

LETTER HEAD

Project
 Owner Benguet State University
 Location BSU La Trinidad Campus, Benguet

BILL OF QUANTITIES					
ITEM No.	ITEMS OF WORK and DESCRIPTION				
I. SERVICE LINE					
1 LOT					
Supply, delivery, installation/mounting of Service line; including all of the necessary installation and mounting accessories as per plan and specifications					
1	material & description	quantity	unit cost	amount	
	150mm ² THHN	100 unit			
2	labor	no.	daily rate	amount	
3	equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount
		output rate		days to complete	
		unit			-
4	Total Direct Cost (1 + 2 + 3)			-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		of item 4	-	
6	Contractor's Profit		of item 4	-	
7	Tax		7% of item 4 + 5 + 6	-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php	-	cost per item
II. GROUNDING SYSTEM (to include lighting protection)					
1 LOT					
1	material & description	quantity	unit cost	amount	
	50mm ² Bare Copper Wire	185 m		-	
	20mm ∅ Copper Clad Ground Rod	8 pcs		-	
	Isothermic Connection (powder & cadwelding)	12 sets		-	
	Lighting Protection (Pulsar 30); assembly	1 set		-	
	Consumables (5% of the materials cost)	1 lot		-	
2	labor	no.	daily rate	no of days	amount
		production rate	-	-	days to complete
3	equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount
		output rate	-	-	days to complete
4	Total Direct Cost (1 + 2 + 3)			-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		of item 4	-	
6	Contractor's Profit		of item 4	-	
7	Tax		7% of item 4 + 5 + 6	-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php	-	cost per item
III. MAIN DISTRIBUTION SYSTEM					
1 LOT					
1	material & description	quantity	unit cost	amount	
	MDP (Main Distribution Panel) 600A, NEMA 2- complete with circuit breaker	1 unit		-	
	Circuit Breaker (main)- 600A, bolt-on	1 unit		-	
	25mm ∅ EMT	100 m		-	
	25mm ∅ PVC	30 m		-	
	pre-fabricated meter center, G.I	1 set		-	
	Consumables (5% of the materials cost)	1 lot		-	
2	labor	no.	daily rate	no of days	amount
		production rate	-	-	days to complete
3	equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount
		output rate	-	-	days to complete
4	Total Direct Cost (1 + 2 + 3)			-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		of item 4	-	
6	Contractor's Profit		of item 4	-	
7	Tax		7% of item 4 + 5 + 6	-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php	-	cost per item

IV CROP PROTECTION LABORATORY -PP1		1	LOT		
1 material & description	quantity	unit cost	amount		
Panel Box; 3pole, 20 Branches, bolt-on NEMA 2	1	unit	-		
Circuit Breaker (main) - 100A bolt-on	1	unit	-		
Circuit Breaker - 60A bolt-on	18	units	-		
25mm x 25mm PVC conduit (from MDP to PB)	15	m	-		
20mm Ø PVC conduit (from PB to CO)	240	m	-		
conduit fittings, elbow	1	lot	-		
22mm ² THHN (from MDP to PB)	68	m	-		
3.5mm ² THHN (from PB to CO)	480	m	-		
3-prong, universal duplex convenience outlet with ground, (2P ground fault circuit interrupter), 60A	15	pcs	-		
surface type utility box with cover	20	pcs	-		
surface type junction box with cover	5	pcs	-		
square box	5	pcs	-		
consumables (5% of the materials cost)	1	lot	-		
2 labor	no.	daily rate	no of days	amount	-
production rate		days to complete			
		-			
		-			
3 equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount	-
output rate		days to complete			
		-			
		-			
		-			
4 Total Direct Cost (1 + 2 + 3)			-		
5 OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)	of item 4		-		
6 Contractor's Profit	of item 4		-		
7 Tax	7% of item 4 + 5 + 6		-		
8 Total Unit Cost (4 + 5 + 6 + 7)	Php		-	cost per item	
V SOIL, PLANT & WATER LABORATORY - A- PP2					
		1	LOT		
1 material & description	quantity	unit cost	amount		
Panel Box; 3pole, 20 branches, bolt-on, NEMA 2	1	unit	-		
Circuit Breaker (main) -125A, bolt-on	1	unit	-		
Circuit Breaker - 60A, bolt-on	18	units	-		
25mm x 25mm PVC conduit (from MDP to PB)	25	m	-		
20mm Ø PVC conduit (from PB to CO)	204	m	-		
conduit fittings, elbow	1	lot	-		
30mm ² THHN (from MDP to PB)	84	m	-		
3.5mm ² THHN (from PB to CO)	408	m	-		
3-prong, universal duplex convenience outlet with ground (2P Ground Falut Circuit Interrupter), 60A	17	pcs	-		
surface type utility box with cover	20	pcs	-		
surface type junction box with cover	5	pcs	-		
Square box	3	pcs	-		
Consumalbes (5% of the materials cost)	1	lot	-		
2 labor	no.	daily rate	no of days	amount	-
production rate		days to complete			
		-			
		-			
3 equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount	-
output rate		days to complete			
		-			
		-			
		-			
4 Total Direct Cost (1 + 2 + 3)			-		
5 OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)	of item 4		-		
6 Contractor's Profit	of item 4		-		
7 Tax	7% of item 4 + 5 + 6		-		
8 Total Unit Cost (4 + 5 + 6 + 7)	Php		-	cost per item	

VI SOIL, PLANT & WATER LABORATORY-b- PP3		1	LOT		
1 material & description	quantity	unit cost	amount		
Panel Box; 3 pole, 20 branches, bolt-on, NEMA 2	1	unit			
Circuit Breaker (main)-125A , bolt-on	1	unit			
Circuit Breaker -60A, bolt-on	18	units			
25mm x 25mm PVC conduit (from MDP to PB)	37	m			
20mm Ø PVC conduit (from PB to CO)	61	m			
conduit fittings, elbow	1	lot			
30mm ² THHN (from MDP to PB)	100	m			
3.5mm ² THHN (from PB to CO)	672	m			
3-prong universal duplex convenience outlet with ground, (2P ground fault interrupter), 60A	14	pcs			
surface type utility box with cover	20	pcs			
surface type junction box with cover	5	pcs			
square box	3	pcs			
Consumables (5% of the materials cost)	1	lot			
2 labor	no.	daily rate	no of days	amount	-
production rate			days to complete		
			-		
			-		
			-		
3 equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount	-
output rate			days to complete		
			-		
			-		
			-		
4 Total Direct Cost (1 + 2 + 3)				-	
5 OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		of item 4		-	
6 Contractor's Profit		of item 4		-	
7 Tax		7% of item 4 + 5 + 6		-	
8 Total Unit Cost (4 + 5 + 6 +7)		Php		-	cost per item
VII BIOTECH LAB- PP4		1	LOT		
1 material & description	quantity	unit cost	amount		
Panel Box; 3pole, 20 branches, bolt-on, NEMA 2	1	unit			
Circuit Breaker (main)-100A, bolt-on	1	unit			
Circuit Breaker - 60A, bolt-on	18	units			
25mm x 25mm PVC conduit (from MDP to PB)	45	m			
20mm Ø PVC conduit (from PB to CO)	168	m			
conduit fittings, elbow	1	lot			
22mm ² THHN (from MDP to PB)	180	m			
3.5mm ² THHN (from PB to CO)	436	m			
3-prong universal duplex convenience outlet with ground, (2P Ground Fault Circuit Interrupter), 60A	18	pcs			
surface type utility box with cover	20	pcs			
surface type junction box with cover	5	pcs			
square box	5	pcs			
Consumables (5% of the materials cost)	1	lot			
2 labor	no.	daily rate	no of days	amount	-
production rate			days to complete		
			-		
			-		
			-		
3 equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount	-
output rate			days to complete		
			-		
			-		
			-		
4 Total Direct Cost (1 + 2 + 3)				-	
5 OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		of item 4		-	
6 Contractor's Profit		of item 4		-	
7 Tax		7% of item 4 + 5 + 6		-	
8 Total Unit Cost (4 + 5 + 6 +7)		Php		-	cost per item

VIII FIRE PUMP-PP5					
1 material & description	quantity		unit cost	amount	-
Panel Box; 3 pole, 10 branches, bolt-on, NEMA 2	1.00	unit		-	
Circuit Breaker (main)- 100A, bolt-on	1.00	unit			
Circuit Breaker-60A, bolt-on	5.00	unit			
25mm Ø PVC conduit (from MDP to PB)	30.00	m			
20mm Ø PVC conduit (from PB to CO)	30.00	lot			
conduit fittings, elbow	1.00	lot			
22mm ² THHN (from MDP to PB)	30.00	m			
14mm ² THHN (from PB to CO)	30.00	m			
5.5mm ² THHN (from PB to CO)	60.00	m			
surface type utility box with cover	5.00	pcs			
surface type junction box with cover	5.00	pcs			
Square box	2.00	pcs			
Consumables (5% of the materials cost)	1.00	lot			
2 labor -place	no.		daily rate	no of days	amount
		production rate		days to complete	
				-	
				-	
3 equipment (rental based on ACEL rates)	unit		daily rental	no of days	amount
		output rate		days to complete	
				-	
				-	
4 Total Direct Cost (1 + 2 + 3)				-	
5 OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4	-	
6 Contractor's Profit			of item 4	-	
7 Tax			7% of item 4 + 5 + 6	-	
8 Total Unit Cost (4 + 5 + 6 +7)			Php	-	cost per item
SUMMARY					
Item	Description/ Particulars		Amount		
I	Service Line				
II	Grounding System (to include lightning protection)				
III	Main Distribution System				
IV	Crop Protection Laboratory - PP1				
V	Soil, Plant & Water Laboratory-A- PP2				
VI	Soil, Plant & Water Laboratory-B- PP3				
VII	Biotech Lab - PP4				
VIII	Fire Pump- PP5				
Prepared by:					
CONTRACTOR'S NAME/ REPRESENTATIVE Position/ Designation Name of Construction Firm Date: _____					