

**REPAIR AND MAINTENANCE OF ROOFS OF VARIOUS BUILDINGS / FACILITIES AT DA-AGRICULTURAL TRAINING INSTITUTE (ATI) - REGIONAL TRAINING CENTER CALABARZON, BRGY. LAPIDARIO, TRECE MARTIRES CITY, CAVITE**

**SCOPE OF WORKS:**

*Trimming of Branches of Mango Tree  
 Cleaning of Gutter; End Flashing and Scraping of Concrete Slab  
 Replacement; Repair of Roof, Gutter, Ridge Roll, End Flashing and Downspout  
 Application of Sealant, Waterproof Tape and Water Proofing Membrane*

**A. TRAINING HALL AND ADMIN BUILDING**

*Area of Roofs = 507.55 sq.m*

**B. DORMITORY**

*Area of Roofs = 416.25 sq.m*

**C. 4H LEARNING HUB**

*Area of Roofs = 296.63 sq.m*

**D. MEAT HUB**

*Area of Roofs = 78.00 sq.m*

**E. STOCKROOM**

*Area of Roofs = 61.20 sq.m*

**F. EXTENSION HUB**

*Area of Roofs = 73.24 sq.m*

**G. GUARD HOUSE**

*Area of Roofs = 13.95 sq.m*

**Total Area of Roofs = 1,446.82 sq.m**

<b>I. GENERAL REQUIREMENTS</b>	<i>Mobilization, Demobilization, Temporary Facilities, Security Provision (Safety Gear), Signages, Photograph, Barricades, Water and Electric Bills.</i>	<b>P</b>
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<b>II. SITE CLEARING</b>						
<i>Including Trimming of Branches of Mango Tree; Cleaning of Gutter; End Flashing and Scraping / Cleaning of Concrete Slab</i>						
<b>MATERIALS:</b>						
100	bd.ft	2" x 3" x 10'- Cocolumber - 20 pcs.	@	P	/bd.ft	P
2	kgs.	Assorted CWN	@	P	/kg.	P
3	kgs.	G.A.16 Tie Wire	@	P	/kg.	P
4	pcs.	Walis Ting-Ting	@	P	/pc.	P
2	pcs.	Bolo or Itak	@	P	/pc.	P
4	sets	Pallet	@	P	/set	P
2	pcs.	Steel Brush	@	P	/kg.	P
						<b>P</b>
<b>EQUIPMENT:</b>						
12	sets	H-Frame Scaffolding	@	P	/set for 6 days	P
16	pcs.	1-1/2"Ø G.I. Pipe with Lock Clamp	@	P	/pc. for 6 days	P
						<b>P</b>

<b>LABOR:</b>						
1	Construction Foreman	@	P	/day	for 6 days	P
4	Skilled Laborer	@	P	/day	for 6 days	P
6	Unskilled Laborer	@	P	/day	for 6 days	P
						<b>P</b>
Estimated Direct Cost						P
Contractor's Profit 10%						P
Overhead, Contingencies and Miscellaneous (O.C.M.) 12%						P
Value Added Tax (VAT) 5%						P
<b>Item Cost</b>						<b>P</b>

<b>III. ROOFING WORKS</b>						
<b>MATERIALS :</b>						
2 pcs.	2" Ø Schedule 40 G.I. Pipe	@	P	/pc.		P
4 pcs.	3/16" x 2" x 2" x 6.0m Angular Bar	@	P	/pc.		P
4 pcs.	G.A. 2.00mm x 2" x 6" Tubular Bar	@	P	/pc.		P
12 pcs.	G.A. 1.50mm x 2" x 2" Tubular Bar	@	P	/pc.		P
1 pc.	Cut-off Blade	@	P	/pc.		P
20 kgs.	Welding Rod	@	P	/kg.		P
25.20 ln.m	0.60 mm x 1.20m x 4.20meters Rib Type Color Roof = 6pcs.	@	P	/ln.m		P
8 pcs.	0.50mm x 18" x 8' Stainless End Flashing	@	P	/pc.		P
8 pcs.	0.50mm x 18" x 8' Stainless Gutter	@	P	/pc.		P
6 pcs.	0.50mm x 24" x 8' Pre-painted End Flashing	@	P	/pc.		P
6 pcs.	0.50mm x 24" x 8' Pre-painted Gutter	@	P	/pc.		P
520 pcs.	2-1/2" Tekscrow	@	P	/pc.		P
3 boxes	Blind Rivet 1/8" x 3/4"	@	P	/box.		P
16 pcs.	3"ø x 10' PVC Orange Pipe	@	P	/pc.		P
12 pcs.	3" ø PVC Elbow.	@	P	/pc.		P
3 can	PVC Solvent Cement 400cc	@	P	/can		P
40 pcs.	4" Waterproof Roof Tape x 5.00 Meters	@	P	/pc.		P
20 tubes	Silicon Sealant	@	P	/tube		P
60 pack	250g Elastoseal Pisol Pack	@	P	/pack		P
58 gals.	Alkyd Metal Primer Rust - Off Gray (1 Coat)	@	P	/gal.		P
18 Tins	Roof Guard (Roofing Finish Coat Paints)	@	P	/tin		P
20 gals.	Elastomeric Waterproofing Paints	@	P	/gal.		P
8 pcs.	7" Paint Roller	@	P	/pc.		P
8 pcs.	Baby Roller Cotton	@	P	/pc.		P
6 pcs.	4" Paint Brush	@	P	/pc.		P
6 pcs.	3" Paint Brush	@	P	/pc.		P
2 gals.	Paint Thinner	@	P	/gal.		P
						<b>P</b>
<b>LABOR:</b>						
1	Construction Foreman	@	P	/day	for 18 days	P
8	Skilled Laborer	@	P	/day	for 18 days	P
8	Unskilled Laborer	@	P	/day	for 18 days	P
						<b>P</b>
Estimated Direct Cost						P
Contractor's Profit 10%						P
Overhead, Contingencies and Miscellaneous (O.C.M.) 12%						P
Value Added Tax (VAT) 5%						P
<b>Item Cost</b>						<b>P</b>

**SUMMARY ESTIMATES FOR THE REPAIR AND MAINTENANCE OF ROOFS OF VARIOUS BUILDINGS / FACILITIES AT  
DA-AGRICULTURAL TRAINING INSTITUTE (ATI) - REGIONAL TRAINING CENTER CALABARZON, BRGY. LAPIDARIO,  
TRECE MARTIRES CITY, CAVITE**

**S U M M A R Y**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>ITEM COST</i>
I.	GENERAL REQUIREMENTS	P <input type="text"/>
II.	SITE CLEARING	P <input type="text"/>
III.	ROOFING WORKS	P <input type="text"/>
	<b>TOTAL PROJECT COST</b>	<b>P <input type="text"/></b>

Prepared By:

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Signature over printed name of Contractor