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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. XXVII.G

DESCRIPTION: FIRE DETECTION AND ALARM SYSTEMS

TOTAL QUANTITY: 1

UNIT: lumpsum

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

B.	EQUIPMENT	No. of Units	No. of Hours	Hourly Rate	Amount
	Minor tools (10% of Labor)				
Sub-Total for B (Cost of Equipment Rental)					-

C. Total (A+B)

D. Output per hour

E. Direct Unit Cost (C ÷ D)

F.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	Materials				
	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		
Sub-Total for C (Material Cost)					-

G.	Direct Unit Cost	(E + F) -----	
H.	Overhead, Contingencies & Misc. (OCM)	4% of G -----	-
I.	Contractor's Profit	8% of G -----	-
J.	VAT	5% (G + H + I) -----	-
K.	ITEM TOTAL	(G + H + I + J) -----	-
L.	TOTAL UNIT COST	(K / Total Qty) -----	-

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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. XXVIII
DESCRIPTION: AUXILIARY WORKS
TOTAL QUANTITY: 1
UNIT: lumpsum

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

B.	EQUIPMENT	No. of Units	No. of Hours	Hourly Rate	Amount
	Minor tools (10% of Labor)				
Sub-Total for B (Cost of Equipment Rental)					-

C.	Total (A+B)				
D.	Output per hour				
E.	Direct Unit Cost (C + D)				

F.	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	1,500.00		
	GI Pull Wire, #16	kg	16.00		
	PVC Cement 100cc	can	16.00		
Sub-Total for C (Material Cost)					-

G.	Direct Unit Cost	(E + F) -----		
H.	Overhead, Contingencies & Misc. (OCM)	4% of G -----		-
I.	Contractor's Profit	8% of G -----		-
J.	VAT	5% (G + H + I) -----		-
K.	ITEM TOTAL	(G + H + I + J) -----		-
L.	TOTAL UNIT COST	(K / Total Qty) -----		

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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. XXIX
 DESCRIPTION: SUPPLY DELIVERY: ROLL UP BLINDS
 TOTAL QUANTITY: 16.38
 UNIT: sq.m.

A.	LABOR	No. of Person	No. of Days	Daily Rate	Amount
	Construction Foreman				
	Skilled laborer				
	Common Laborer				
Sub-Total for A (Cost of Labor)					-

B.	EQUIPMENT	No. of Units	No. of Hours	Hourly Rate	Amount
	minor tools(10% of labor)				
Sub-Total for B (Cost of Equipment Rental)					-

C.	Total (A+B)				
D.	Output per hour				
E.	Direct Unit Cost (C + D)				

F.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	Materials				
	Supply, Delivery and Installation of Roller Blinds				
	Double (2) Layer Roller; Material: Polyester Fabric; Blackout (Back - 0.43mm thk.), Sunscreen (Front - 0.30mm thk.); Fabric Color: Vanilla White/Ice White; Chain Material: Stainless Steel				
	FW1 - 2600mmW x 2100mmH	sets	4		
Sub-Total for C (Material Cost)					-

G.	Direct Unit Cost	(E + F) -----			
H.	Overhead, Contingencies & Misc. (OCM)	4% of G -----			-
I.	Contractor's Profit	8% of G -----			-
J.	VAT	5% (G + H + I) -----			-
K.	ITEM TOTAL	(G + H + I + J) -----			-
L.	TOTAL UNIT COST	(K / Total Qty) -----			-

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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. XXX
 DESCRIPTION: SUPPLY, DELIVERY AND INSTALLATION: REFLECTIVE MIRRORS
 TOTAL QUANTITY: 12.26
 UNIT: sq.m.

A.	LABOR	No. of Person	No. of Days	Daily Rate	Amount
Sub-Total for A (Cost of Labor)					-

B.	EQUIPMENT	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total for B (Cost of Equipment Rental)					-

C.	Total (A+B)				
D.	Output per hour				
E.	Direct Unit Cost (C + D)				

F.	Name and Specification	Unit	Quantity	Unit Cost	Amount
Materials					
Supply, Delivery and Installation of Reflective Mirror including fixing accessories					
Ground Floor Level					
	6mm thk. Reflective Mirror (0.75m x 0.90m)	pcs	4.00		
	6mm thk. Reflective Mirror (2.225m x 0.90m)	pcs	1.00		
Second Floor Level					
	6mm thk. Reflective Mirror (0.75m x 0.90m)	pcs	5.00		
	6mm thk. Reflective Mirror (1.65m x 0.90m)	pcs	1.00		
	6mm thk. Reflective Mirror (1.50m x 0.90m)	pcs	2.00		
Sub-Total for C (Material Cost)					-

G.	Direct Unit Cost	(E + F) -----			
H.	Overhead, Contingencies & Misc. (OCM)	4% of G -----			-
I.	Contractor's Profit	8% of G -----			-
J.	VAT	5% (G + H + I) -----			-
K.	ITEM TOTAL	(G + H + I + J) -----			-
L.	TOTAL UNIT COST	(K / Total Qty) -----			

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