

Title of Project: Repair and Rehabilitation of Various Building and Structures Ravaged by Super Typhoon Odette

Scope of Work

I. Roofing Works

- a. Complete replacement and repair of roofing as indicated in the plan

II. Ceiling Works

- a. Full restoration of the ceiling including ceiling eaves on the third floor

III. Double Wall Partitions

- a. Repair and Restoration of Walls as indicated in the Plan

IV. Painting Works

- a. Comprehensive interior painting of the Ceiling

V. Electrical Works

- a. Complete rewiring and restoration of the electrical system on the third (3rd) floor

VI. Doors and Windows

- a. Replacement of the damaged windows and Reattachment of the old doors to its locations.

Prepares by:

(Sgd.) REGIE B. BERO

Civil Engineer



INDIVIDUAL PROGRAM OF WORKS

Date:

Name of Work :		Repair and Rehabilitation of Various Building and Structures Ravaged by Super Typhoon Odette in SLSU-MCC		Appropriation: Php 6,486,171.30																	
Location :		SLSU-Maasin Campus Tunga-tunga, Maasin City, Southern Leyte		Source of Fund: Issued Obligated Released: Calendar Days to Compl Desirable Starting Date:																	
Project Category:		Infrastructure																			
Scope of Works:		<table border="0"> <tr><td>1. General Requirements</td><td>lot</td></tr> <tr><td>2. Mobilization / Demobilization</td><td>lot</td></tr> <tr><td>3. Roofing Works</td><td>sq.m</td></tr> <tr><td>4. Ceiling Works</td><td>sq.m</td></tr> <tr><td>5. Double Wall Partitions</td><td>sq.m</td></tr> <tr><td>6. Painting Works</td><td>sq.m</td></tr> <tr><td>7. Electrical Works</td><td>lot</td></tr> <tr><td>8. Doors and Windows</td><td>lot</td></tr> </table>				1. General Requirements	lot	2. Mobilization / Demobilization	lot	3. Roofing Works	sq.m	4. Ceiling Works	sq.m	5. Double Wall Partitions	sq.m	6. Painting Works	sq.m	7. Electrical Works	lot	8. Doors and Windows	lot
1. General Requirements	lot																				
2. Mobilization / Demobilization	lot																				
3. Roofing Works	sq.m																				
4. Ceiling Works	sq.m																				
5. Double Wall Partitions	sq.m																				
6. Painting Works	sq.m																				
7. Electrical Works	lot																				
8. Doors and Windows	lot																				
MINIMUM NUMBER OF REQUIRED EQUIPMENT			TECHNICAL PERSONNEL REQUIREMENT																		
Description		No.		Description		No.															
Welding Machine				Project Manager/Site Engineer																	
Scaffodings (Galvanized GI Pipe (dia 40mm x 2.4mm x 6M)				Foreman																	
Fixed Clamp				Electrician																	
Scaffolding (H-Frame)																					
ESTIMATED COST OF PROPOSED WORK																					
Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost														
					Unit Cost	Total															
I.	DIRECT COST																				
1.0	General Requirements		lot		Php	-															
2.0	Mobilization/Demobilization		lot		Php	-															
3.0	Roofing Works		sq.m		Php	-															
4.0	Ceiling Works		sq.m		Php	-															
5.0	Double Wall Partitions		sq.m		Php	-															
6.0	Painting Works		sq.m		Php	-															
7.0	Electrical Works		lot		Php	-															
8.0	Doors and Windows		lot		Php	-															
II	INDIRECT COST				Php	-															
	Government Expenses		lot																		
	TOTAL				Php	-															

Prepared by:

Recommending Approval:

BREAKDOWN OF ESTIMATED EXPENDITURES		% TOTAL	AMOUNT
I. ESTIMATED BREAKDOWN COST			
A. DIRECT COST			
1.	Mobilization/Demobilization	Php	-
2.	Materials	Php	-
	2.1. Supply/Delivery		
	2.2. Testing Materials		
3.	Labor	Php	-
	3.1. Direct Labor		
	3.2. Leaves		
	3.3. Medicare		
	3.4. State Insurance		
4.	Equipment Expenses	Php	-
B. INDIRECT COST			
1.	Contractor's Profit (10% of A1 to A4)	Php	-
2.	Overhead, Contingencies & Miscellaneous (12% of A1 to A4)	Php	-
3.	VAT (5% of A1 to A4 and B1 to B2)	Php	-
SUB-TOTAL		Php	-
II. ESTIMATED GOVERNMENT EXPENSES			
1.	ROW/Site Acquisition		
2.	Soil Exploration		
3.	Project Management (Up to 5% Estimated Contract Cost)	Php	-
4.	Materials to be furnished by the Government		
5.	Provision for COLA		
6.	Provision for Rental & Fuel etc.		
SUB-TOTAL		Php	-
III. CONTINGENCY/RESERVES			
1.	Physical (Up to 15% of the Estimated Contract Cost)		
2.	Price Escalation (Up to 12% of the Estimated Contract Cost)		
SUB-TOTAL		Php	-
TOTAL ESTIMATED PROJECT COST		Php	-

PREPARED BY:

RECOMMENDING APPROVAL:



Detailed Estimates

ITEM #	DESCRIPTION / MATERIALS		QTY	UNIT	UNIT COST	AMOUNT
I	CONTRACT COST					
1.00	General Requirements			Lot		Php -
	A	Materials Cost				
		Temporary Facilities/utilities, water and electrical facilities, safety protection, personal protective fences,scaffoldings		Lot		Php -
		As-built Plans (Original + 3 Set Copies), Project Sign Board		lot		Php -
		Sub-Total				Php -
	B	Labor Cost				
		Foreman		Day		Php -
		Labors		Day		Php -
		Sub-Total				Php -
		Direct Cost				Php -
		Mobilization/Demobilization				Php -
		Profit				Php -
		OCM				Php -
		VAT				Php -
		Total Item Cost				Php -
		Unit Cost				
		Total Cost for Item 1.0 - General Requirements				Php -



Detailed Estimates

ITEM #	DESCRIPTION / MATERIALS		QTY	UNIT	UNIT COST	AMOUNT
I	CONTRACT COST					
3	Roofing Works			sq.m		Php -
	A	Materials Cost				
		C-purlins, 2"x4"x1.5mm THK		length		Php -
		Welding Rod		kg/s		Php -
		Angular Bar 2"x2"x1/4		length		Php -
		Pre-painted, pre fabricated long span rib type roofing sheet, 0.50mm THK		ln.m		Php -
		Pre-painted, pre fabricated metal fascia covering, 2.4mx0.50mm THK		pc/s		Php -
		1/2" fiber cement fascia board		pc/s		Php -
		Pre-painted Gutter		pc/s		Php -
		Pre-painted Valley Gutter		pc/s		Php -
		Pre-painted Ridge Roll		pc/s		Php -
		Blind Rivets 5/32" x 1/2" (1000pcs/box)		box/s		Php -
		Silicon Sealant		tube		Php -
		Silicon Gun		pc/s		Php -
		Teckscrew, 1-1/2"		packs		Php -
		Roof Drain (Doom-Type Strainer)		pcs		Php -
		PVC Solvent, 400cc		Cans		Php -
		Sub-Total				Php -
	Capability Output	Removal Existing Damage Roofing		30 sqm/ crew/day		0.00
				10 sqm/ crew/day		0.00
				Total No. of Days		0.00
	B	Labor				
		Foreman	0	day/s		Php -
		Skilled	0	day/s		Php -
		Helpers	0	day/s		Php -
		Sub-Total				Php -
	C	Equipment				
		Welding Machine		day/s		Php -
		Galvanized GI Pipe (dia 40mm x 2.4mm x 6M		day/s		Php -
		Fixed Clamp (40mm x 40mm)		day/s		Php -
		Sub-Total				Php -
		Direct Cost				Php -
		Mobilization/Demobilization				Php -
		Profit				Php -
		OCM				Php -
		VAT				Php -
		Total Item Cost				Php -
		Unit Cost				
		Total Cost for Item 2.0 - Roofing Works				Php -



Detailed Estimates

ITEM #	DESCRIPTION / MATERIALS	QTY	UNIT	UNIT COST	AMOUNT
I	CONTRACT COST				
4	Ceiling Works		sq.m		Php -
A	Materials Cost				
	Hardieflex 4.5mm Thk		sheet/s		Php -
	Double Furring (0.50mm Thk x 5m)		length		Php -
	Carrying Channel (0.80 mm Thk x 5m)		length		Php -
	Wall Angle (0.50mm Thk x 3m)		length		Php -
	W-Clip		pcs		Php -
	Blind Rivets 5/32" x 1/2" (1000pcs/box)		box/s		Php -
	Concrete Nails #1 Gauge 15		kg/s		Php -
	Threaded Rods		pcs		Php -
	J-Clip		pc/s		Php -
	Gypsum Screw 1 1/2" for aluminum/metal (350pcs per box)		box/s		Php -
	Purlin Hangers		pc/s		Php -
	12mm THK Acoustic Board Powder Coated T-runners				
	12mm THK x 600mm x 600mm acoustic board with vinyl cover		pc/s		Php -
	Powder coated T-runner frame		sq.m		Php -
	Sub-Total				Php -
	Capability Output (Ceiling Works)		11.52 sqm/crew/day		
	Removal of Deffective Ceilings/Metal Furrings		48.5 sqm/crew/day		
B	Labor			Total No. Of Days	0.00
	Foreman		day/s		Php -
	Skilled		day/s		Php -
	Helpers		day/s		Php -
	Sub-Total				Php -
C	Equipment				
	Common Tools (10% of Labor Cost)				Php -
For Ceiling Eaves	H-Frame Scaffolding (1.70m Height)		day/s		Php -
	Galvanized GI Pipe (dia 40mm x 2.4mm x 6M)		day/s		Php -
	Fixed Clamp (40mm x 40mm)		day/s		Php -
	Sub-Total				Php -
	Direct Cost				Php -
	Mobilization/Demobilization				Php -
	Profit				Php -
	OCM				Php -
	VAT				
	Total Item Cost				Php -
	Unit Cost				
	Total Cost for Item 3.0 - Ceiling Works				Php -



Detailed Estimates

ITEM #	DESCRIPTION / MATERIALS		QTY	UNIT	UNIT COST	AMOUNT
I	CONTRACT COST					
5	Double Wall Partitions			sq.m		Php -
	A	Materials Cost				
		Marine plywood, 6mm THK		sheet/s		Php -
		2"x4" Wood Nailers		bd.ft		Php -
		Common Wire Nails 4"		kg/s		Php -
		Common Wire Nails 3"		kg/s		Php -
		Common Wire Nails 1-1/2"		kg/s		Php -
		Finishing Nails 1"		kg/s		Php -
		Concrete Nails 4"		kg/s		Php -
		Sub-Total				Php -
	B	Labor				
		Capability Output				No. of Days
		Removing of Defective walls		40 sqm/ crew/day		
		For framing and walling		15 sqm/ crew/day		
					Total No. Of Days	
		Foreman		Day		Php -
		Skilled		Day		Php -
		Helpers		Day		Php -
		Sub-Total				Php -
	C	Equipment				
						Php -
		Sub-Total				Php -
		Direct Cost				Php -
		Mobilization/Demobilization				Php -
		Profit				Php -
		OCM				Php -
		VAT				Php -
		Total Item Cost				Php -
		Unit Cost				
		Total Cost for Item 4.0 - Double Wall Partitions				Php -



Detailed Estimates

ITEM #	DESCRIPTION / MATERIALS		QTY	UNIT	UNIT COST	AMOUNT
I	CONTRACT COST					
6	Painting Works			sq.m		Php -
	A	Materials				
		Glazing Putty		gal		Php -
		Flat Wall Enamel		gal		Php -
		Enamel Quick Dry White		gal		Php -
		Paint Thinner		liter		Php -
		Paint Roller, Cotton		pcs		Php -
		Plastic Paint Pan		pcs		Php -
		4" paint brush		pcs		Php -
		3" paint brush		pcs		Php -
		2" paint brush		pcs		Php -
		Gauze Bondage		pcs		Php -
		Sand Paper, #150		sht		Php -
		Sand Paper, #360		sht		Php -
		Masking Tape		roll		Php -
		Sub-Total				Php -
	B	Labor				
		Capability Output		25 sqm/ crew/day		0.00
				Total No. of Days		0.00
		Foreman		Day		Php -
		Skilled		Day		Php -
		Helpers		Day		Php -
		Sub-Total				Php -
	C	Equipment				
For Ceiling		H-Frame Scaffolding (1.70m Height)		Day		Php -
Ceiling Eaves		Galvanized GI Pipe (dia 40mm x 2.4mm x 6M)		Day		Php -
		Fixed Clamp (40mm x 40mm)		Day		Php -
		Sub-Total				Php -
		Direct Cost				Php -
		Mobilization/Demobilization				Php -
		Profit				Php -
		OCM				Php -
		VAT				Php -
		Total Item Cost				Php -
		Unit Cost				
		Total Cost for Item 5.0 - Painting Works				Php -



Detailed Estimates

ITEM #	DESCRIPTION / MATERIALS		QTY	UNIT	UNIT COST	AMOUNT
I	CONTRACT COST					
7	Electrical Works			Lot		Php -
	A	Materials Cost				
		40W fluorescent lamp with box		set/s		Php -
		18W Pin Light		set/s		Php -
		32W Circular fluorescent lamp with cover		set/s		Php -
		#5 THHN Wire		box/es		Php -
		#12 THHN Wire		box/es		Php -
		#14 THHN Wire		box/es		Php -
		Electrical Tape		roll/s		Php -
		Sub-Total				Php -
		Capability Output (Wiring Installation)		300ln.m/ crew/day including lighting		
		Capability Output (Lighting and Fixtures)		8 Sets/crew/ day		
	B	Labor			Total No. Of Days	0.00
		Foreman		Day		Php -
		Skilled		Day		Php -
		Helpers		Day		Php -
		Sub-Total				Php -
	C	Equipment				
		Common Tools (10% of Labor Cost)				Php -
		Sub-Total				Php -
		Direct Cost				Php -
		Mobilization/Demobilization				Php -
		Profit				Php -
		OCM				Php -
		VAT				Php -
		Total Item Cost				Php -
		Unit Cost				
		Total Cost for Item 6.0 - Electrical Works				Php -



Detailed Estimates

ITEM #	DESCRIPTION / MATERIALS	QTY	UNIT	UNIT COST	AMOUNT
I	CONTRACT COST				
8	Doors and Windows		Lot		Php -
A	Materials Cost				
	Jalousie Blade		pcs		Php -
	Jalousie Holder		pcs		Php -
	4.7m x 1.2m sliding glass window		sq.m		Php -
	3.2m x 1.2m sliding glass window		sq.m		Php -
	0.7m x 0.7m sliding glass window		sq.m		Php -
	Sealant				Php -
	Sub-Total				Php -
B	Labor		sq.m		
	Capability Output		2.88s1.m/ crew/day		
				Total No. of Days	
	Foreman		Day		Php -
	Skilled		Day		Php -
	Helpers		Day		Php -
	Sub-Total				Php -
C	Equipment				
	Common Tools (10% of Labor Cost)				Php -
	Sub-Total				Php -
	Direct Cost				Php -
	Mobilization/Demobilization				Php -
	Profit				Php -
	OCM				Php -
	VAT				Php -
	Total Item Cost				Php -
	Unit Cost				
	Total Cost for Item 7.0 - Doors and Windows				Php -



Detailed Estimates

ITEM #	DESCRIPTION / MATERIALS	QTY	UNIT	UNIT COST	AMOUNT
II	GOVERNMENT EXPENSES				
	1 Supervision/Administrative Cost		lot		Php -
	Cost of Living Allowance				
	Transportation - Fuel Allowance				
	Office Supplies				
	Communication Allowance				
	Sub-Total				Php -
	Total Government Expenses				Php -
	Total Estimated Project Cost				Php -

Prepared by:

Recommending Approval:

Project : Repair and Rehabilitation of Various Building and Structures Ravaged by Typhoon Odette
Location : SLSU-MaasinCampus, Brgy. Tunga-tunga, Maasin City, Southern Leyte
Owner : Southern Leyte State University
Project Duration :

DETAILED ESTIMATES

A. DIRECT COST

1.	Material Cost	Php	-
2.	Labor Cost	Php	-
3.	Equipment/Tools	Php	-
SUB-TOTAL		Php	-

B. INDIRECT COST

1.	OCM	Php	-
2.	Contractor's Profit	Php	-
3.	VAT, Taxes, Misc.	Php	-
	Supervision / Administrative Cost		
SUB-TOTAL		Php	-
TOTAL PROJECT COST		Php	-

Prepared by:

Approved:

JUDE A. DUARTE, DPA
 University President

