

Project Title : **EXTENSION of GREENHOUSE and COMPOSTING FACILITY with REHABILITATION OF GARDENER's BUNKHOUSE**

Location : Historical Core, Camp John Hay

Subject : BILL OF QUANTITIES

**A. EXTENSION OF GREENHOUSE**

Item **102** : **Excavation, Backfilling and Disposal** Qty = **5.04** cu m

<b>1. LABOR</b>				
Qty	Description	Rate	No. of Days	Amount
	Foreman	per day	for day =	P -
	Unskilled	per day	for day =	P -
<i>Sub-Total</i>				P -
A. DIRECT COST				P -
B. INDIRECT COST				P -
	OCM	15%	P -	
	Contractor's Profit	10%	P -	
	VAT	5%	P -	
<b>TOTAL ITEM COST</b>				<b>P -</b>
<b>Unit Cost</b>				<b>P -</b>

Item **403** : **Metal Works (including shelves)** Qty = **1.00** lot

<b>1. MATERIALS</b>				
Qty	Unit	Description	Unit Cost	Amount
42	pcs	Web forge fence		<b>JHMC stock</b>
35	pcs	50mm diameter G.I. PIPE Columns (sch 20)	per pc =	P -
11	pcs	25mm diameter G.I. PIPE (sch 20) for Shelves	per pc =	P -
28	pcs	50mm x 75mm x 1.0mm C-purlins	per pc =	P -
11	pcs	50mm x 100mm x 1.0mm C-purlins Fascia	per pc =	P -
12	pcs	38mm x 38mm x 5mm Angle bars (Truss)	per pc =	P -
8	pcs	50mm x 50mm x 5mm Angle bars (Truss)	per pc =	P -
47	pcs	25mm x 25mm x 5mm Angle bars (Shelves)	per pc =	P -
30	pcs	4.5mm thk fibercement board	per pc =	P -
5	boxes	Blind rivets	per box =	P -
6	pcs	Grinding disc 4" Ø	per pc =	P -
8	pcs	Speed cutter disc	per pc =	P -
18	cls	Welding rod	per cls =	P -
<i>Sub-Total</i>				P -
<b>2. LABOR</b>				
Qty	Description	Rate	No. of Days	Amount
	Foreman	per day	for day =	P -
	Skilled	per day	for day =	P -
	Laborer	per day	for day =	P -
<i>Sub-Total</i>				P -
<b>3. EQUIPMENT RENTAL</b>				
Qty	Description	Operated Rate	No. of Days	Amount
	Welding machine	per day	for day =	P -
	Speed cutter	per day	for day =	P -
	Edger	per day	for day =	P -
	Minor Tools (5% of Labor)			P -
<i>Sub-Total</i>				P -
A. DIRECT COST				P -
B. INDIRECT COST				P -
	OCM	15%	P -	
	Contractor's Profit	10%	P -	
	VAT	5%	P -	

<b>TOTAL ITEM COST</b>	<b>P</b>	<b>-</b>
<b>Unit Cost</b>	<b>P</b>	<b>-</b>

Item **900** : **Reinforced Concrete Works** Qty = **3.26** cu m

<b>1. MATERIALS</b>					
Qty	Unit	Description	Unit Cost		Amount
40	pcs	12 mm diam rebars x 6mt	per pcs =	P	-
23	pcs	10 mm diam rebars x 6mt	per pcs =	P	-
4	kgs	#16 G.I. Tie wire, Ga. 16	per kgs =	P	-
4	pcs	1/4" x 4' x 8' ordinary plywood	per pcs =	P	-
80	bd ft	2" x 2" x 10" rough lumber	per bd ft =	P	-
10	cls	Assorted nails	per cls =	P	-
25	bgs	Portland cement	per bgs =	P	-
2	cu m	River Sand	per cu m =	P	-
8	cu m	Gravel (including gravel top)	per cu m =	P	-
<i>Sub-Total</i>					P -
<b>2. LABOR</b>					
Qty	Description	Rate	No. of Days	Amount	
	Foreman	per day	for day =	P	-
	Skilled	per day	for day =	P	-
	Unskilled	per day	for day =	P	-
<i>Sub-Total</i>					P -
A. DIRECT COST					P -
B. INDIRECT COST					P -
OCM			15%	P	-
Contractor's Profit			10%	P	-
VAT			5%	P	-
<b>TOTAL ITEM COST</b>					<b>P -</b>
<b>Unit Cost</b>					<b>P -</b>

Item **901** : **Masonry Works** Qty = **10.56** sq m

<b>1. MATERIALS</b>					
Qty	Unit	Description	Unit Cost		Amount
8	pcs	10 mm diam rebars x 6mt	per pcs =	P	-
0.5	kg	#16 G.I. Tie wire, Ga. 16	per kg =	P	-
8	bgs	Portland cement	per bgs =	P	-
1	cu m	River Sand	per cu m =	P	-
145	pcs	4" CHB	per pcs =	P	-
<i>Sub-Total</i>					P -
<b>2. LABOR</b>					
Qty	Description	Rate	No. of Days	Amount	
	Foreman	per day	for day =	P	-
	Skilled	per day	for day =	P	-
	Unskilled	per day	for day =	P	-
<i>Sub-Total</i>					P -
A. DIRECT COST					P -
B. INDIRECT COST					P -
OCM			15%	P	-
Contractor's Profit			10%	P	-
VAT			5%	P	-
<b>TOTAL ITEM COST</b>					<b>P -</b>
<b>Unit Cost</b>					<b>P -</b>

Item **1032** : **Painting Works** Qty = **1.00** lot

<b>1. MATERIALS</b>					
Qty	Unit	Description	Unit Cost		Amount
3	gls	Red oxide primer	per gls =	P	-
4	gls	Paint, QDE, baguio green	per gls =	P	-
2	gl	Thinner, Paint	per gl =	P	-
2	gl	Thinner, Lacquer	per gl =	P	-
3	pcs	Brush, Paint 4"	per pcs =	P	-
3	pcs	Brush, Paint 2"	per pcs =	P	-

1	kg	Stupa rug		per kg =	P	-	
<b>Sub-Total</b>					P	-	
<b>2. LABOR</b>							
<i>Qty</i>	<i>Description</i>		<i>Rate</i>		<i>No. of Days</i>		<i>Amount</i>
	Foreman		per day	for	day =	P -	
	Skilled		per day	for	day =	P -	
	Unskilled		per day	for	day =	P -	
<b>Sub-Total</b>					P	-	
A. DIRECT COST					P	-	
B. INDIRECT COST					P	-	
OCM					15%	P -	
Contractor's Profit					10%	P -	
VAT					5%	P -	
<b>TOTAL ITEM COST</b>					<b>P</b>	<b>-</b>	
<b>Unit Cost</b>					<b>P</b>	<b>-</b>	

Item **1101** : **Electrical Works** Qty = **1.00** lot

<b>1. MATERIALS</b>							
<i>Qty</i>	<i>Unit</i>	<i>Description</i>		<i>Unit Cost</i>		<i>Amount</i>	
8	pcs	PVC Electrical conduit 1/2" diameter		per pcs =	P	-	
9	pcs	LED bulb, 9w		per pcs =	P	-	
9	pcs	Receptacle outlet		per pcs =	P	-	
15	mt	#2.0 mm2 THHN stranded copper wire		per mt =	P	-	
40	mt	#3.5 mm2 THHN stranded copper wire		per mt =	P	-	
2	set	Two-gang switch with plate		per set =	P	-	
7	pcs	Utility box		per pcs =	P	-	
5	pcs	Junction box		per pcs =	P	-	
1	ca	Solvent cement		per ca =	P	-	
1	roll	Electrical tape, plastic		per roll =	P	-	
1	pc	Circuit breakers (15 Amps) with housing		per pc =	P	-	
<b>Sub-Total</b>					P	-	
<b>2. LABOR</b>							
<i>Qty</i>	<i>Description</i>		<i>Rate</i>		<i>No. of Days</i>		<i>Amount</i>
	Foreman		per day	for	day =	P -	
	Skilled		per day	for	day =	P -	
	Unskilled		per day	for	day =	P -	
<b>Sub-Total</b>					P	-	
A. DIRECT COST					P	-	
B. INDIRECT COST					P	-	
OCM					15%	P -	
Contractor's Profit					10%	P -	
VAT					5%	P -	
<b>TOTAL ITEM COST</b>					<b>P</b>	<b>-</b>	
<b>Unit Cost</b>					<b>P</b>	<b>-</b>	

Item **SPL-1** : **Corrugated Fiberglass Roofing** Qty = **94.90** sq m

<b>1. MATERIALS</b>							
<i>Qty</i>	<i>Unit</i>	<i>Description</i>		<i>Unit Cost</i>		<i>Amount</i>	
70	pcs	Corrugated Fiberglass Roofing, 8 ft		per pcs =	P	-	
6	pcs	Ridge Roll, ordinary flat sheet		per pcs =	P	-	
800	pcs	Tek screw		per pcs =	P	-	
<b>Sub-Total</b>					P	-	
<b>2. LABOR</b>							
<i>Qty</i>	<i>Description</i>		<i>Rate</i>		<i>No. of Days</i>		<i>Amount</i>
	Foreman		per day	for	day =	P -	
	Skilled		per day	for	day =	P -	
	Laborer		per day	for	day =	P -	
<b>Sub-Total</b>					P	-	
<b>3. EQUIPMENT RENTAL</b>							
<i>Qty</i>	<i>Description</i>		<i>Operated Rate</i>		<i>No. of Days</i>		<i>Amount</i>
	Power drill		per day	for	day =	P -	
	Minor Tools (5% of Labor)					P -	

<i>Sub-Total</i>				P	-
A. DIRECT COST				P	-
B. INDIRECT COST				P	-
OCM	15%	P	-		
Contractor's Profit	10%	P	-		
VAT	5%	P	-		
<b>TOTAL ITEM COST</b>				<b>P</b>	<b>-</b>
<b>Unit Cost</b>				<b>P</b>	<b>-</b>

Item **SPL-2** : **Construction Safety & Health** Qty = **1.00** l.s.

<b>1. LABOR</b>				
Qty	Description	Rate	No. of Days	Amount
	Part Time Safety Practitioner	per day	for _____ days =	P -
	First Aider	per day	for _____ days =	P -
<i>Sub-Total</i>				P -
A. DIRECT COST				P -
B. INDIRECT COST				P -
OCM	0%	P	-	
Contractor's Profit	10%	P	-	
VAT	5%	P	-	
<b>TOTAL ITEM COST</b>				<b>P -</b>
<b>Unit Cost</b>				<b>P -</b>

<b>TOTAL COST Item A</b>	<b>PHP</b>	<b>-</b>
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**B. REHABILITATION and EXTENSION OF COMPOSTING FACILITY**

Item **102** : **Excavation, Backfilling and Disposal** Qty = **11.43** cu m

<b>1. LABOR</b>				
Qty	Description	Rate	No. of Days	Amount
	Foreman	per day	for _____ day =	P -
	Unskilled	per day	for _____ day =	P -
<i>Sub-Total</i>				P -
A. DIRECT COST				P -
B. INDIRECT COST				P -
OCM	15%	P	-	
Contractor's Profit	10%	P	-	
VAT	5%	P	-	
<b>TOTAL ITEM COST</b>				<b>P -</b>
<b>Unit Cost</b>				<b>P -</b>

Item **403** : **Metal Works** Qty = **1.00** lot

<b>1. MATERIALS</b>				
Qty	Unit	Description	Unit Cost	Amount
10	pcs	50mm diameter G.I. PIPE Columns (sch 20)	per pc =	P -
15	pcs	50mm x 50mm x 5mm Angle bars (Truss)	per pc =	P -
25	pcs	50mm x 75mm x 1.0mm C-purlins	per pc =	P -
12	pcs	Corrugated Fiberglass Roofing, 8 ft	per pcs =	P -
20	pcs	Corrugated G.I. Roofing, 8 ft	per pcs =	P -
5	pcs	4.5mm thk fibercement board	per pc =	P -
2	pcs	Web forge material (for shredder enclosure)		<b>JHMC stock</b>
1	boxe	Blind rivets	per box	P -
4	pcs	Grinding disc 4" Ø	per pc =	P -
2	pcs	Speed cutter disc	per pc =	P -
3	cls	Welding rod	per cls =	P -
<i>Sub-Total</i>				P -
<b>2. LABOR</b>				
Qty	Description	Rate	No. of Days	Amount
	Foreman	per day	for _____ day =	P -
	Skilled	per day	for _____ day =	P -
	Laborer	per day	for _____ day =	P -

<i>Sub-Total</i>				P	-
<b>3. EQUIPMENT RENTAL</b>					
<i>Qty</i>	<i>Description</i>	<i>Operated Rate</i>	<i>No. of Days</i>	<i>Amount</i>	
	Welding machine	per day	for day =	P	-
	Speed cutter	per day	for day =	P	-
	Edger	per day	for day =	P	-
	Minor Tools (5% of Labor)			P	-
<i>Sub-Total</i>				P	-
A. DIRECT COST				P	-
B. INDIRECT COST				P	-
OCM		15%	P -		
Contractor's Profit		10%	P -		
VAT		5%	P -		
<b>TOTAL ITEM COST</b>				<b>P</b>	<b>-</b>
<b>Unit Cost</b>				<b>P</b>	<b>-</b>

Item **900** : **Reinforced Concrete Works** Qty = **3.48** cu m

<b>1. MATERIALS</b>					
<i>Qty</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Cost</i>		<i>Amount</i>
73	pcs	12 mm diam rebars x 6mt	per pcs =	P	-
49	pcs	10 mm diam rebars x 6mt	per pcs =	P	-
25	kgs	#16 G.I. Tie wire, Ga. 16	per kgs =	P	-
7	pcs	1/4" x 4' x 8' ordinary plywood	per pcs =	P	-
185	bd ft	2" x 2" x 10" rough lumber	per bd ft =	P	-
10	cls	Assorted nails	per cls =	P	-
56	bgs	Portland cement	per bgs =	P	-
3	cu m	River Sand	per cu m =	P	-
6	cu m	Gravel	per cu m =	P	-
<i>Sub-Total</i>				P	-
<b>2. LABOR</b>					
<i>Qty</i>	<i>Description</i>	<i>Rate</i>	<i>No. of Days</i>	<i>Amount</i>	
	Foreman	per day	for day =	P	-
	Skilled	per day	for day =	P	-
	Unskilled	per day	for day =	P	-
<i>Sub-Total</i>				P	-
A. DIRECT COST				P	-
B. INDIRECT COST				P	-
OCM		15%	P -		
Contractor's Profit		10%	P -		
VAT		5%	P -		
<b>TOTAL ITEM COST</b>				<b>P</b>	<b>-</b>
<b>Unit Cost</b>				<b>P</b>	<b>-</b>

Item **901** : **Masonry Works** Qty = **28.36** sq m

<b>1. MATERIALS</b>					
<i>Qty</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Cost</i>		<i>Amount</i>
23	pcs	10 mm diam rebars x 6mt	per pcs =	P	-
2	kg	#16 G.I. Tie wire, Ga. 16	per kg =	P	-
42	bgs	Portland cement	per bgs =	P	-
20	cu m	River Sand	per cu m =	P	-
700	pcs	4" CHB	per pcs =	P	-
<i>Sub-Total</i>				P	-
<b>2. LABOR</b>					
<i>Qty</i>	<i>Description</i>	<i>Rate</i>	<i>No. of Days</i>	<i>Amount</i>	
	Foreman	per day	for day =	P	-
	Skilled	per day	for day =	P	-
	Unskilled	per day	for day =	P	-
<i>Sub-Total</i>				P	-
A. DIRECT COST				P	-
B. INDIRECT COST				P	-
OCM		15%	P -		
Contractor's Profit		10%	P -		

VAT	5%	P	-	
<b>TOTAL ITEM COST</b>				<b>P -</b>
<b>Unit Cost</b>				<b>P -</b>

Item **1032 : Painting Works** Qty = **1.00** lot

<b>1. MATERIALS</b>				
Qty	Unit	Description	Unit Cost	Amount
5	gal	Red oxide primer	per gal =	P -
5	gal	Paint, QDE, baguio green	per gal =	P -
3	gal	Paint, roof paint, baguio green	per gal =	P -
1	gal	Thinner, Paint	per gal =	P -
1	gal	Thinner, Lacquer	per gal =	P -
2	pcs	Brush, Paint 4"	per pcs =	P -
2	pcs	Brush, Paint 2"	per pcs =	P -
1	kg	Stupa rug	per kg =	P -
<i>Sub-Total</i>				P -
<b>2. LABOR</b>				
Qty	Description	Rate	No. of Days	Amount
	Foreman	per day	for day =	P -
	Skilled	per day	for day =	P -
	Unskilled	per day	for day =	P -
<i>Sub-Total</i>				P -
A. DIRECT COST				P -
B. INDIRECT COST				P -
OCM			15% P -	
Contractor's Profit			10% P -	
VAT			5% P -	
<b>TOTAL ITEM COST</b>				<b>P -</b>
<b>Unit Cost</b>				<b>P -</b>

Item **SPL-1 : Construction Safety & Health** Qty = **1.00** l.s.

<b>1. LABOR</b>				
Qty	Description	Rate	No. of Days	Amount
	Part Time Safety Practitioner	per day	for days =	P -
	First Aider	per day	for days =	P -
<i>Sub-Total</i>				P -
A. DIRECT COST				P -
B. INDIRECT COST				P -
OCM			0% P -	
Contractor's Profit			10% P -	
VAT			5% P -	
<b>TOTAL ITEM COST</b>				<b>P -</b>
<b>Unit Cost</b>				<b>P -</b>

<b>TOTAL COST Item B</b>	<b>PHP</b>	<b>-</b>
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### C. REHABILITATION of GARDENER's BUNKHOUSE

Item **1003 : Carpentry Works** Qty = **39.22** sq m

<b>1. MATERIALS</b>				
Qty	Unit	Description	Unit Cost	Amount
10	pcs	19mm thk plyboard	per pcs =	P -
60	bd ft	2" x 3", rough lumber, additional studdings	per bd ft =	P -
1	set	W-1, 0.90 x 1.00m wood casement w/ glass	per set =	P -
2	set	W-2, 0.80 x 1.00m wood casement w/ glass	per set =	P -
1	set	W-3, 1.20 x 1.00m wood casement w/ glass	per set =	P -
16	pcs	4.5mm thk fibercement board	per pcs =	P -
1	lot	Assorted hardwares (catches, pullers, etc.)	per lot =	P -
1	lot	Assorted nails	per lot =	P -
<i>Sub-Total</i>				P -
<b>2. LABOR</b>				
Qty	Description	Rate	No. of Days	Amount

	Foreman		per day	for	day =	P	-
	Skilled		per day	for	day =	P	-
	Unskilled		per day	for	day =	P	-
						<i>Sub-Total</i>	P -
						A. DIRECT COST	P -
						B. INDIRECT COST	P -
						OCM	15% P -
						Contractor's Profit	10% P -
						VAT	5% P -
						<b>TOTAL ITEM COST</b>	<b>P -</b>
						<b>Unit Cost</b>	<b>P -</b>

Item **1032** : **Painting Works** Qty = **1.00** lot

<b>1. MATERIALS</b>							
Qty	Unit	Description	Unit Cost			Amount	
3	gal	Paint, flat wall latex paint	per gal	=	P	-	
3	gal	Paint, semi-gloss, baguio green	per gal	=	P	-	
4	gal	Paint, flat wall enamel	per gal	=	P	-	
5	gal	Paint, QDE, white	per gal	=	P	-	
1	gal	Thinner, Paint	per gal	=	P	-	
1	gal	Thinner, Lacquer	per gal	=	P	-	
1	set	Roller Handle, 7" w/ pan	per set	=	P	-	
2	pcs	Brush, Paint 4"	per pcs	=	P	-	
2	pcs	Brush, Paint 2"	per pcs	=	P	-	
1	gal	Easytite with hardener	per gal	=	P	-	
1	lot	Assorted sandpaper	per lot	=	P	-	
1	kg	Stupa rug	per kg	=	P	-	
						<i>Sub-Total</i>	P -
<b>2. LABOR</b>							
Qty	Description	Rate	No. of Days		Amount		
	Foreman	per day	for	day =	P	-	
	Skilled	per day	for	day =	P	-	
	Unskilled	per day	for	day =	P	-	
						<i>Sub-Total</i>	P -
						A. DIRECT COST	P -
						B. INDIRECT COST	P -
						OCM	15% P -
						Contractor's Profit	10% P -
						VAT	5% P -
						<b>TOTAL ITEM COST</b>	<b>P -</b>
						<b>Unit Cost</b>	<b>P -</b>

Item **SPL-1** : **Construction Safety & Health** Qty = **1.00** l.s.

<b>1. LABOR</b>							
Qty	Description	Rate	No. of Days		Amount		
	Part Time Safety Practitioner	per day	for	days =	P	-	
	First Aider	per day	for	days =	P	-	
						<i>Sub-Total</i>	P -
						A. DIRECT COST	P -
						B. INDIRECT COST	P -
						OCM	0% P -
						Contractor's Profit	10% P -
						VAT	5% P -
						<b>TOTAL ITEM COST</b>	<b>P -</b>
						<b>Unit Cost</b>	<b>P -</b>

<b>TOTAL COST Item C</b>	<b>PHP</b>	<b>-</b>
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<b>GRAND TOTAL</b>	<b>PHP</b>	<b>-</b>
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