electrician				
	Laborer				
<b>Sub-Total for A (Cost of Labor)</b>					-

B.	EQUIPMENT	No. of Units	No. of Hours	Hourly Rate	Amount
	Minor Tools				
<b>Sub-Total for B (Cost of Equipment Rental)</b>					-

C.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	<b>Materials</b>				
	Fire Alarm Control Panel, conventional, 4 zones w/ battery back up	set	1.00		
	Smoke Detector w/ base, conventional	piece	46.00		
	Conventional Heat Detector w/ base, conventional	piece	2.00		
	Conventional Manual Call Point, conventional	piece	6.00		
	Fire Alarm Bell 8"	piece	6.00		
	uPVC Pipe, 20mmØ x 3m	piece	165.00		
	Junction box PVC 4" x 4" orange deep type	piece	50.00		
	Square box PVC 4" x 4" orange deep type	piece	12.00		
	Fire Alarm Cable #16AWG (2 conductors)	meter	500.00		
	Electrical Tape, big	roll	5.00		
	GI Pull Wire, #16	kg	9.00		
	PVC Cement 100cc	can	4.00		
<b>Sub-Total for C (Material Cost)</b>					-

D	Direct Unit Cost				
E	Overhead, Contingencies & Misc. (OCM)		(A + B + C)		
F	Contractor's Profit		___% of D		-
G	VAT		___% of D		-
H	<b>ITEM TOTAL</b>		___% (D + E + F)		-
			(D + E + F + G)		-

I	TOTAL UNIT COST				(H / Total Qty) ----
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**BREAKDOWN OF DETAILED ESTIMATE**

**PROJECT NAME:** REPAIR/ REHABILITATION/ RETROFITTING/RENOVATION/REPLACEMENT AND EXPANSION OF EXTENSION BUILDING SERVICES  
**LOCATION:** CatSU Main Campus, Virac, Catanduanes  
**ITEM No.:** XXVIII  
**DESCRIPTION:** AUXILIARY WORKS  
**TOTAL QUANTITY:** 1  
**UNIT:** lumpsum

A.	LABOR	No. of Person	No. of Days	Daily Rate	Amount
	IT equipment installer				
	Laborer				
<b>Sub-Total for A (Cost of Labor)</b>					-

B.	EQUIPMENT	No. of Units	No. of Hours	Hourly Rate	Amount
	Minor Tools				
<b>Sub-Total for B (Cost of Equipment Rental)</b>					-

C.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	Materials				
	Main Distribution Frame (MDF) 9U Server rack cabinet wall mountable w/ lockable tempered glass door, cable entries from top and bottom with exhaust c/w PDU	set	1.00		
	Intermediate Distribution Frame (IDF) 6U Server rack cabinet wall mountable w/ lockable tempered glass door, cable entries from top and bottom with exhaust c/w PDU	set	1.00		
	Pull Box 300mm x 300mm x 250mm NEMA 1	piece	2.00		
	Blank Cover Plate	piece	36.00		
	uPVC Pipe thickwall, 20mmØ x 3m	piece	330.00		
	uPVC Pipe thickwall, 25mmØ x 3m	piece	6.00		
	uPVC Pipe thickwall, 32mmØ x 3m	piece	5.00		
	Utility box PVC 2" x 4" orange deep type	piece	30.00		
	Junction box PVC 4" x 4" orange deep type	piece	25.00		
	Belden RG6 coaxial cable	meter	200.00		
	Belden Cat6 UTP 4-pairs Cable, 24AWG	meter	1500.00		
	GI Pull Wire, #16	kg	16.00		
	PVC Cement 100cc	can	16.00		
<b>Sub-Total for C (Material Cost)</b>					-

D	Direct Unit Cost	(A + B + C)	
E	Overhead, Contingencies & Misc. (OCM)	___% of D	-
F	Contractor's Profit	___% of D	-
G	VAT	___% (D + E + F)	-
H	<b>ITEM TOTAL</b>	<b>(D + E + F + G)</b>	-

I	<b>TOTAL UNIT COST</b>	<b>(H / Total Qty) ----</b>	
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