



CONTRACTOR'S LETTERHEAD HERE

### BREAKDOWN OF DETAILED ESTIMATE

PROJECT NAME: COMPLETION OF HOSTEL (FUNCTION/BUSINESS CENTER) INTERNATIONAL HOUSE  
 LOCATION: CatSU Main Campus, Virac, Catanduanes  
 ITEM No. XXXII.B  
 DESCRIPTION: WIRES & WIRING DEVICES  
 TOTAL QUANTITY: 1.00  
 UNIT: I.s.

A.	LABOR	No. of Person	No. of Days	Daily Rate	Amount
	Construction Foreman				
	Skilled Laborer				
	Unskilled 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>				
	Electric wire TW/THHN/THWN-2, 2.0mm <sup>2</sup> Cu. Stranded	Meter	5300.00		
	Electric wire TW/THHN/THWN-2, 3.5mm <sup>2</sup> Cu. Stranded	Meter	4600.00		
	Electric wire TW/THHN/THWN-2, 5.5mm <sup>2</sup> Cu. Stranded	Meter	1350.00		
	Electric wire TW/THHN/THWN-2, 8.0mm <sup>2</sup> Cu. Stranded	Meter	1700.00		
	Electric wire TW/THHN/THWN-2, 14mm <sup>2</sup> Cu. Stranded	Meter	100.00		
	Electric wire TW/THHN/THWN-2, 22mm <sup>2</sup> Cu. Stranded	Meter	300.00		
	Electric wire TW/THHN/THWN-2, 30mm <sup>2</sup> Cu. Stranded	Meter	10.00		
	Electric wire TW/THHN/THWN-2, 38mm <sup>2</sup> Cu. Stranded	Meter	400.00		
	Electric wire TW/THHN/THWN-2, 60mm <sup>2</sup> Cu. Stranded	Meter	100.00		
	Electric wire TW/THHN/THWN-2, 100mm <sup>2</sup> Cu. Stranded	Meter	200.00		
	Electric wire TW/THHN/THWN-2, 150mm <sup>2</sup> Cu. Stranded	Meter	140.00		
	Single Pole Wall Switch on one switch plate, Hotel type, Slim art Metallic Black	Set	30.00		
	Duplex (2 Single Pole Wall Switches on on switch plate) Hotel type, Slim art Metallic Black	Set	32.00		
	Triplex (3 Single Pole Wall Switches on on switch plate) Hotel type, Slim art Metallic Black	Set	22.00		
	Three-way Switch Hotel type, Slim art Metallic Black	Set	16.00		
	Single Convenience Outlet/Receptacle, Grounding Type (GT)	Set	45.00		
	Duplex Convenience Outlets/Receptacles (GT) Hotel type, Slim art Metallic Black	Set	90.00		
	Weatherproof Duplex Convenience outlet/Receptacle (GT)	Set	7.00		
	Pop-up type/Floor Duplex Convenience Outlet/Receptacle (GT)	Set	3.00		
	Consumables (3% of Materials Cost)	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>	-

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## BREAKDOWN OF DETAILED ESTIMATE

PROJECT NAME: COMPLETION OF HOSTEL (FUNCTION/BUSINESS CENTER) INTERNATIONAL HOUSE  
LOCATION: CatSU Main Campus, Virac, Catanduanes

ITEM No. XXXII.B  
DESCRIPTION: WIRES & WIRING DEVICES  
TOTAL QUANTITY: 1.00  
UNIT: I.s.

I	TOTAL UNIT COST	(H / Total Qty) —	
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Signature

\_\_\_\_\_  
in the capacity of

Duly authorized to sign the Bid and on behalf of \_\_\_\_\_



CONTRACTOR'S LETTERHEAD HERE

### BREAKDOWN OF DETAILED ESTIMATE

**PROJECT NAME:** COMPLETION OF HOSTEL (FUNCTION/BUSINESS CENTER) INTERNATIONAL HOUSE  
**LOCATION:** CatSU Main Campus, Virac, Catanduanes  
**ITEM No.** XXXII.C  
**DESCRIPTION:** POWER LOAD CENTER, SWITCHGEARS AND PANELBOARDS, AND OTHER OVERCURRENT PROTECTION DEVICES  
**TOTAL QUANTITY:** 1.00  
**UNIT:** l.s.

A.	LABOR	No. of Person	No. of Days	Daily Rate	Amount
	Construction Foreman				
	Skilled Laborer				
	Unskilled 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>				
	Panelboard with Main and Branch Breakers (MDP) Main: 2-800AT, 3P, 240V, 60Hz, 65KAIC w/ mechanical interlock Branches: 2-250AT, 4-200AT, 1-150AT, 3-100AT, all MCCB in, 3P, 240V, @ 60 Hz, Bolt-on, with 2 - (Green) LED Pilot Light for Back up and Utility power, with Digital Multimeter for Voltage, Current, Frequency in NEMA 3R powder coated enclosure	Lump Sum	1.00		
	Panelboard with Main and Branch Breakers (PP3A) Main: 1-250AT/250AF, 3P, 240V, 60Hz, 35KAIC Bolt on MCCB Branches: 1-100AT/3P, 1-70AT/3P, 3-30AT/2P, 9-20AT/2P, 6-15AT/2P, all MCCB in 100AF, 240V, @ 60 Hz, Bolt-on in NEMA 1 enclosure with grounding bus bar, flushed type	Lump Sum	1.00		
	Panelboard with Main and Branch Breakers (PP3B) Main: 1-70AT/100AF, 3P, 240V, 60Hz, 35KAIC Bolt on MCCB Branches: 3-30AT, 8-20AT, 1-15AT, all MCB in 63AF, 2P, 240V, @ 60 Hz, Bolt-on in NEMA 3R enclosure with grounding bus bar, flushed type	Lump Sum	1.00		
	Panelboard with Main and Branch Breakers (PP4A) Main: 1-100AT/100AF, 3P, 240V, 60Hz, 35KAIC Bolt on MCCB Branches: 1-50AT/3P, 1-40AT/3P, 5-30AT/2P, 7-20AT/2P, 6-15AT/2P, all MCCB in 100AF, 240V, @ 60 Hz, Bolt-on in NEMA 3R enclosure with grounding bus bar, flushed type	Lump Sum	1.00		
	Panelboard with Main and Branch Breakers (PP2B) Main: 1-200AT/250AF, 3P, 240V, 60Hz, 35KAIC Bolt on MCCB Branches: 3-70AT, 9-40AT, 3-30AT, 3-20AT, all MCCB in 100AF, 2P, 240V, @ 60 Hz, Bolt-on in NEMA 1 enclosure with grounding bus bar, flushed type	Lump Sum	1.00		
	Panelboard with Main and Branch Breakers (PP3C) Main: 1-150AT/250AF, 3P, 240V, 60Hz, 35KAIC Bolt on MCCB Branches: 6-40AT, 3-30AT, 9-20AT, 6-15AT, all MCB in 63AF, 2P, 240V, @ 60 Hz, Bolt-on in NEMA 1 enclosure with grounding bus bar, flushed type	Lump Sum	1.00		

## BREAKDOWN OF DETAILED ESTIMATE

<b>PROJECT NAME:</b>	<b>COMPLETION OF HOSTEL (FUNCTION/BUSINESS CENTER) INTERNATIONAL HOUSE</b>
<b>LOCATION:</b>	<b>CatSU Main Campus, Virac, Catanduanes</b>
<b>ITEM No.</b>	<b>XXXII.C</b>
<b>DESCRIPTION:</b>	<b>POWER LOAD CENTER, SWITCHGEARS AND PANELBOARDS, AND OTHER OVERCURRENT PROTECTION DEVICES</b>
<b>TOTAL QUANTITY:</b>	<b>1.00</b>
<b>UNIT:</b>	<b>l.s.</b>

Panelboard with Main and Branch Breakers (PP2A) Main: 1-100AT/100AF, 3P, 240V, 60Hz, 35KAIC Bolt on MCCB Branches: 2-40AT, 2-30AT, 8-20AT, 6-15AT, all MCB in 63AF, 2P, 240V, @ 60 Hz, Bolt-on in NEMA 1 enclosure with grounding bus bar, flushed type	Lump Sum	1.00		
Panelboard with Main and Branch Breakers (SDP3) Main: 1-100AT/100AF, 3P, 240V, 60Hz, 35KAIC Bolt on MCCB Branches: 1-50AT/3P, 1-40AT/3P, 1-40AT/2P, 4-30AT/2P, 3-20AT/2P, 4-15AT/2P, all MCCB in 100AF, 240V, @ 60 Hz, Bolt-on in NEMA 3R enclosure with grounding bus bar, flushed type	Lump Sum	1.00		
Panelboard with Main and Branch Breakers (PP1A) Main: 1-100AT/100AF, 3P, 240V, 60Hz, 35KAIC Bolt on MCCB Branches: 3-30AT/2P, 6-20AT/2P, 4-15AT/2P, all MCB in 63AF, 240V, @ 60 Hz, Bolt-on in NEMA 1 enclosure with grounding bus bar, flushed type	Lump Sum	1.00		
Panelboard with Main and Branch Breakers (LPP1, LPP2, LPP3) Main: 1-63AT/63AF, 2P, 240V, 60Hz, 10KAIC Din Rail MCB Branches: 1-40AT, 1-30AT, 1-20AT, 1-15AT, all MCB in 2P, 63AF, 240V, 60 Hz, Din Rail mount +1SPACE + 1-40A, 4P, 240V, @ 60 Hz, N.O. Contactor, Din Rail mount, all in Plastic Enclosure, with grounding bus bar, Flushed type	Lump Sum	3.00		
Panelboard with Main and Branch Breakers (LPP4, LPP5, LPP6, LPP7, LPP8, LPP9, LPP10, LPP11) Main: 1-40AT/63AF, 2P, 240V, 60Hz, 10KAIC Din Rail MCB Branches: 3-20AT, 2P, 1-15AT, all MCB in 2P, 63AF, 240V, 60 Hz, Din Rail mount +1SPACE + 1-40A, 4P, 240V, @ 60 Hz, N.O. Contactor, Din Rail mount, all in Plastic Enclosure, with grounding bus bar, Flushed type	Lump Sum	8.00		
800A, 3P, 240V, 60Hz ATS NEMA 3R enclosure, c/w accessories	Lump Sum	1.00		
Circuit Breaker 15AT, 2P, 240V, 60Hz, in NEMA 3R enclosure	Set	1.00		
Circuit Breaker 20AT, 2P, 240V, 60Hz, in NEMA 3R enclosure	Set	12.00		
Circuit Breaker 30AT, 2P, 240V, 60Hz, Indoor type	Set	1.00		
Circuit Breaker 30AT, 2P, 240V, 60Hz, in NEMA 3R enclosure	Set	5.00		
Circuit Breaker 40AT, 2P, 240V, 60Hz, in NEMA 3R enclosure	Set	8.00		
ECB 40AT, 3P, 240V, 60Hz, NEMA 3R	Set	1.00		
ECB 60AT, 3P, 240V, 60Hz, NEMA 3R	Set	1.00		
ECB 200AT, 3P, 240V, 60Hz, NEMA 3R	Set	1.00		
ECB 500AT, 3P, 240V, 60Hz, NEMA 3R	Set	1.00		
KWH-Meter Three phase, 240V Electronic c/w seal & NEMA 3R Enclosure	Lump Sum	1.00		
2 x Current Transformer (Utility supplied)	Lump sum	1.00		
CT, Box (Utility supplied)	Lump sum	1.00		
Fuse cut-out and arrester combination 15KV (Utility supplied)	Set	3.00		
<b>Sub-Total for C (Material Cost)</b>				-

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

<b>I</b>	<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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