

Office of the President of the Philippines

Office of the Presidential Adviser on Peace, Reconciliation and Unity

7th Floor, Agustin 1 Building, F. Ortigas Jr. Road, Ortigas Center, 1605 Pasig City Tel (+632) 636-0701 Fax No: (+632) 638-2216

INVITATION TO BID FOR THE PROCUREMENT OF SUPPLY, DELIVERY AND CONSTRUCTION OF PLANT NURSERIES UNDER THE SIPAT: MAXIMIZING HUMAN CAPITAL AND NATURAL RESOURCES IN THE CAR PROJECT

1. The Office of the Presidential Adviser on Peace Reconciliation and Unity (OPAPRU), intends to apply the sum of Fifteen Million Pesos (PhP15,000,000.00) being the ABC for the Procurement of Supply, Delivery and Construction of Plant Nurseries under the SIPAT: Maximizing Human Capital and Natural Resources in the CAR Project. Bids received in excess of the ABC shall be automatically rejected at bid opening.

LOT NO.	LOCATION/PLACE OF DELIVERY
Lot 1 PHP3,000,000.00	Sitio New Bangad, Brgy. Nambaran, City of Tabuk
Lot 2 PHP2,700,000.00	Brgy. Kinama, Rizal, Kalinga
Lot PHP2,000,000.00	Sitio Ileb, Brgy. Nambaran, City of Tabuk
Lot 4 PHP1,000,000.00	Brgy. Basao, Tinglayan, Kalinga
Lot 5 PHP1,000,000.00	Brgy. Sumadel, Tinglayan, Kalinga
Lot 6 PHP1,000,000.00	Brgy, Gohang, Banaue, Ifugao
Lot 7 PHP900,000.00	Brgy. Marcela, Sta.Marcela, Apayao
Lot 8 PHP900,000.00	Brgy. Calafug, Conner, Apayao
Lot 9 PHP1,250,000.00	Brgy. Dominglay, Licuan-Baay, Abra
Lot 10 PHP1,250,000.00	Brgy. Ducligan, Bucloc, Abra

- 2. The OPAPRU encourages the submission of bids for the Procurement Project. The delivery date of the goods shall be made on the date indicated in the Notice to Proceed. Interested bidders should have completed, within five (5) years from the date of submission and receipt of bids, a contract similar to the Procurement Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders) thereof.
- 3. Bidding will be conducted through open competitive bidding procedures using a **non-discretionary** "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

- 4. Prospective Bidders may obtain further information from OPAPRU BAC Secretariat and inspect the Bidding Documents at the address given below during weekdays (Monday – Friday, except holidays) from 08:00 AM to 05:00 PM.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on 03 December 2022 from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Twenty-Five Thousand Pesos (PHP25,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees either in person, by facsimile or through electronic means.
- 6. The OPAPRU will hold a Pre-Bid Conference on 12 December 2022, (10:00AM) at the Kapayapaan Conference Room, 7th Floor Agustin I Building, F. Ortigas Jr. Road, Ortigas Center, Pasig City, and/or through video conferencing or webcasting, which shall be open to prospective bidders.
- 7. Physical Bid Documents must be duly received by the BAC Secretariat at the office address indicated below not later than 23 December 2022, (10:00AM). Late bids shall not be accepted. Bid Documents submitted through electronic means shall be accepted.
- 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.
- 9. Bid opening shall be on 23 December 2022, (10:30AM). Bids will be opened in the presence of the bidder/s representative/s who choose to attend either physically or through video conferencing or webcasting.
- 10. The OPAPRU reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to the award of the contract in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

Bids & Awards Committee Secretariat

3rd Floor Agustin I Bldg. F.Ortigas Jr. Road, Ortigas Center, Pasig City (02) 8636 0706 local 871

Issued on 1st day of December 2022, Pasig City.

EDIR. ANDRES S. ANGUINALDO, JR.

Chairperson

Bids & Awards Committee

ANNEX A TECHNICAL SPECIFICATION

PROCUREMENT PROJECT **A.**

Procurement of Supply, Delivery and Construction of Plant Nurseries under the SIPAT: Maximizing Human Capital and Natural Resources in the CAR Project

В. APPROVED BUDGET FOR THE CONTRACT

Fifteen Million Pesos (PhP15,000,000.00) for the ten (10) lots.

U II 11.		,	,000,000.00) 101 1110
•	Lot 1	_	PhP3,000,000.00
•	Lot 2	_	PhP2,700,000.00
•	Lot 3	_	PhP2,000,000.00
•	Lot 4	_	PhP1,000,000.00
•	Lot 5	_	PhP1,000,000.00
•	Lot 6	_	PhP1,000,000.00
•	Lot 7	_	PhP900,000.00
•	Lot 8	_	PhP900,000.00

PhP1,250,000.00 Lot 10 PhP1,250,000.00

Lot 9

C. **SPECIFICATIONS**

Lot Number	Quantity	Unit	Specification
LOT 1	A. Project Signboard		
	32	sq. ft	Tarpaulin (4' x 8')
	27	bd. Ft.	2" x 2" x 8' Good Lumber
	1	Pcs	4' x 8' x 1/4" Marine Plywood
	2	kgs	Assorted CWN
			All equipment/tools to be used and labor
			requirements will be arranged by the
			contractor
	B. Structura	al Steel, GI Pi	pes
	35	pcs	2" dia. GI Pipes Sch.40
	12	pcs	1.5"dia GI Pipe Sch.40
	12	pcs	1"dia GI Pipe Sch.40
			All equipment/tools to be used and labor
			requirements will be arranged by the
			contractor
	C. Metal St	ructure Acces	sories, Steel Plate
	45	kgs	1/4" x 2" Flat Bar
	9	kgs	Welding Rod (ordinary)
			All equipment/tools to be used and labor
			requirements will be arranged by the
			contractor
	D. Metal St	ructure Acces	sories, Pipe Clamps
	54	kgs	1/8" x 2" Flat Bar

		All equipment/tools to be used and labor requirements will be arranged by the
		contractor
E. Metal S	Structure Acce	essories, Bolts & Nuts with washer
37.5	kgs	3/8 Bolts & Nuts with washer
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
F. Steel P	lant Rack	
9	pcs	1" GI Pipe Sch.20
15	pcs	1" x ¼" Angular Bar
14	pcs	2 x 2 x 5mm Steel Matting
6	kgs	Welding Rod
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
G. Sliding	Door (Steel F	rame)
1	рс	1" GI Pipe Sch.20
5	pcs	1" x ¼" Angular Bar
1.8	sq.m.	Insect Net (Mesh 24)
1	kgs	Welding Rod
8	pcs	10mm Roller Bearing
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
H. Paintin	g Works, Meta	al
1.2	gallon	Red Oxide Primer
3	gallon	Acrylic Paint (white)
3	liter	Paint Thinner
12	unit	Consumables
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
I. Roofin	g and Coverin	g
40	sq.m.	PE Plastic 200 micron
50	sq.m.	Insect Net (Mesh 24)
50	sq.m.	Net Shade, 30% shading
500	pcs.	1" Tekscrew
30	pcs.	1" x 0.5mm x 3m Aluminum C-Channel
45	pcs.	1" x 2m x 2mm Wiggle Wire
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
J. Well D	rilling	
8	bags	Bentonite Cement
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
K. Casing	Installation ar	nd Well Development
6	pcs	6" Plain GI Casing
6	pcs	3" Plain GI Riser Pipe

	T	[
6	pcs	6" Couping	
4	pcs	3" Couping	
2	pcs	6" GI Nipple	
2	pcs	3" GI Nipple	
2	pcs	3" GI Elbow	
2	pcs	Slotted Pipe	
2	pcs	6"x6m Sch.40 Deep Well Screen Pipe	
2	cu.m.	Pea Gravel	
6	pcs	Centralizer	
2	can	Solvent Cement	
2	pcs	Transition/Adopter Pipe	
2	pcs	Guide Shoe	
		All equipment/tools to be used and labor	
		requirements will be arranged by the	
		contractor	
110	•	nstallation of Solar-based Submersible	
Pumping	System with	Complete Accessories	
1	set	Supply/Delivery and Installation of Solar-	
		based Submersible Pumping System with	
		Complete Accessories	
5	bag	Cement	
1	cu.m.	Gravel	
1	cu.m	Sand	
5	kgs	RSB	
		All equipment/tools to be used and labor	
		requirements will be arranged by the	
		contractor	
	ank and Pipel		
70	Bags	Cement	
250	Kgs	RSB	
5	cu.m.	Gravel	
4	cu.m.	Sand	
90	bd.ft.	Form Lumber	
10	pcs	Plywood	
8	kgs	CW Nails	
5	kgs	Tie Wire	
1	set	Steel Pipelines with accessories	
		All equipment/tools to be used and labor	
		requirements will be arranged by the	
N. F. d	1 1 7 7	contractor	
N. Earthwo	rks and Level	ling for 300sq.m. lot	
		All equipment/tools to be used and labor	
		requirements will be arranged by the	
0.37	G 1: 1	contractor	
	Supplies and		
2	pcs	Bolo	
3	pcs	Shovel	
5	pcs	Hand trowel	
1	set	Knapsack Sprayer (16L capacity)	
180	sacks	Dried Rice Hull	
120	sacks	Organic Compost	

120	sacks	Garden Soil
12,000	pcs	Potting Bags (3x3x10)
3	pcs	Sprinklers
3	pcs	Plastic Drum (400L capacity)
3	pcs	Pails (20L capacity)
3	pcs	Sinkers
1	set	Planting materials (mixed) worth 20k
1	set	Pesticides and Fertilizers worth 20k
		Labor for maintenance will be arranged by
		the contractor with the PO-partner

Lot Number	Quantity	Unit	Specification
LOT 2	A. Project S	ignboard	
	32	sq. ft	Tarpaulin (4' x 8')
	27	bd. Ft.	2" x 2" x 8' Good Lumber
	1	Pcs	4' x 8' x ¹ / ₄ " Marine Plywood
	2	kgs	Assorted CWN
			All equipment/tools to be used and labor
			requirements will be arranged by the
	_		contractor
	B. Structura	l Steel, GI Pi	<u>†</u>
	30	pcs	2" dia. GI Pipes Sch.40
	12	pcs	1.5"dia GI Pipe Sch.40
	12	pcs	1"dia GI Pipe Sch.40
			All equipment/tools to be used and labor
			requirements will be arranged by the
	_		contractor
	C. Metal St	ructure Acces	ssories, Steel Plate
	45	kgs	1/4" x 2" Flat Bar
	9	kgs	Welding Rod
			All equipment/tools to be used and labor
			requirements will be arranged by the
			contractor
			ssories, Pipe Clamps
	48	kgs	1/8" x 2" Flat Bar
			All equipment/tools to be used and labor
			requirements will be arranged by the
	F 16 1 6		contractor
			ssories, Bolts & Nuts with washer
	31.5	kgs	3/8 Bolts & Nuts with washer
			All equipment/tools to be used and labor
			requirements will be arranged by the
	E G. 1 D1	4 D 1	contractor
	F. Steel Pla		1" CLD' C 1 20
	9	pcs	1" GI Pipe Sch.20
	12	pcs	1" x ¼" Angular Bar
	14	pcs	2 x 2 x 5mm Steel Matting
	6	kgs	Welding Rod
			All equipment/tools to be used and labor
			requirements will be arranged by the
			contractor

G. Sliding Door (Steel Frame)				
G. Shaing L	Ì			
5	pc	1" GI Pipe Sch.20		
	pcs	1" x ½" Angular Bar		
1.8	sq.m.	Insect Net (Mesh 24)		
1	kgs	Welding Rod		
8	pcs	10mm Roller Bearing		
		All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
	Works, Meta			
1.2	gallon	Red Oxide Primer		
3	gallon	Acrylic Paint (white)		
3	liter	Paint Thinner		
12	lot	Consumables		
		All equipment/tools to be used and labor		
]		requirements will be arranged by the		
		contractor		
I. Roofing	and Covering	5		
35	sq.m.	PE Plastic 200 micron		
50	sq.m.	Insect Net (Mesh 24)		
50	sq.m.	Net Shade, 30% shading		
500	pcs.	1" Tekscrew		
30	pcs.	1" x 0.5mm x 3m Aluminum C-Channel		
45	pcs.	1" x 2m x 2mm Wiggle Wire		
15	Pes.	All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
J. Well Drilling		- CAMPING COL		
6	bags	Bentonite Cement		
	_ ~~ <u>~</u>	All equipment/tools to be used and labor		
K Casing I	ıstallation an			
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	•	**		
	•			
	•			
	•	1		
	pcs			
	cu.m.			
6	pcs			
2	can	Solvent Cement		
2	pcs	Transition/Adopter Pipe		
2	pcs	Guide Shoe		
		All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
6 6 6 4 2 2 2 2 2 2 2 6 2 2	pcs	requirements will be arranged by the contractor d Well Development 6" Plain GI Casing 3" Plain GI Riser Pipe 6" Couping 3" Couping 6" GI Nipple 3" GI Nipple 3" GI Elbow Slotted Pipe 6"x6m Sch.40 Deep Well Screen Pipe Pea Gravel Centralizer Solvent Cement Transition/Adopter Pipe Guide Shoe All equipment/tools to be used and labor requirements will be arranged by the		

11.	•	d Installation of Solar-based Submersible ith Complete Accessories
1	set	Supply/Delivery and Installation of Solar- based Submersible Pumping System with Complete Accessories
-	1	•
5	bag	Cement
<u>l</u>	cu.m.	Gravel
1	cu.m	Sand
5	kgs	RSB
		All equipment/tools to be used and labor requirements will be arranged by the contractor
M. Water T	ank and Pip	pelines
60	Bags	Cement
250	Kgs	RSB
5	cu.m.	Gravel
4	cu.m.	Sand
90	bd.ft.	Form Lumber
10	pcs	Plywood
8	kgs	CW Nails
5	kgs	Tie Wire
1	T.	Steel Pipelines with accessories
1	set	All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
N Forthwe	orka and La	velling for 300sq.m. lot
N. Laruiwe	TKS and Le	All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
O Nurgary	Supplies of	nd Materials
	1	
2	pcs	Bolo
3	pcs	Shovel Used trouval
5	pcs	Hand trowel
150	set	Knapsack Sprayer (16L capacity)
150	sacks	Dried Rice Hull
100	sacks	Organic Compost
100	sacks	Garden Soil
12,000	pcs	Potting Bags (3x3x10)
3	pcs	Sprinklers
3	pcs	Plastic Drum (400L capacity)
3	pcs	Pails (20L capacity)
3	pcs	Sinkers
1	set	Planting materials (mixed) worth 20k
1	set	Pesticides and Fertilizers worth 20k
		Labor for maintenance will be arranged by
	1	the contractor with the PO-partner

Lot Number	Quantity	Unit	Specification
LOT 3	A. Project Signboard		
	32	sq. ft	Tarpaulin (4' x 8')
	27	bd. Ft.	2" x 2" x 8' Good Lumber

1	Pcs	4' x 8' x ¹ / ₄ " Marine Plywood		
2	kgs	Assorted CWN		
		All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
B. Structur	al Steel, GI Pi	ipes		
35	pcs	2" dia. GI Pipes Sch.40		
12	pcs	1.5"dia GI Pipe Sch.40		
12	pcs	1"dia GI Pipe Sch.40		
	•	All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
C. Metal St	tructure Acces	ssories, Steel Plate		
45	kgs	1/4" x 2" Flat Bar		
9	kgs	Welding Rod		
		All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
D. Metal St	tructure Acces	ssories, Pipe Clamps		
54	kgs	1/8" x 2" Flat Bar		
		All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
E. Metal Structure Accessories, Bolts & Nuts with washer				
38	kgs	3/8 Bolts & Nuts with washer		
		All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
F. Steel Pla	ant Rack	,		
9	pcs	1" GI Pipe Sch.20		
15	pcs	1" x 1/4" Angular Bar		
14	pcs	2 x 2 x 5mm Steel Matting		
6	kgs	Welding Rod		
Ü		All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
G. Sliding	Door (Steel F			
1	pc	1" GI Pipe Sch.20		
5	pcs	1" x ¼" Angular Bar		
1.8	sq.m.	Insect Net (Mesh 24)		
1	kgs	Welding Rod		
8	pcs	10mm Roller Bearing		
		All equipment/tools to be used and labor		
		requirements will be arranged by the		
		contractor		
H. Painting	Works, Meta			
1.2	gallon	Red Oxide Primer		
3	gallon	Acrylic Paint (white)		
3	liter	Paint Thinner		
12	unit	Consumables		
12	umt	Consumavies		

		All equipment/tools to be used and labor	
		requirements will be arranged by the	
1 D "	1.0	contractor	
	and Covering		
40	sq.m.	PE Plastic 200 micron	
50	sq.m.	Insect Net (Mesh 24)	
50	sq.m.	Net Shade, 30% shading	
500	pcs.	1" Tekscrew	
30	pcs.	1" x 0.5mm x 3m Aluminum C-Channel	
45	pcs.	1" x 2m x 2mm Wiggle Wire	
		All equipment/tools to be used and labor	
		requirements will be arranged by the	
T TT 11 D '	11.	contractor	
J. Well Dri			
8	bags	Bentonite Cement	
		All equipment/tools to be used and labor	
		requirements will be arranged by the	
W. G I	. 11 .*	contractor	
		d Well Development	
6	pcs	6" Plain GI Casing	
6	pcs	3" Plain GI Riser Pipe	
6	pcs	6" Couping	
4	pcs	3" Couping	
2	pcs	6" GI Nipple	
2	pcs	3" GI Nipple	
2	pcs	3" GI Elbow	
2	pcs	Slotted Pipe	
2	pcs	6"x6m Sch.40 Deep Well Screen Pipe	
2	cu.m.	Pea Gravel	
6	pcs	Centralizer	
2	can	Solvent Cement	
2	pcs	Transition/Adopter Pipe	
2	pcs	Guide Shoe	
		All equipment/tools to be used and labor	
		requirements will be arranged by the	
		contractor	
11.	•	nstallation of Submersible Pumping System	
with Con	nplete Access		
1	set	Supply/Delivery and Installation of	
		Submersible Pumping System with	
		Complete Accessories	
5	bag	Cement	
1	cu.m.	Gravel	
1	cu.m	Sand	
5	kgs	RSB	
		All equipment/tools to be used and labor	
		requirements will be arranged by the	
		contractor	
	ank and Pipel		
70	Bags	Cement	
250	Kgs	RSB	

5	cu.m.	Gravel
4	cu.m.	Sand
80	bd.ft.	Form Lumber
10	pcs	Plywood
8	kgs	CW Nails
5	kgs	Tie Wire
1	set	GI Pipelines with accessories
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
N. Earthwo	ks and Level	ling for 300sq.m. lot
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
O. Nursery	Supplies and	Materials
2	pcs	Bolo
3	pcs	Shovel
5	pcs	Hand trowel
1	set	Knapsack Sprayer (16L capacity)
175	sacks	Dried Rice Hull
120	sacks	Organic Compost
120	sacks	Garden Soil
15,000	pcs	Potting Bags (3x3x10)
3	pcs	Sprinklers
3	pcs	Plastic Drum (400L capacity)
3	pcs	Pails (20L capacity)
3	pcs	Sinkers
1	set	Planting materials (mixed) worth 20k
1	set	Pesticides and Fertilizers worth 20k
		Labor for maintenance will be arranged by
		the contractor with the PO-partner

Lot Number	Quantity	Unit	Specification		
LOT 4	A. Project Signboard				
	32	sq. ft	Tarpaulin (4' x 8')		
	27	bd. Ft.	2" x 2" x 8' Good Lumber		
	1	Pcs	4' x 8' x ¹ / ₄ " Marine Plywood		
	2	kgs	Assorted CWN		
			All equipment/tools to be used and labor		
			requirements will be arranged by the		
			contractor		
	B. Structura	al Steel, GI Pi	pes		
	35	pcs	2" dia. GI Pipes Sch.40		
	12	pcs	1.5"dia GI Pipe Sch.40		
	12	pcs	1"dia GI Pipe Sch.40		
			All equipment/tools to be used and labor		
			requirements will be arranged by the		
			contractor		
	C. Metal St	ructure Acces	ssories, Steel Plate		
	25	kgs	1/4" x 2" Flat Bar		
	2.5	kgs	Welding Rod		

		All equipment/tools to be used and labor requirements will be arranged by the
		contractor
D. Metal S	Structure Aco	cessories, Pipe Clamps
35	kgs	1/8" x 2" Flat Bar
		All equipment/tools to be used and laborate
		requirements will be arranged by the
		contractor
E. Metal S	Structure Aco	cessories, Bolts & Nuts with washer
27	kgs	3/8 Bolts & Nuts with washer
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
F. Steel P	lant Rack	•
9	pcs	1" GI Pipe Sch.20
11	pcs	1" x ¼" Angular Bar
7	pcs	2 x 2 x 5mm Steel Matting
6	kgs	Welding Rod
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
G. Sliding	Door (Steel	Frame)
1	рс	1" GI Pipe Sch.20
2	pcs	1" x ¼" Angular Bar
1.8	sq.m.	Insect Net (Mesh 24)
1	kgs	Welding Rod
8	pcs	10mm Roller Bearing
		All equipment/tools to be used and laborate
		requirements will be arranged by the
		contractor
H. Paintin	g Works, Me	etal
4	gallon	Red Oxide Primer
4	gallon	Acrylic Paint (white)
2	liter	Paint Thinner
8	unit	Consumables
		All equipment/tools to be used and laborate
		requirements will be arranged by the
		contractor
I. Roofin	g and Coveri	ng
35	sq.m.	PE Plastic 200 micron
40	sq.m.	Insect Net (Mesh 24)
50	sq.m.	Net Shade, 30% shading
500	pcs.	1" Tekscrew
30	pcs.	1" x 0.5mm x 3m Aluminum C-Channe
35	pcs.	1" x 2m x 2mm Wiggle Wire
		All equipment/tools to be used and laborate
		requirements will be arranged by the
		requirements will be arranged by the
		contractor

1	set	Supply/Delivery and Installation of
		Submersible Pumping System with
2	1	Complete Accessories
3	bag	Cement
0.5	cu.m.	Gravel
0.5	cu.m	Sand
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
	Tank and Pip	
48	Bags	Cement
200	Kgs	RSB
4	cu.m.	Gravel
3	cu.m.	Sand
75	bd.ft.	Form Lumber
3	pcs	Plywood
6	kgs	CW Nails
4	kgs	Tie Wire
1	set	GI Pipelines with accessories
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
L. Earthwo	orks and Lev	velling for 300sq.m. lot
		All equipment/tools to be used and labor
		requirements will be arranged by the
		contractor
M. Nursery	Supplies ar	nd Materials
2	pcs	Bolo
3	pcs	Shovel
5	pcs	Hand trowel
1	set	Knapsack Sprayer (16L capacity)
110	sacks	Dried Rice Hull
90	sacks	Organic Compost
90	sacks	Garden Soil
10,000	pcs	Potting Bags (3x3x10)
3	pcs	Sprinklers
2	pcs	Plastic Drum (400L capacity)
3	pcs	Pails (20L capacity)
3	•	Sinkers
1	pcs set	Planting materials (worth 20k)
1		Pesticides and Fertilizers (worth 20k)
1	set	Labor for maintenance will be arranged by
1		the contractor with the PO-partner

Lot Number	Quantity	Unit	Specification
LOT 5	A. Project Signboard		
	32 sq. ft		Tarpaulin (4' x 8')
	27 bd. Ft.		2" x 2" x 8' Good Lumber
	1 Pcs 4' x 8' x 1/4"		4' x 8' x ¹ / ₄ " Marine Plywood
	2	kgs	Assorted CWN

		All aguinment/tools to be used and labor
		All equipment/tools to be used and labor requirements will be arranged by the contractor
B. Structura	al Steel GI	
35	pcs	2" dia. GI Pipes Sch.40
12	1	1.5"dia GI Pipe Sch.40
12	pcs	1"dia GI Pipe Sch.40
12	pcs	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
C Metal St	tructure Acc	cessories, Steel Plate
25	kgs	1/4" x 2" Flat Bar
2.5	kgs	Welding Rod (ordinary)
2.3	Kg5	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
D Metal St	tructure Acc	cessories, Pipe Clamps
35	kgs	1/8" x 2" Flat Bar
	1.50	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
E. Metal St	tructure Acc	cessories, Bolts & Nuts with washer
31.5	kgs	3/8 Bolts & Nuts with washer
	0	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
F. Steel Pla	ant Rack	
9	pcs	1" GI Pipe Sch.20
11	pcs	1" x ¼" Angular Bar
7	pcs	2 x 2 x 5mm Steel Matting
6	kgs	Welding Rod
	0	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
G. Sliding	Door (Steel	
1	рс	1" GI Pipe Sch.20
2	pcs	1" x ¼" Angular Bar
<u> </u>		
1.8	sq.m.	Insect Net (Mesh 24)
	kgs	Insect Net (Mesh 24) Welding Rod
1.8	kgs pcs	Welding Rod
1.8 1	kgs	`
1.8 1	kgs	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor
1.8 1	kgs pcs	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor
1.8 1 8	kgs pcs	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor
1.8 1 8	kgs pcs Works, Me	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal
1.8 1 8	kgs pcs Works, Me	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer
1.8 1 8 H. Painting 1	kgs pcs Works, Me gallon gallon	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white)
1.8 1 8 H. Painting 1 1 2	kgs pcs Works, Me gallon gallon liter	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white) Paint Thinner Consumables
1.8 1 8 H. Painting 1 1 2	kgs pcs Works, Me gallon gallon liter	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white) Paint Thinner Consumables All equipment/tools to be used and labor
1.8 1 8 H. Painting 1 1 2 8	kgs pcs Works, Me gallon gallon liter	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white) Paint Thinner Consumables All equipment/tools to be used and labor requirements will be arranged by the contractor
1.8 1 8 H. Painting 1 2 8	kgs pcs Works, Me gallon gallon liter unit	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white) Paint Thinner Consumables All equipment/tools to be used and labor requirements will be arranged by the contractor ing
1.8 1 8 H. Painting 1 1 2 8	kgs pcs Works, Me gallon gallon liter unit and Coveri	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white) Paint Thinner Consumables All equipment/tools to be used and labor requirements will be arranged by the contractor fing PE Plastic 200 micron
1.8 1 8 H. Painting 1 1 2 8 I. Roofing 30	kgs pcs Works, Me gallon gallon liter unit and Coveri sq.m. sq.m.	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white) Paint Thinner Consumables All equipment/tools to be used and labor requirements will be arranged by the contractor ing PE Plastic 200 micron Insect Net (Mesh 24)
1.8 1 8 H. Painting 1 1 2 8 I. Roofing 30 45 45	kgs pcs Works, Me gallon gallon liter unit and Coveri sq.m. sq.m. sq.m.	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white) Paint Thinner Consumables All equipment/tools to be used and labor requirements will be arranged by the contractor ing PE Plastic 200 micron Insect Net (Mesh 24) Net Shade, 30% shading
1.8 1 8 H. Painting 1 1 2 8 I. Roofing 30 45	kgs pcs Works, Me gallon gallon liter unit and Coveri sq.m. sq.m.	Welding Rod 10mm Roller Bearing All equipment/tools to be used and labor requirements will be arranged by the contractor etal Red Oxide Primer Acrylic Paint (white) Paint Thinner Consumables All equipment/tools to be used and labor requirements will be arranged by the contractor ing PE Plastic 200 micron Insect Net (Mesh 24)

		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
I Supply/	 Delivery and	d Installation of Submersible Pumping System with
	ete Accessori	
1	set	Supply/Delivery and Installation of Submersible
•		Pumping System with Complete Accessories
3	bag	Cement
0.5	cu.m.	Gravel
0.5	cu.m	Sand
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
K. Water 7	Tank and Pip	
55	Bags	Cement
200	Kgs	RSB
4	cu.m.	Gravel
3	cu.m.	Sand
75	bd.ft.	Form Lumber
3	pcs	Plywood
6	kgs	CW Nails
4	kgs	Tie Wire
1	set	GI Pipelines with accessories
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
L. Earthwo	orks and Lev	velling for 300sq.m. lot
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
M. Nursery	Supplies ar	nd Materials
2	pcs	Bolo
3	pcs	Shovel
5	pcs	Hand trowel
1	set	Knapsack Sprayer (16L capacity)
130	sacks	Dried Rice Hull
95	sacks	Organic Compost
95	sacks	Garden Soil
10,000	pcs	Potting Bags (3x3x10)
3	pcs	Sprinklers
2	pcs	Plastic Drum (400L capacity)
3	pcs	Pails (20L capacity)
3	pcs	Sinkers
1	set	Planting materials (mixed)
1	set	Pesticides and Fertilizers
		Labor for maintenance will be arranged by the
	1	contractor with the PO-partner

Lot Number	Quantity	Unit	Specification
LOT 6	A. Project Signboard		
	32 sq. ft		Tarpaulin (4' x 8')
	27 bd. Ft.		2" x 2" x 8' Good Lumber
	1 Pcs		4' x 8' x ¹ / ₄ " Marine Plywood
	2	kgs	Assorted CWN

		1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		All equipment/tools to be used and labor
D C(/	1.04 1.01	requirements will be arranged by the contractor
	ral Steel, GI	_ .
35	pcs	2" dia. GI Pipes Sch.40
12	pcs	1.5"dia GI Pipe Sch.40
12	pcs	1"dia GI Pipe Sch.40
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
		essories, Steel Plate
25	kgs	1/4" x 2" Flat Bar
2.5	kgs	Welding Rod
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
D. Metal S	Structure Acc	essories, Pipe Clamps
35	kgs	1/8" x 2" Flat Bar
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
E. Metal S	Structure Acc	essories, Bolts & Nuts with washer
27	kgs	3/8 Bolts & Nuts with washer
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
F. Steel Pl	lant Rack	
9	pcs	1" GI Pipe Sch.20
11	pcs	1" x ¼" Angular Bar
7	pcs	2 x 2 x 5mm Steel Matting
6	kgs	Welding Rod
	Kg5	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
G Sliding	Door (Steel	
1	pc	1" GI Pipe Sch.20
2	1	1" x ¼" Angular Bar
1.8	pcs	
	sq.m.	Insect Net (Mesh 24)
<u>l</u>	kgs	Welding Rod
8	pcs	10mm Roller Bearing
		All equipment/tools to be used and labor
II D ' ·'	. 337. 1 3.5	requirements will be arranged by the contractor
	g Works, Me	
0.5	gallon	Red Oxide Primer
1	gallon	Acrylic Paint (white)
2	liter	Paint Thinner
8	unit	Consumables
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
1	g and Coveri	
40	sq.m.	PE Plastic 200 micron
50	sq.m.	Insect Net (Mesh 24)
50		NI (01 1 200/ 1 1'
45	sq.m.	Net Shade, 30% shading
	sq.m.	Net Shade, 30% shading 1" Tekscrew
45	1	

		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
J. Supply	/Delivery an	d Installation of Submersible Pumping System with
	ete Accessor	
1	set	Supply/Delivery and Installation of Submersible
		Pumping System with Complete Accessories
3	bag	Cement
0.5	cu.m.	Gravel
0.5	cu.m	Sand
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
K. Water	Tank and Pir	
40	Bags	Cement
220	Kgs	RSB
4	cu.m.	Gravel
3	cu.m.	Sand
75	bd.ft.	Form Lumber
3	pcs	Plywood
6	kgs	CW Nails
4	kgs	Tie Wire
1	set	GI Pipelines with accessories
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
L. Earthw	orks and Le	velling for 300sq.m. lot
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
M. Nurser	y Supplies a	nd Materials
2	pcs	Bolo
3	pcs	Shovel
5	pcs	Hand trowel
1	set	Knapsack Sprayer (16L capacity)
150	sacks	Dried Rice Hull
90	sacks	Organic Compost
90	sacks	Garden Soil
10,000	pcs	Potting Bags (3x3x10)
3	pcs	Sprinklers
2	pcs	Plastic Drum (400L capacity)
3	pcs	Pails (20L capacity)
3	pcs	Sinkers
1	set	Planting materials (mixed) worth 20k
1	set	Pesticides and Fertilizers worth 20k
		Labor for maintenance will be arranged by the

Lot Number	Quantity	Unit	Specification
LOT 7	A. Project Signboard		
	32 sq. ft		Tarpaulin (4' x 8')
	27 bd. Ft.		2" x 2" x 8' Good Lumber
	1 Pcs		4' x 8' x ¹ / ₄ " Marine Plywood
	2	kgs	Assorted CWN

		441
		All equipment/tools to be used and labor
D. Ct	1.0. 1.01	requirements will be arranged by the contractor
	ıral Steel, GI	1
35	pcs	2" dia. GI Pipes Sch.40
12	pcs	1.5"dia GI Pipe Sch.40
12	pcs	1"dia GI Pipe Sch.40
		All equipment/tools to be used and labor
C. M.+-10	74 4 4	requirements will be arranged by the contractor
	1 .	cessories, Steel Plate 1/4" x 2" Flat Bar
25 2.5	kgs	Welding Rod
2.3	kgs	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
D Metal 9	Structure Ac	cessories, Pipe Clamps
35	kgs	1/8" x 2" Flat Bar
	ngo	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
F Metal !	Structure Ac	cessories, Bolts & Nuts with washer
27	kgs	3/8 Bolts & Nuts with washer
	Kgs	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
F. Steel P	lant Rack	154unements with 65 untanged by the contractor
8	pcs	1" GI Pipe Sch.20
10	pcs	1" x ¼" Angular Bar
7	pcs	2 x 2 x 5mm Steel Matting
6	kgs	Welding Rod
	8	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
G. Sliding	Door (Steel	· · ·
1	pc	1" GI Pipe Sch.20
2	pcs	1" x 1/4" Angular Bar
1.8	sq.m.	Insect Net (Mesh 24)
1	kgs	Welding Rod
8	pcs	10mm Roller Bearing
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
	g Works, Mo	
0.5	gallon	Red Oxide Primer
1	gallon	Acrylic Paint (white)
2	liter	Paint Thinner
8	lot	Consumables
		All equipment/tools to be used and labor
		requirements will be arranged by the contractor
	g and Cover	
30	sq.m.	PE Plastic 200 micron
40	sq.m.	Insect Net (Mesh 24)
40	sq.m.	Net Shade, 30% shading
500	pcs.	1" Tekscrew
30	pcs.	1" x 0.5mm x 3m Aluminum C-Channel
35	1	1" x 2m x 2mm Wiggle Wire

		All equipment/tools to be used and labor		
		requirements will be arranged by the contractor		
I Supply/I	Delivery and	Installation of Submersible Pumping System with		
Complete Accessories				
1	set	Supply/Delivery and Installation of Submersible		
•		Pumping System with Complete Accessories		
5	bag	Cement		
0.5	cu.m.	Gravel		
0.5	cu.m	Sand		
0.0		All equipment/tools to be used and labor		
		requirements will be arranged by the contractor		
K. Water T	ank and Pipel			
45	Bags	Cement		
210	Kgs	RSB		
4	cu.m.	Gravel		
3	cu.m.	Sand		
75	bd.ft.	Form Lumber		
3	pcs	Plywood		
6	kgs	CW Nails		
4	kgs	Tie Wire		
1	set	GI Pipelines with accessories		
		All equipment/tools to be used and labor		
		requirements will be arranged by the contractor		
L. Earthwo	rks and Level	lling for 300sq.m. lot		
		All equipment/tools to be used and labor		
		requirements will be arranged by the contractor		
M. Nursery	Supplies and			
2	pcs	Bolo		
3	pcs	Shovel		
5	pcs	Hand trowel		
1	set	Knapsack Sprayer (16L capacity)		
120	sacks	Dried Rice Hull		
90	sacks	Organic Compost		
90	sacks	Garden Soil		
10,000	pcs	Potting Bags (3x3x10)		
3	pcs	Sprinklers		
2	pcs	Plastic Drum (400L capacity)		
3	pcs	Pails (20L capacity)		
3	pcs	Sinkers		
1	set	Planting materials (mixed) worth 20k		
1	set	Pesticides and Fertilizers worth 20k		
-	1			
		Labor for maintenance shall be arranged by the		

Lot Number	Quantity	Unit	Specification
LOT 8	A. Project Signboard		
	32	sq. ft	Tarpaulin (4' x 8')
	27 bd. Ft.		2" x 2" x 8' Good Lumber
	1	Pcs	4' x 8' x ¹ / ₄ " Marine Plywood
	2	kgs	Assorted CWN

		A 11
		All equipment/tools to be used and labor
D. Chanata	nol Cto ol CI	requirements will be arranged by the contractor
	ral Steel, GI	- †
<u>4</u> 2	pcs	2" dia. GI Pipes Sch. 40
	pcs	1.5"dia GI Pipe Sch.40
2	pcs	1"dia GI Pipe Sch.40
		All equipment/tools to be used and labor
C. M.4-10	744	requirements will be arranged by the contractor
		cessories, Steel Plate
5	kgs	1/4" x 2" Flat Bar
1	kgs	Welding Rod
		All equipment/tools to be used and labor
D. Matal (74 4 4	requirements will be arranged by the contractor
		cessories, Pipe Clamps
10	kgs	1/8" x 2" Flat Bar
		All equipment/tools to be used and labor
E Mata16	Staniotrano A	requirements will be arranged by the contractor cessories, Bolts & Nuts with washer
		3/8 Bolts & Nuts with washer
5	kgs	
		All equipment/tools to be used and labor
E Steel D	lant Daals	requirements will be arranged by the contractor
F. Steel P		12 CI Ding Cal. 20
5	pcs	1" GI Pipe Sch.20
5	pcs	1" x ¼" Angular Bar
4	pcs	2 x 2 x 5mm Steel Matting
4	kgs	Welding Rod
		All equipment/tools to be used and labor requirements will be arranged by the contractor
G Sliding	Door (Steel	<u> </u>
0. Shang	pc	1" GI Pipe Sch.20
2	pcs	1" x ¼" Angular Bar
1.8	sq.m.	Insect Net (Mesh 24)
1.6	kgs	Welding Rod
8	pcs	10mm Roller Bearing
0	pes	All equipment/tools to be used and labor
		requirements will be arranged by the contractor
H Paintin	g Works, Me	
0.5	gallon	Red Oxide Primer
1	gallon	Acrylic Paint (white)
2	liter	Paint Thinner
	lot	Consumables
×	101	
8		All equinment/tools to be used and labor
8		All equipment/tools to be used and labor requirements will be arranged by the contractor
	g and Coveri	requirements will be arranged by the contractor
I. Roofin	g and Coveri	requirements will be arranged by the contractor
I. Roofin	sq.m.	requirements will be arranged by the contractor ng PE Plastic 200 micron
I. Roofin 25 40	sq.m.	requirements will be arranged by the contractor ng PE Plastic 200 micron Insect Net (Mesh 24)
I. Roofing 25 40 40	sq.m. sq.m. sq.m.	requirements will be arranged by the contractor ng PE Plastic 200 micron Insect Net (Mesh 24) Net Shade, 30% shading
I. Roofin 25 40	sq.m.	requirements will be arranged by the contractor ng PE Plastic 200 micron Insect Net (Mesh 24)

1	1					
		All equipment/tools to be used and labor				
		requirements will be arranged by the contractor				
4	bags	Bentonite Cement				
		All equipment/tools to be used and labor				
		requirements will be arranged by the contractor				
	Installation ar	nd Well Development				
5	pcs	6" Plain GI Casing				
5	pcs	3" Plain GI Riser Pipe				
6	pcs	6" Couping				
4	pcs	3" Couping				
1	pcs	6" GI Nipple				
1	pcs	3" GI Nipple				
1	pcs	3" GI Elbow				
1	pcs	Slotted Pipe				
1	pcs	6"x6m Sch.40 Deep Well Screen Pipe				
1	cu.m.	Pea Gravel				
6	pcs	Centralizer				
1	can	Solvent Cement				
1	pcs	Transition/Adopter Pipe				
1	pcs	Guide Shoe				
	1	All equipment/tools to be used and labor				
		requirements will be arranged by the contractor				
L. Supply	Delivery and	Installation of Submersible Pumping System with				
	ete Accessorie					
1	set	Supply/Delivery and Installation of Submersible				
		Pumping System with Complete Accessories				
3	bag	Cement				
0.5	cu.m.	Gravel				
0.5	cu.m	Sand				
		All equipment/tools to be used and labor				
		requirements will be arranged by the contractor				
M. Water	Tank and Pipe					
35	Bags	Cement				
180	Kgs	RSB				
4	cu.m.	Gravel				
2	cu.m.	Sand				
75	bd.ft.	Form Lumber				
3	pcs	Plywood				
6	kgs	CW Nails				
4	kgs	Tie Wire				
1	set	GI Pipelines with accessories				
1	SCI	All equipment/tools to be used and labor				
		requirements will be arranged by the contractor				
N Easthy	orks and I are	lling for 300sq.m. lot				
IN. Earthw	orks and Leve					
		All equipment/tools to be used and labor				
O N		requirements will be arranged by the contractor				
	Supplies and					
2	pcs	Bolo				

1	set	Knapsack Sprayer (16L capacity)
120	sacks	Dried Rice Hull
95	sacks	Organic Compost
95	sacks	Garden Soil
10,000	pcs	Potting Bags (3x3x10)
3	pcs	Sprinklers
2	pcs	Plastic Drum (400L capacity)
3	pcs	Pails (20L capacity)
3	pcs	Sinkers
1	set	Planting materials (mixed) worth 20k
1	set	Pesticides and Fertilizers worth 20k
		Labor for maintenance shall be arranged by the
		contractor with the PO-partner

L

Lot Number	Quantity	Unit	Specification		
LOT 9	A. Project Signboard				
	32	sq. ft	Tarpaulin (4' x 8')		
	27	bd. Ft.	2" x 2" x 8' Good Lumber		
	1	Pcs	4' x 8' x ¹ / ₄ " Marine Plywood		
	2	kgs	Assorted CWN		
			All equipment/tools to be used and labor		
			requirements will be arranged by the contractor		
	B. Structural Steel, GI Pipes				
	35	pcs	2" dia. GI Pipes Sch.40		
	12	pcs	1.5"dia GI Pipe Sch.40		
	12	pcs	1"dia GI Pipe Sch.40		
			All equipment/tools to be used and labor		
			requirements will be arranged by the contractor		
	C. Metal St	ructure Acces	ssories, Steel Plate		
	25	kgs	1/4" x 2" Flat Bar		
	2.5	kgs	Welding Rod (ordinary)		
			All equipment/tools to be used and labor		
			requirements will be arranged by the contractor		
			ssories, Pipe Clamps		
	35	kgs	1/8" x 2" Flat Bar		
			All equipment/tools to be used and labor		
			requirements will be arranged by the contractor		
			ssories, Bolts & Nuts with washer		
	27	kgs	3/8 Bolts & Nuts with washer		
			All equipment/tools to be used and labor		
			requirements will be arranged by the contractor		
	F. Steel Pla	int Rack			
	9	pcs	1" GI Pipe Sch.20		
	11	pcs	1" x ¼" Angular Bar		
	7	pcs	2 x 2 x 5mm Steel Matting		
	6	kgs	Welding Rod		
			All equipment/tools to be used and labor		
	~ ~1:::		requirements will be arranged by the contractor		
		Door (Steel F			
	1	pc	1" GI Pipe Sch.20		
	2	pcs	1" x ¼" Angular Bar		

1			
1.8	sq.m.	Insect Net (Mesh 24)	
1	kgs	Welding Rod	
8	pcs	10mm Roller Bearing	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
	g Works, Meta		
0.5	gallon	Red Oxide Primer	
1	gallon	Acrylic Paint (white)	
2	liter	Paint Thinner	
8	lot	Consumables	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
	g and Covering		
40	sq.m.	PE Plastic 200 micron	
50	sq.m.	Insect Net (Mesh 24)	
45	sq.m.	Net Shade, 30% shading	
500	pcs.	1" Tekscrew	
30	pcs.	1" x 0.5mm x 3m Aluminum C-Channel	
40	pcs.	1" x 2m x 2mm Wiggle Wire	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
		Installation of Submersible Pumping System with	
Comple	te Accessorie		
1	set	Supply/Delivery and Installation of Submersible	
		Pumping System with Complete Accessories	
6	bag	Cement	
1	cu.m.	Gravel	
1	cu.m	Sand	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
	ank and Pipe		
54	Bags	Cement	
220	Kgs	RSB	
5	cu.m.	Gravel	
4	cu.m.	Sand	
75	bd.ft.	Form Lumber	
4	pcs	Plywood	
6	kgs	CW Nails	
4	kgs	Tie Wire	
1	set	GI Pipelines with accessories	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
L. Earthwo	orks and Leve	lling for 300sq.m. lot	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
	Supplies and		
3	pcs	Bolo	
3	pcs	Shovel	
5	pcs	Hand trowel	
2	set	Knapsack Sprayer (16L capacity)	
200	sacks	Dried Rice Hull	

120	sacks	Organic Compost
120	sacks	Garden Soil
10,000	pcs	Potting Bags (3x3x10)
5	pcs	Sprinklers
5	pcs	Plastic Drum (400L capacity)
5	pcs	Pails (20L capacity)
5	pcs	Sinkers
1	set	Planting materials (mixed) worth 20k
1	set	Pesticides and Fertilizers worth 20k
		Labor for maintenance shall be arranged by the
		contractor to the PO-partner

Lot Number	Quantity	Unit	Specification			
LOT 10	A. Project S					
	32	sq. ft	Tarpaulin (4' x 8')			
	27	bd. Ft.	2" x 2" x 8' Good Lumber			
	1	Pcs	4' x 8' x ¹ / ₄ " Marine Plywood			
	2	kgs	Assorted CWN			
			All equipment/tools to be used and labor			
			requirements will be arranged by the contractor			
	B. Structural Steel, GI Pipes					
	35	pcs	2" dia. GI Pipes Sch.40			
	12	pcs	1.5"dia GI Pipe Sch.40			
	12	pcs	1"dia GI Pipe Sch.40			
			All equipment/tools to be used and labor			
			requirements will be arranged by the contractor			
	C. Metal St	ructure Acces	ssories, Steel Plate			
	25	kgs	1/4" x 2" Flat Bar			
	2.5	kgs	Welding Rod (ordinary)			
			All equipment/tools to be used and labor			
			requirements will be arranged by the contractor			
			ssories, Pipe Clamps			
	35	kgs	1/8" x 2" Flat Bar			
			All equipment/tools to be used and labor			
			requirements will be arranged by the contractor			
			ssories, Bolts & Nuts with washer			
	27	kgs	3/8 Bolts & Nuts with washer			
			All equipment/tools to be used and labor			
			requirements will be arranged by the contractor			
	F. Steel Pla		I th GLD: G 1 20			
	9	pcs	1" GI Pipe Sch.20			
	11	pcs	1" x ¼" Angular Bar			
	7	pcs	2 x 2 x 5mm Steel Matting			
	6	kgs	Welding Rod			
			All equipment/tools to be used and labor			
	G G1: 1: T) (C: 1.5	requirements will be arranged by the contractor			
	G. Sliding I	Door (Steel Fi	/			
	1	рс	1" GI Pipe Sch.20			
	2	pcs	1" x ¼" Angular Bar			
	1.8	sq.m.	Insect Net (Mesh 24)			
	1	kgs	Welding Rod			

		10 24 2	
8	pcs	10mm Roller Bearing	
		All equipment/tools to be used and labor	
TT 75 : ::	*** 1 > 6	requirements will be arranged by the contractor	
	Works, Meta		
0.5	gallon	Red Oxide Primer	
1	gallon	Acrylic Paint (white)	
2	liter	Paint Thinner	
8	lot	Consumables	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
	and Covering		
40	sq.m.	PE Plastic 200 micron	
50	sq.m.	Insect Net (Mesh 24)	
45	sq.m.	Net Shade, 30% shading	
500	pcs.	1" Tekscrew	
30	pcs.	1" x 0.5mm x 3m Aluminum C-Channel	
40	pcs.	1" x 2m x 2mm Wiggle Wire	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
		Installation of Submersible Pumping System with	
Complet	te Accessories		
1	set	Supply/Delivery and Installation of Submersible	
		Pumping System with Complete Accessories	
6	bag	Cement	
1	cu.m.	Gravel	
1	cu.m	Sand	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
K. Water T	ank and Pipel	ines	
54	Bags	Cement	
220	Kgs	RSB	
5	cu.m.	Gravel	
4	cu.m.	Sand	
75	bd.ft.	Form Lumber	
4	pcs	Plywood	
6	kgs	CW Nails	
4	kgs	Tie Wire	
1	set	GI Pipelines with accessories	
		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
L. Earthwo	rks and Level	ling for 300sq.m. lot	
2. 20111110		All equipment/tools to be used and labor	
		requirements will be arranged by the contractor	
M. Nurserv	Supplies and		
3	pcs	Bolo	
3	pcs	Shovel	
5	pcs	Hand trowel	
2	set	Knapsack Sprayer (16L capacity)	
200	sacks	Dried Rice Hull	
120	sacks		
120	sacks	Organic Compost Garden Soil	
120	Sacks	Garden 5011	

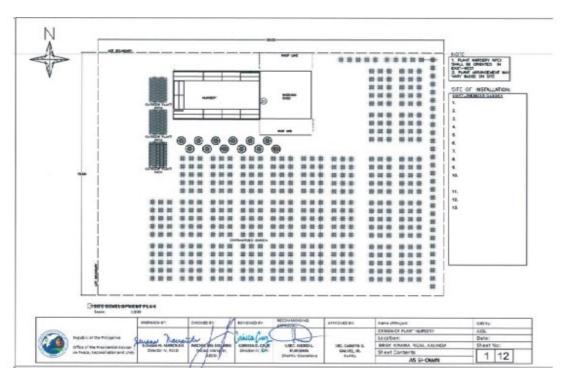
10,000	pcs	Potting Bags (3x3x10)
5	pcs	Sprinklers
5	pcs	Plastic Drum (320L capacity)
5	pcs	Pails (16L capacity)
5	pcs	Sinkers
1	set	Planting materials (mixed) worth 20k
1	set	Pesticides and Fertilizers worth 20k
		Labor for maintenance will be arranged by the
		contractor with the PO-partner



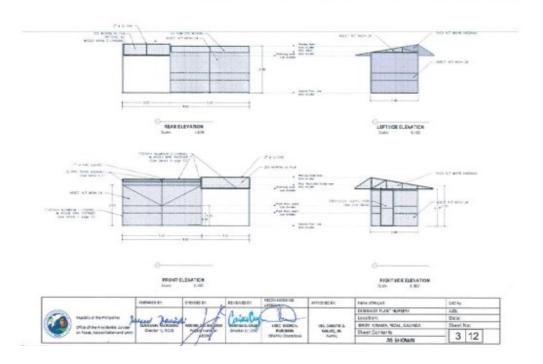
DETAILED ENGINEERING PLAN

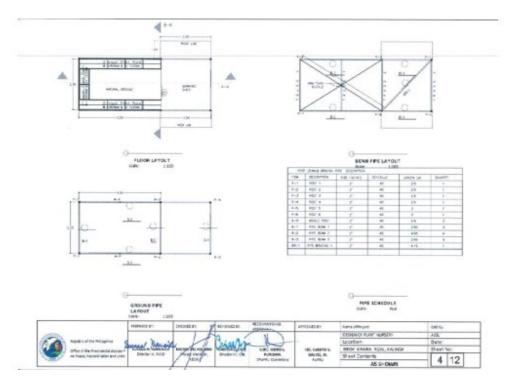
Design of Plant Nursery

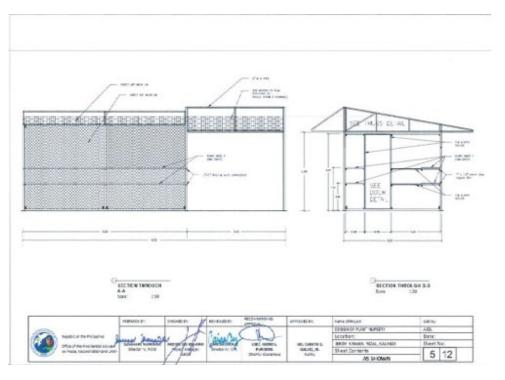


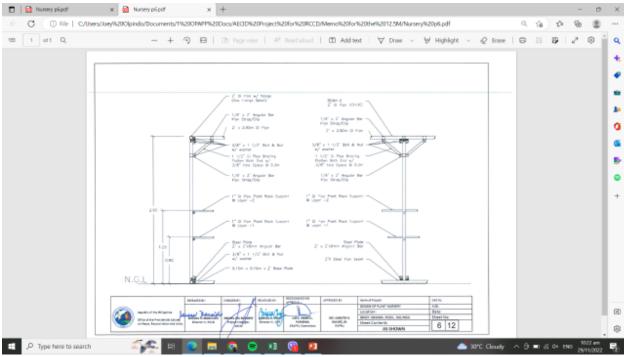


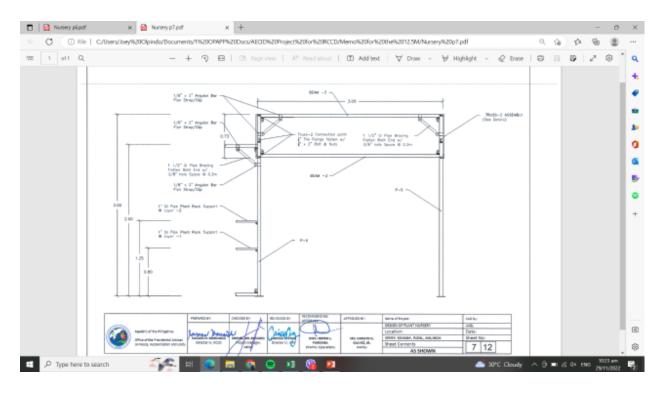


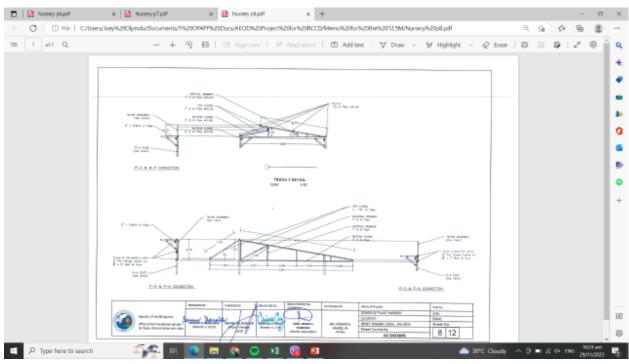


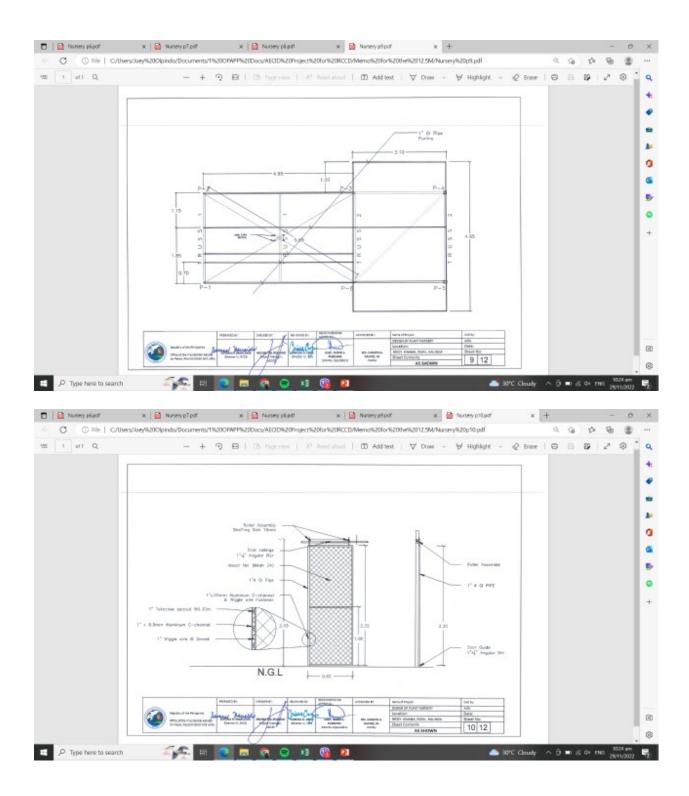


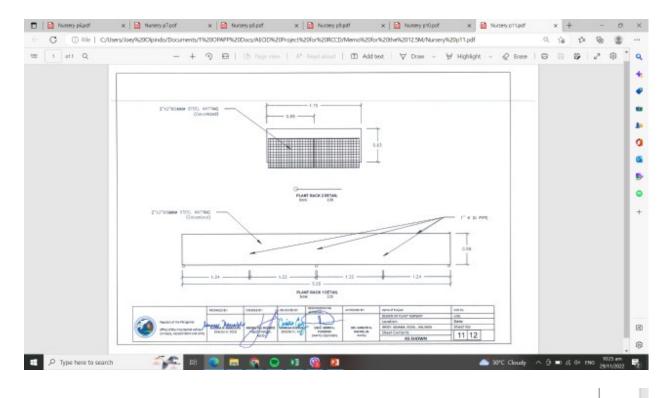


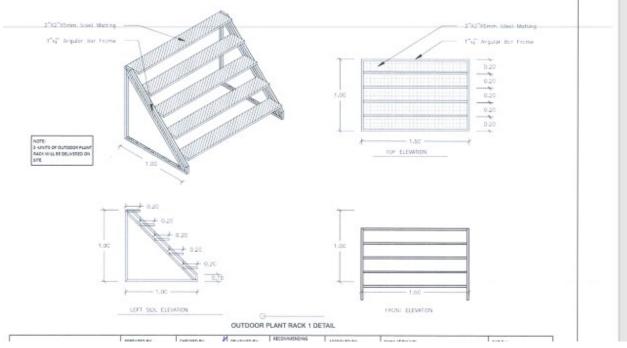












D. PLACES OF DELIVERY

- Lot 1 Sitio New Bangad, Brgy. Nambaran, City of Tabuk
- Lot 2 Brgy. Kinama, Rizal, Kalinga
- Lot 3 Sitio Ileb, Brgy. Nambaran, City of Tabuk
- Lot 4 Brgy. Basao, Tinglayan, Kalinga
- Lot 5 Brgy. Sumadel, Tinglayan, Kalinga
- Lot 6 Brgy, Gohang, Banaue, Ifugao
- Lot 7 Brgy. Marcela, Sta.Marcela, Apayao
- Lot 8 Brgy. Calafug, Conner, Apayao
- Lot 9 Brgy. Dominglay, Licuan-Baay, Abra

• Lot 10 – Brgy. Ducligan, Bucloc, Abra

E. PERIOD OF DELIVERY

The Supply, Delivery and Construction of Plant Nurseries under the SIPAT: Maximizing Human Capital and Natural Resources in the CAR Project shall be on 31 December 2022.

F. MANNER OF PAYMENT

Payment shall be made after the submission of billing statement and other necessary documents.

G. OTHER TERMS

- 1. The labor component during the delivery (hauling) of supplies and materials and the construction of the nursery will be sourced from the community particularly the skilled and unskilled workers.
- 2. The cost of delivery for all materials including transport of equipment to each project site shall be borne by the winning contractor.
- 3. All permits and required clearances shall be shouldered by the winning contractor.