



Republic of the Philippines
Cagayan State University
Central Administration
Caritan Sur, Tuguegarao City, Cagayan, 3500

UNIVERSITY INFRASTRUCTURE OFFICE

PROGRAM OF WORK

Name of Project: **ESTABLISHMENT OF POULTRY HOUSE**
Location of Project: **CAGAYAN STATE UNIVERSITY - PIAT CAMPUS**
Starting Date: **Upon Approval**
Time of Completion: **30 C.D.**
Budget: **P 266,519.40**

Appropriation: _____
Source of Fund: _____
Project Dimension: **5.0m x 6.0m**

ITEM NO.	DESCRIPTION OF WORK	% OF	LABOR/EQUIPMENT/REQUIREMENTS	
			DESCRIPTION	NEEDED (unit)
I	SITE WORKS		CIVIL ENGINEER / SITE ENGINEER, SITE ARCHITECT	1
II	FORMWORKS		FOREMAN, SKILLED AND LABORER	ALL
III	CONCRETE WORKS		TIME KEEPER	1
IV	MASONRY WORKS		BAGGER MIXER	1
V	PLASTERING WORKS		WELDING MACHINE	1
VI	STRUCTURAL STEEL WORKS		BAR CUTTER	1
VII	ROOFING AND SIDING WORKS			
VIII	PAINTING WORKS			
TOTAL				

ITEM NO.	DESCRIPTION OF WORK	UNIT	QUANTITY	ESTIMATED COST OF WORK	
				UNIT COST	AMOUNT
I	SITE WORKS	lot	1		
II	FORMWORKS	lot	1		
III	CONCRETE WORKS	m ³	2.49		
IV	MASONRY WORKS	m ²	23.20		
V	PLASTERING WORKS	m ²	46.40		
VI	STRUCTURAL STEEL WORKS	m ²	201.60		
VII	ROOFING AND SIDING WORKS	m ²	201.60		
VIII	PAINTING WORKS	lot	1		

A.	COST (MATERIAL AND LABOR)	P
B.	OCM (15% OF A)	P
C.	PROFIT (10% OF A)	P
D.	INDIRECT COST (B+C)	P
E.	VAT (A+D)*12%	P
F.	TOTAL ESTIMATED COST (A+D+E)	P

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UNIVERSITY DIRECTOR - UNIVERSITY INFRASTRUCTURE OFFICE

APPROVED BY:

HILAR C. DANGATAN, Ph.D.
CAMPUS EXECUTIVE OFFICER (CEO) - CSU PIAT CAMPUS



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UNIVERSITY INFRASTRUCTURE OFFICE
BILL OF MATERIALS AND SCOPE OF WORKS

Project: ESTABLISHMENT OF POULTRY HOUSE
Location: CAGAYAN STATE UNIVERSITY - PIAT CAMPUS

ITEM I: SITE WORKS

1 lot

B.1. LABOR FOR CLEARING AND GRUBBING					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	1		
1	784.44	Skilled Worker	1		
1	603.98	Laborer	1		
SUB TOTAL				P	
TOTAL OF LABOR FOR CLEARING AND GRUBBING				P	
B.2. LABOR FOR STRUCTURE EXCAVATION					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	1		
2	784.44	Skilled Worker	1		
2	603.98	Laborer	1		
SUB TOTAL				P	
TOTAL OF LABOR FOR STRUCTURE EXCAVATION				P	

TOTAL LABOR COST
TOTAL ITEM I COST

P
P

ITEM II: FORMWORKS

1 lot

A.1. MATERIALS					
Item No.	Unit	Description	Qty	U/Price	Amount
1	pcs	3/4" x 4' x 8' phenolic board	2	/pc	
2	bd.ft.	10 pcs. - 2"x2"x12' good lumber	40.00	/bd.ft.	
3	kgs	Assorted Common wire nails	5	/kg	
SUB TOTAL				P	
TOTAL OF MATERIALS FOR FORMWORKS				P	
B.1. LABOR FOR FORMWORKS					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	1		
1	784.44	Carpenter	1		
SUB TOTAL				P	
TOTAL OF LABOR FOR FORMWORKS				P	

TOTAL MATERIAL COST
TOTAL LABOR COST
TOTAL ITEM II COST

P
P
P

ITEM III: CONCRETE WORKS

1.220 m³

A.1. MATERIALS					
Item No.	Unit	Description	Qty	U/Price	Amount
1	bags	Portland cement	11	/bag	
2	m ³	Screened sand	0.610	/m ³	
3	m ³	3/4" Crushed gravel	1.220	/m ³	
SUB TOTAL				P	
TOTAL OF MATERIALS FOR CONCRETE WORKS				P	
B.1. LABOR					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	1		
1	784.44	Mason	1		
1	603.98	Laborer	1		
SUB TOTAL				P	
TOTAL OF B.1				P	
TOTAL OF LABOR FOR CONCRETE WORKS				P	

TOTAL MATERIAL COST
TOTAL LABOR COST
TOTAL ITEM III COST

P
P
P

ITEM IV : MASONRY WORKS

15.400 m²

A.1. MATERIALS					
Item No.	Unit	Description	Qty	U/Price	Amount
1	pcs	4" concrete hollow blocks	245	/pc	
2	bags	Portland Cement	12	/bag	
3	m ³	Screened sand	1	/m ³	
4	kgs	25 pcs - 10 mm Ø x 6.0m RSB - Grade 40	92,400	/kg	
5	kgs	Gauge #16 tie wire	2	/kg	
SUB TOTAL					P
TOTAL OF MATERIALS					P
B.1. LABOR					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	1		
1	784.44	Mason	1		
2	603.98	Laborer	1		
SUB TOTAL					P
TOTAL OF B.1					P
TOTAL OF LABOR					P

TOTAL MATERIAL COST

P

TOTAL LABOR COST

P

TOTAL ITEM IV COST

P

ITEM V : PLASTERING WORKS

30.800 m²

A.1. MATERIALS					
Item No.	Unit	Description	Qty	U/Price	Amount
1	bags	Portland cement	12	/bag	
2	cu.m	Pure sand	1	/m ³	
TOTAL OF A.1-1					P
TOTAL OF MATERIALS					P
B.1. LABOR					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	1		
1	784.44	Mason	1		
1	603.98	Laborer	1		
SUB TOTAL					P
TOTAL OF B.1					P
TOTAL OF LABOR					P

TOTAL MATERIAL COST

P

TOTAL LABOR COST

P

TOTAL ITEM V COST

P

ITEM VI : STRUCTURAL STEEL WORKS

30.00 m²

A.1. MATERIALS					
Item No.	Unit	Description	Qty	U/Price	Amount
1	pcs	2" x 6.0m GI Pipe sch 40	13	/pc	
2	kgs	6 pcs - 10 mm Ø x 6.0m RSB - Grade 40	22,176	/kg	
3	pcs	5.0mm x 50mm x 100mm x 6.0m Channel Bar	12	/pc	
4	pcs	1.5mm x 50mm x 100mm x 6.0m C- purlins	20	/pc	
5	kgs	2 pcs - 5.0 mm x 38 mm x 38 mm x 6.0m - Angle bar	33,440	/kg	
6	box	Welding Rod e6013- 2.50 kgs / box	10	/box	
7	pcs	Cutting disk 14"	10	/pc	
8	pcs	Grinding disk 4"	10	/pc	
SUB TOTAL					P
TOTAL OF MATERIALS					P
B.1. LABOR					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	4		
2	784.44	Steelman	4		
2	603.98	Laborer	4		
SUB TOTAL					P
TOTAL OF B.1					P
TOTAL OF LABOR					P

TOTAL MATERIAL COST

P

TOTAL LABOR COST

P

TOTAL ITEM VI COST

P

ITEM VII : ROOFING AND SIDING WORKS

30.00 m²

A.1. MATERIALS					
Item No.	Unit	Description	Qty	U/Price	Amount
1	l.m.	0.6mm thick Ordinary Corrugated long span roofing sheets Pre-painted	64	/l.m.	
2	pcs	0.6mm thk x 8' Roof flashing - pre-painted	10	/pc	
3	pcs	0.6mm thk x 8' Roof gutter - pre-painted	8	/pc	
4	pcs	Fascia Board 250mm x 2.40m x 12mm thk	17	/pc	
5	m	Cyclone Wire 5ft	22	/m	
6	roll	Black Net x 30m	2	/roll	
7	boxes	Tek screw - 2 1/2"	2	/box	
8	lot	Consumables	1	/lot	
SUB TOTAL					P
TOTAL OF MATERIALS					P

B.1. LABOR					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	4		
2	784.44	Skilled Worker	4		
2	603.98	Laborer	4		
SUB TOTAL					P
TOTAL OF B.1					P
TOTAL OF LABOR					P

TOTAL MATERIAL COST

P

TOTAL LABOR COST

P

TOTAL ITEM VII COST

P

ITEM VIII : PAINTING WORKS (METAL PAINTINGS)

1.0 lot

A.1. MATERIALS					
Item No.	Unit	Description	Qty	U/Price	Amount
1	gal	Red Oxide Primer	2	/gal	
2	gal	Silver Finish Aluminum	2	/gal	
3	gal	Paint Thinner	2	/gal	
4	pcs	4" Paint Brush	5	/pc	
SUB TOTAL					P
TOTAL OF A.1-1					P
TOTAL OF MATERIALS					P

B.1. LABOR					
Qty	Rate/d	Designation	Days	Unit Cost	Amount
1	1081.49	Foreman	1		
1	784.44	Painter	1		
SUB TOTAL					P
TOTAL OF B.1					P
TOTAL OF LABOR					P

TOTAL MATERIAL COST

P

TOTAL LABOR COST

P

TOTAL ITEM VIII COST

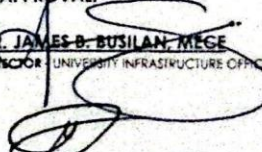
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A.	COST (MATERIAL AND LABOR)	Php
B.	OCM (15% OF A)	Php
C.	PROFIT (10% OF A)	Php
D.	INDIRECT COST (B+C)	Php
E.	VAT (A+D)*12%	Php
F.	TOTAL ESTIMATED COST (A+D+E)	Php

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