Lot#1 Intake and Break Pressure Tank

(1) BILL OF QUANTITY 1 INTAKE AND BREAK PRESSURE TANK

CONSTRUCTION OF INTAKE AND BREAK PRESSURE TANK FOR WATER SUPPLY SYSTEM IN **LOILEN TOWNSHIP**

(Inside Dimension ~ 3'-0" x 3'-0" x 3'-0")

(Intake Location ~ Kyein Khan – 1, Lae Laung – 1, Lone Tway – 1, Nin Hee – 1, Kone Long – 1, Wan Kaut Lon – 1) (Break Pressure Tank Location ~ Kyein

Khan - 1)

Material & Labor	Unit	Qty
Cement	Bag	5
Sand	Cft	18
Chipping (Crushed stone ¾" -1")	Cft	18
Brick (Lime concrete block brick; 11" x 4.5" x 6")	No	206
3/8" Ø M.S bar	Lbs	18
G.I Pipe 1" Ø (China)	Rft	3.5
G.I Pipe 1½" Ø (China)	Rft	8
G.I Union 1½" Ø (China)	No	1
G.I Globe valve 1½" Ø (China)	No	1
G.I Tee 1½" - 1" - 1½" Ø (China)	No	1
G.I End cap 1½" Ø (China)	No	1
Sub Total - Materials (I)		
Mason	No	3
Hard labor	No	8
Sub Total - Labor (II)		
Total - Materials and Labor (I + II)		
Contingency & Other charges (approx; 5% of Material & Labor Cost) (III)		
	Cement Sand Chipping (Crushed stone ¾" -1") Brick (Lime concrete block brick; 11" x 4.5" x 6") 3/8" Ø M.S bar G.I Pipe 1" Ø (China) G.I Pipe 1½" Ø (China) G.I Union 1½" Ø (China) G.I Globe valve 1½" Ø (China) G.I Tee 1½" - 1" - 1½" Ø (China) G.I End cap 1½" Ø (China) Sub Total - Materials (I) Mason Hard labor Sub Total - Labor (II) Total - Materials and Labor (I + II)	Cement Bag Sand Cft Chipping (Crushed stone ¾" -1") Cft Brick (Lime concrete block brick; 11" x 4.5" x 6") No 3/8" Ø M.S bar Lbs G.I Pipe 1" Ø (China) Rft G.I Pipe 1½" Ø (China) Rft G.I Union 1½" Ø (China) No G.I Globe valve 1½" Ø (China) No G.I Tee 1½" - 1" - 1½" Ø (China) No G.I End cap 1½" Ø (China) No Sub Total - Materials (I) Mason No Sub Total - Labor (II) Total - Materials and Labor (I + II)

(2) BILL OF QUANTITY of 1 INTAKE AND BREAK PRESSURE TANK

CONSTRUCTION OF INTAKE AND BREAK PRESSURE TANK FOR WATER SUPPLY SYSTEM IN ${\color{red}{\bf HOPONG\ TOWNSHIP}}$

(Inside Dimension ~ 3'-0" x 3'-0" x 3'-0")

(Intake Location ~ Hsa Aun – 1, Bant Sauk – 1, Bant Kun – 1, Sam Hpu – 1, Ta Hlya Noe – 1, Kyauk Ka Charr – 1, Don Le Tan - 1) (Break Pressure Tank Location ~ Pang Hlyan –

1, Dong Kaung – 1, Bant Sauk – 2, Don Le Tan - 1)

Sr. No	Material & Labor	Unit	Qty
1	Cement	Bag	5
2	Sand	Cft	18
3	Chipping (Crushed stone 3/4" -1")	Cft	18
4	Brick (Lime concrete block brick; 11" x 4.5" x 6")	No	206
5	3/8" Ø M.S bar	Lbs	18

6	G.I Pipe 1" Ø (China)	Rft	3.5
7	G.I Pipe 1½" Ø (China)	Rft	8
8	G.I Union 1½" Ø (China)	No	1
9	G.I Globe valve 1½" Ø (China)	No	1
10	G.I Tee 1½" - 1" - 1½" Ø (China)	No	1
11	G.I End cap 1½" Ø (China)	No	1
	Sub Total - Materials (I)		
12	Mason	No	3
13	Hard labor	No	8
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
14	Contingency & Other charges (approx; 5% of Material & Labor Cost) (III)		

Lot #2 **Water Tank**

(1) BILL OF QUANTITY of 1 Water Tank

FOR CONSTRUCTION OF WATER TANK IN LOILEN TOWNSHIP

(Inside Dimension ~ 5'-0" x 5'-0" x 3'-6")

(Location ~ Lae Laung – 1, Pan Lem – 3, Lone Tway – 1, Kong Yaung – 1, Long Awng – 2, Long

Khaw-1, Hsan Pu-1, Kone Hee-1, Hway Su-1)

Sr. No	Material & Labor	Unit	Qty
1	Cement	Bag	9
2	Sand	Cft	31
3	Chipping (Crushed stone ¾" -1")	Cft	25
4	Brick (Lime concrete block brick; 11" x 4.5" x 6")	No	340
5	1½" Ø PVC Pipe (8.5 bar)	No	1
6	1½" Ø PVC Ball valve	No	2
7	Barbed wire (Reinforcement for brick work)	Coil	0.5
	Sub Total - Materials (I)		
8	Mason	No	6
9	Hard labor	No	13
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
10	Contingency & Other charges (approx; 3% of Material & Labor Cost) (III)		

(2) BILL OF QUANTITY of 1 Water Tank

FOR CONSTRUCTION OF WATER TANK IN HOPONG TOWNSHIP

(Inside Dimension ~ 5'-0" x 5'-0" x 3'-6")

(Location ~ Htan Pha Ya – 1, Ngo Chee – 1, Hsa Aun – 1, Pang Hlyan – 1, Dong Kaung – 1, Bant Sauk – 1, Bant Kun – 1, Sam Hpu – 1, Tha Hlya Noe – 1, Kyauk Ka Charr – 1, Don Le Tan - 1)

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Sr. No	Material & Labor	Unit	Qty
1	Cement	Bag	9
2	Sand	Cft	31
3	Chipping (Crushed stone ¾" -1")	Cft	25
4	Brick (Lime concrete block brick; 11" x 4.5" x 6")	No	340
5	1½" Ø PVC Pipe (8.5 bar)	No	1
6	1½" Ø PVC Ball valve	No	2
7	Barbed wire (Reinforcement for brick work)	Coil	0.5
	Sub Total - Materials (I)		
8	Mason	No	6
9	Hard labor	No	13
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
10	Contingency & Other charges (approx; 3% of Material & Labor Cost) (III)		

Lot #3 Pipeline

1.	BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT KYE VILLAGE (Length ~ 3588 ft)	IN KHAI	N		
Sr. No	Material & Labor	Unit	Qty		
1	1" Ø PVC Pipe (8.5 bar)	No	199		
2	1" Ø PVC Socket	No	199		
3	PVC Glue (2.2 kg)	Tin	1		
	Sub Total - Materials (I)				
4	Skill labor for Pipe Joining, Installation & Supervision	No	3.5		
5	Laborforpipeline digging, transportation, pipe joining, pipe burying, etc.	No	40		
	Sub Total - Labor (II)				
	Total - Materials and Labor (I + II)				
6	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)				
2.	2. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT LAE LAUNG VILLAGE (Length ~ 1335 ft)				
Sr. No	Material & Labor	Unit	Qty		
1	1" Ø PVC Pipe (8.5 bar)	No	74		
2	1" Ø PVC Socket	No	74		
3	PVC Glue (2.2 kg)	Tin	0.5		
	Sub Total - Materials (I)				
4	Skill labor for Pipe Joining, Installation & Supervision	No	1		
5	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	15		
	Sub Total - Labor (II)				
	Total - Materials and Labor (I + II)				
6	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)				
3.	3. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT PAN LEM VILLAGE (Length ~ 5314 ft)				
Sr. No	Material & Labor	Unit	Qty		
1	1 1/2" Ø PVC Pipe (8.5 bar)	No	201		
2	1 1/2" Ø PVC Pipe (13.5 bar)	No	29		
3	1 1/2" Ø PVC Socket	No	230		

4	1" Ø PVC Pipe (8.5 bar)	No	63
5	1" Ø PVC Socket	No	63
6	PVC Glue (2.2 kg)	Tin	1.5
	Sub Total - Materials (I)		
7	Skill labor for Pipe Joining, Installation & Supervision	No	5
8	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	59
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
9	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		

4. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT LONE TWAY VILLAGE (Length ~ 1804 ft)

	(Length 10011t)		
Sr. No	Material & Labor	Unit	Qty
1	1 1/4" Ø PVC Pipe (8.5 bar)	No	18
2	3/4" Ø PVC Pipe (8.5 bar)	No	82
3	1 1/4" Ø PVC Socket	No	18
4	3/4" Ø PVC Socket	No	82
5	1 1/4" – 3/4" Ø PVC Reducer	No	1
6	PVC Glue (2.2 kg)	Tin	0.5
	Sub Total - Materials (I)		
7	Skill labor for Pipe Joining, Installation & Supervision	No	2
8	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	20
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
9	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		

5. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT LONG AWNG VILLAGE (Length ~4297ft)

Sr. No	Material & Labor	Unit	Qty
1	1 1/2" Ø PVC Pipe (8.5 bar)	No	192
2	1 1/2" Ø PVC Pipe (13.5 bar)	No	32
3	1 1/2" Ø PVC Socket	No	224
4	1 1/2" Ø G.I Pipe	No	13
5	1 1/2" Ø G.I Socket	No	13
6	PVC Glue (2.2 kg)	No	1.5
	Sub Total - Materials (I)		

7	Skill labor for Pipe Joining, Installation & Supervision	No	5
8	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	48
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
9	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		
6.	BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT LON VILLAGE (Length ~ 1656 ft)	G KHAV	V
Sr. No	Material & Labor	Unit	Qty
1	1 1/2" Ø PVC Pipe (8.5 bar)	No	86
2	1 1/2" Ø PVC Pipe (13.5 bar)	No	6
3	1 1/2" Ø PVC Socket	No	92
4	PVC Glue (2.2 kg)	Tin	1
	Sub Total - Materials (I)		
5	Skill labor for Pipe Joining, Installation & Supervision	No	1.5
6	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	18
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
7	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		
7.	BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT NIN (Length ~ 4526 ft)	HEE VIL	LAGE
Sr. No	Material & Labor	Unit	Qty
1	1 1/4" Ø PVC Pipe (8.5 bar)	No	190
2	1" Ø PVC Pipe (8.5 bar)	No	60
3	1 1/4" Ø PVC Socket	No	190
4	1" Ø PVC Socket	No	60
5	1 1/4" – 1" Ø PVC Reducer	No	1
6	PVC Glue (2.2 kg)	Tin	1
	Sub Total - Materials (I)	NI.	4.5
7	Skill labor for Pipe Joining, Installation & Supervision	No	4.5
8	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	50
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
	` '		

8. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT WAN KAUT LON VILLAGE (Length ~754 ft)

No	Material & Labor	Unit	Qty
1	1" Ø PVC Pipe (8.5 bar)	No	42
2	1" Ø PVC Socket	No	42
3	PVC Glue (2.2 kg)	Tin	0.5
	Sub Total – Materials (I)		
4	Skill labor for Pipe Joining, Installation & Supervision	No	1
5	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	8
	Sub Total – Labor (II)		
	Total – Materials and Labor (I + II)		
6	Contingency & Other charges (pprox.; 2% of Material & Labor Cost) (III)		

9. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT I AUN VILLAGE (Length ~ 4225 ft)

No	Material & Labor	Unit	Qty
1	1 1/4" Ø PVC Pipe (8.5 bar)	No	145
2	1" Ø PVC Pipe (8.5 bar)	No	89
3	1 1/4" Ø PVC Socket	No	145
4	1" Ø PVC Socket	No	89
5	1 ¼" – 1" Ø PVC Reducer	No	1
6	PVC Glue (2.2 kg)	Tin	1
	Sub Total – Materials (I)		
7	Skill labor for Pipe Joining, Installation & Supervision	No	4
8	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	47
	Sub Total – Labor (II)		
	Total – Materials and Labor (I + II)		
9	Contingency & Other charges (pprox.; 2% of Material & Labor Cost) (III)		

10. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT PANG HLYAN VILLAGE (Length ~ 4172 ft)

No	Material & Labor	Unit	Qty
1	1" Ø PVC Pipe (8.5 bar)	No	75
2	1" Ø PVC Pipe (13.5 bar)	No	122
3	¾" Ø PVC Pipe (8.5 bar)	No	34
4	1" Ø PVC Socket	No	197
5	¾" Ø PVC Socket	No	34

6	PVC Glue (2.2 kg)	Tin	1
	Sub Total – Materials (I)		
7	Skill labor for Pipe Joining, Installation & Supervision	No	4
8	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	46
	Sub Total – Labor (II)		
	Total – Materials and Labor (I + II)		
9	Contingency & Other charges (pprox.; 2% of Material & Labor Cost) (III)		

11. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT DONG KAUNG VILLAGE (Length ~ 9610 ft)

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Sr. No	Material & Labor	Unit	Qty
1	1 1/4" Ø PVC Pipe (8.5 bar)	No	88
2	1 1/4" Ø PVC Pipe (13.5 bar)	No	357
3	1" Ø PVC Pipe (8.5 bar)	No	86
4	1 1/4" Ø PVC Socket	No	445
5	1" Ø PVC Socket	No	86
6	PVC Glue (2.2 kg)	Tin	2
	Sub Total - Materials (I)		
7	Skill labor for Pipe Joining, Installation & Supervision	No	9
8	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	107
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
9	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		

12. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT BANT SAUK VILLAGE (Length ~ 10037 ft)

Sr. No	Material & Labor	Unit	Quan tity
1	1" Ø PVC Pipe (8.5 bar)	No	255
2	1" Ø PVC Pipe (13.5 bar)	No	300
3	1" Ø PVC Socket	No	555
4	PVC Glue (2.2 kg)	Tin	2
	Sub Total - Materials (I)		
5	Skill labor for Pipe Joining, Installation & Supervision	No	10
6	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	111
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
7	Contingency & Other charges (approx; 2% of Material & Labor Cost)		

13. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT BANT KUN VILLAGE (Length ~ 4143 ft)

Sr. No	Material & Labor	Unit	Quan tity
1	1 1/4" Ø PVC Pipe (13.5 bar)	No	36
2	1" Ø PVC Pipe (8.5 bar)	No	109
3	1" Ø PVC Pipe (13.5 bar)	No	84
4	1 1/4" Ø PVC Socket	No	36
5	1" Ø PVC Socket	No	193
6	1 1/4" – 1" Ø PVC Reducer	No	2
7	PVC Glue (2.2 kg)	Tin	1
	Sub Total - Materials (I)		
8	Skill labor for Pipe Joining, Installation & Supervision	No	4
9	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	46
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
10	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		

14. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT SAM HPU VILLAGE (Length ~ 5494 ft)

Sr. No	Material & Labor	Unit	Qty
1	1" Ø PVC Pipe (8.5 bar)	No	127
2	1" Ø PVC Pipe (13.5 bar)	No	177
3	1" Ø PVC Socket	No	304
4	PVC Glue (2.2 kg)	Tin	1
	Sub Total - Materials (I)		
5	Skill labor for Pipe Joining, Installation & Supervision	No	5
6	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	61
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
7	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		

15. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT THA HLYANOE VILLAGE (Length ~ 4182 ft)

Sr. No	Material & Labor	Unit	Quan tity
1	1 1/4" Ø PVC Pipe (8.5 bar)	No	231
2	1 1/4" Ø PVC Socket	No	231
3	PVC Glue (2.2 kg)	Tin	1
	Sub Total - Materials (I)		
4	Skill labor for Pipe Joining, Installation & Supervision	No	4
5	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	46

	Sub Total - Labor (II)	
	Total - Materials and Labor (I + II)	
6	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)	

16. BILLOFQUANTITYFOR CONSTRUCTION OF PIPELINE AT KYAUK KA CHARR VILLAGE (Length ~ 4690 ft)

Sr. No	Material & Labor	Unit	Qty
1	1 1/4" Ø PVC Pipe (8.5 bar)	No	73
2	1" Ø PVC Pipe (8.5 bar)	No	187
3	1 1/4" Ø PVC Socket	No	73
4	1" Ø PVC Socket	No	187
5	1 1/4" – 1" Ø PVC Reducer	No	1
6	PVC Glue (2.2 kg)	Tin	1
	Sub Total - Materials (I)		
7	Skill labor for Pipe Joining, Installation & Supervision	No	4.5
8	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	52
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
9	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		

17. BILL OF QUANTITY FOR CONSTRUCTION OF PIPELINE AT DON LETAN VILLAGE (Length ~ 5248 ft)

	VILLY (SE (Longill SE 1614)		
Sr. No	Material & Labor	Unit	Qty
1	1" Ø PVC Pipe (8.5 bar)	No	290
2	1" Ø PVC Socket	No	290
3	PVC Glue (2.2 kg)	Tin	1
	Sub Total - Materials (I)		
4	Skill labor for Pipe Joining, Installation & Supervision	No	5
5	Labor for pipeline digging, transportation, pipe joining, burying, etc.	No	58
	Sub Total - Labor (II)		
	Total - Materials and Labor (I + II)		
6	Contingency & Other charges (approx; 2% of Material & Labor Cost) (III)		

Lot # 4 Engine and Water Pump

	 BILL OF QUANTITY FOR PROVISION OF DIESEL ENGINE FOR PUMP WATER SYSTEM IN LOILEN TOWNSHIP 				
(PAN	N LEM – 1 No., LONG AWNG – 1 No., LONG KHAW – 1 No.)				
Sr. No	Material & Labor				
1	Provision of Diesel Engine (China made) (WULING Brand, Rated Output 25 Hp, Rated Speed 2200 rpm, Voltage 230 KV)	No	3		
S	2. BILL OF QUANTITY FOR PROVISION OF WATER PUMP FOR PUMP WATER SYSTEM IN LOILEN TOWNSHIP (PAN LEM – 1 No., LONG AWNG – 1 No., LONG KHAW – 1 No.)				
Sr. No	Material & Labor	Unit	Qty		
1	Provision of Power Sprayer (China made) (Ousen Brand, OS _ 120A1N, RPM 900 rpm, Sunction (I/min) ~ 116, Pressure (mpa) ~ 5.0, Require Power (kw) ~ 9.5)	No	3		

Lot #5 Forest Nursery

1. BILL OF QUANTITY of 1 Forest Nursery

Forest Nursery Construction at AD Programme Villages of **Hopong** Township total 2 no) (NurseryFrame_G.IPipes; Dimension_Length56'xWidth50'xHeight7';1Unit_21,000Seedlings)

Location (1) ~ Sam Hpu village, Sam Hpu village tract, Hopong Township Location (2) ~ Don Le Tan village, Don Le Tan village tract, Hopong Township

Loca	ation (2) ~ Don Le Tan village, Don Le Tan village tract, Hopong Township		
Sr. No	Materials & Labour	Unit	Qty
Α	G.I Pipe Frames and Accessories Works (Materials and Labour)		
	Materials		
1	2" ø G.I Pipe (Vietnam made)	No	17
2	2" ø G.I Socket (Vietnam made)	No	17
3	2" ø G.I Tee (Vietnam made)	No	32
4	2" ø G.I Elbow (Vietnam made)	No	4
5	1 1/2" ø G.I Pipe (Vietnam made)	No	36
6	1 1/2" ø G.I Socket (Vietnam made)	No	24
7	2 1/2" ø G.I Pipe (Vietnam made)	No	2
8	Hortinet for roofing (Shade 50%; Length 100 yd x Width 2 yd)	Roll	2.5
9	3/4" ø PVC Pipe (for irrigation water pipe & drain pipes at germination beds)	No	18
	Sub Total _ Materials (I)		
	Labour		
10	Skill labor (pipe cutting, threading, fixing, welding, painting at joints, etc.)	No	24
	Sub Total _ Labour (II)		
	Total _ Materials and Labour (I + II)		
11	Contingency and Other Charges (approx; 2% of Material & Labour Cost) (III)	Item	1
	Total for (A)_ (I + II + III)		
В	Masonry Works (Materials and Labour)		
	Materials		
1	Cement (7161 lbs)	Bag	64
2	Sand	Cft	270
3	Gravel	Cft	256
4	Brick (Local block brick; 11" x 4.5" x 6")	No	1070
	Sub Total _ Materials (I)		
	Labour		
	Mason	No	30
6	Labour for masonry work	No	83
	Sub Total _ Labour (II)		
	Total _ Materials and Labour (I + II)		
7	Contingency and Other Charges (approx; 2% of Material & Labour Cost) (III)	Item	1

2. BILL OF QUANTITY 1 Forest Nursery

Construction of **Forest Nurseries** at **Loilen** Township (Total ~ 4 no.)

(Dimension~Length 56'x Width 50'x Height 7'; Nursery Frame @ G.I Good Quality Pipes; 1 Unit @ 21,000 Seedlings)

Location (1) ~ Kyein Khan village, Hwe Taut village tract, Loilen Township Location (2) ~ Pan Lem village, Nan Hta Mo village tract, Loilen Township Location (3) ~ Wan San village, Hsa Nin village tract, Loilen Township Location (4) ~ Pan Hu village, Hsa Nin village tract, Loilen Township

Sr. No	Materials & Labor	Unit	Qty
Α	G.I Pipe Frames and Accessories Works (Materials and Labor) (G.I Pi	pes ~ Vie	tnam made)
	Materials		
1	2" Ø G.I Pipe	No	17
2	2" Ø G.I Socket	No	17
3	2" Ø G.I Tee	No	32
4	2" Ø G.I Elbow	No	4
5	1 1/2" Ø G.I Pipe	No	36
6	1 1/2" Ø G.I Socket	No	24
7	2 1/2" Ø G.I Pipe	No	2
8	Horti-net for roofing (Length 100 yd x Width 2 yd; Shade 50%)	Roll	2.5
9	3/4" Ø PVC Pipe (8.5 bar) (water pipe & drain pipes at germination beds)	No	18
	Sub Total _ Materials (I)		
	Labor		
10	Skill labor (pipe cutting, threading, fixing, welding, painting at joints, etc.)	No	24
	Sub Total _ Labor (II)		
	Total _ Materials and Labor (I + II)		
11	Contingency & Other Charges (approx; 2% of Materials & Labor) (III)	Item	1
	Total for (A) $_{-}$ (I + II + III)		
В	Masonry Works (Materials and Labor)		
	Materials		
1	Cement	Bag	64
2	Sand	Cft	270
3	Gravel	Cft	256
4	Block brick (Lime concrete block: 11" x 4.5" x 6")	No	1070
	Sub Total _ Materials (I)		
	Labor		
5	Mason	No	30
6	Labor for masonry work	No	83
	Sub Total _ Labor (II)		
	Total _ Materials and Labor (I + II)		
7	Contingency & Other Charges (approx; 2% of Materials & Labor) (III)	Item	1