

Republic of the Philippines Department of Agriculture AGRICULTURAL TRAINING INSTITUTE REGIONAL TRAINING CENTER 1 Regional Training Center: Bray, Tabus, Batac Cty, Ilcocs Norte, Tel. No.: (077) 600-1096 Satellite Training Center: Bry, Tabus, Batac Cty, Ilcocs Norte, Tel. No.: (077) 600-1096 Email Address: rcf. doc@ait.da.gov.ph; Website: www.afi2.da.gov.ph/sfi-1; wwwe-extension.gov.ph

Project : ESTABLISHMENT OF SWINE ARTIFICIAL INSEMINATION (AI) SA BARANGAY WITH FACILITIES AND EQUIPMENT

Project No.:

Location : Agustin Integrated Farm, Palongpong, Batac City, Ilocos Norte

		1		DETA	LED BREAKDOWN	OF COMPONENT		IVI					
ITEM NO.	DESCRIPTION	%	QTY.	UNIT	DIRECT COST						MARK-UP		
		,,,	V		MATERIAL	LABOR	EQUIPMENT	UNIT COST	TOTAL	%	VALUE	5% VAT	TOTAL COS
PART I	OTHER GENERAL REQUIREMENTS												
	Permits and Clearances		1.00	l.s.									
	Project Billboard / Sign Board		1.00	ea.									
	Occupational Safety and Health Program		1.00	l.s.									
	Mobilization / Demobilization		1.00	l.s.									
	Temporary Facilities		1.00	l.s.									
	TOTAL OF PART I												
PART II	CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/ PLUMBING WORKS												
PART A	EARTHWORKS												
	Clearing and Grubbing		1.00	l.s.									
	Structure Excavation (Common Soil)		40.00	cu.m									+
	Embankment	1			1		+			1	 	1	+
	Gravel Fill		25.00 12.00	cu.m	}		+			-	 	}	+
	TOTAL OF PART A		12.00	cu.m									+
PART B	PLAIN AND REINFORCED CONCRETE WORKS												
	Structural Concrete (3000psi @ 28 days)		26.00	au 100									
			36.00	cu.m									
	Reinforcing Steel (Deformed), Grade 40		3430.00	kg									4
	Formworks & Falseworks		120.00	sq.m									4
	TOTAL OF PART B												
PART C	FINISHING												
1 Masonry Works													↓
	CHB Non Load Bearing (including Reinforcing Steel), 100mm		80.10	sq.m									↓
	CHB Load Bearing (including Reinforcing Steel), 150mm		35.90	sq.m									
	Sub - Total C.1												
2 Fabricated Mat	erials												
	Wooden Door, PVC Flush Door and Steel Door Panel		14.91	sq.m									
	Door Jambs and Accessories		1.00	l.s.									
	Aluminum Sliding Windows		1.80	sq.m									T
	Sub - Total C.2												
3 Finishing Work	S												
_	Cement Plaster Finish		232.00	sq.m									1
	Cement Floor Finish (Semi-smooth)		103.60	sq.m									1
	Ceiling (Metal Frame, Corrugated Metal Sheet)		103.60	sq.m									
	Ceiling (Metal Frame, Fiber Cement Board)		43.90	sq.m			1				t	1	1
	Fascia Board (19mm, Fiber Cement Board)		71.20	l.m									
	Reflective Insulation		226.24	sq.m							†		+
	Unglazed Tiles		25.00	sq.m									+
	Sub - Total C.3		23.00	34.III									+
A Poof Framing a	and Roofing Works				-		+			-	 	}	+
			226.24	ca m	-		+			-	 	}	+
	Pre-painted Metal Sheet (Corrugated, Long Span)			sq.m									+
	Structural Steel (Trusses)		815.00	kg									+
	Structural Steel (Purlins)		785.00	kg			ļ						4
	Frabricated Metal Roofing Accessory (Ridge/Hip rolls, Ga. 26)		36.50	l.m									4
	Fabricated Metal Roofing Accessory (Flashing, Ga. 26)		50.26	l.m			<u> </u>				<u> </u>	Į	1
	Fabricated Metal Roofing Accessory (Gutter, Gauge 24)		46.85	l.m							<u> </u>		1
	Sub - Total C.4												1
5 Plumbing / San	itary Works					-							
	Sewer Line Works	I	1.00	l.s				I					

	Cold Water lines	1	1.00	1.0		ı	ı			ı
				l.s						
	Plumbing Fixtures		1.00	l.s						
	Biogas Plant		1.00	l.s						
	Sub - Total C.5									
	TOTAL OF PART C									
PART D	ELECTRICAL WORKS									
	Conduit, Boxes, and Fittings (Conduit Works / Conduit Rough-in)		1.00	l.s						
	Wires and Wiring Devices		1.00	l.s						
	Panel Board with Main Breaker		1.00	l.s						
	Lighting Fixtures & Lamps		1.00	l.s						
	TOTAL OF PART D									
PART E	EQUIPMENTS									
	Tunnel Vent System		1.00	set						
	Drop-down Curtain System		2.00	set						
	Dummy Sow		1.00	set						
	Climate Control		1.00	set						
	Boar Pen		1.00	l.s.						
	Perimeter Fence		1.00	l.s						
	Pathwalks		1.00	l.s						
	TOTAL OF PART D									
	GRAND TOTAL									

Prepared by: Approved by: Reviewed by:

ENGR. MARIEL A. DE VERA GRACE T. VENTURA, Ph. D.

Engineer I **PAS Section Chief** OIC-Center Director

JAYVEE BRYAN G. CARILLO, Ph.D.