Proposal	ABSTRACT OF PROPOSED COMPENSATORY No.: FP/WB/OFC/121290/2021	AFFORESTA	HON	
): 0.46 ha (From Jaldhaka Bridge to Khunia More)			
	Range: Diana, Beat: Khairkata, Block: South Diana Area: 0.92 ha			
	of 0.58 ha Forest Land (in Jalpaiguri Division 0.46 ha) in favour of		mm I.	td From
	Bridge to Khunia More	Achiance dio mideo	, mm L	tu. From
	Creation of Plantation(0.92ha) and Solar	power fencing		
SLNo	Particulars of work	Area (Ha.)		Amount (Rs.)
1	Estimate for Creation of Misc. Plantation NB	0.92	₹	1,17,527.00
2	Total Cost of maintenance for Plantation (1st Yr. to 10th Yr.)	0.92	₹	1,75,968.00
3	Supply of base unit Material for construction of solar power fencing	300 mt.	₹	1,77,657.00
4	Supply of Labour, Material Transportation and Installing Power Fencing with Maintenance	300 mt.	₹	35,532.00
		Total	₹	5,06,684.00
5	Add: Contingency @ 3% on Total = 5,06,684.00/-		₹	15,201.00
Grand T	otal = (Rupees Five Lakh Twenty One Thousand Eight Hundred I	Eighty Five only)	₹	5,21,885.00
	Courtersigned 3005122		nitted by	
	CCF / NC /WB		Ih.	36/05/22
ol: co	S.K. Mollay, I.F.S servator of Forests, Northern Circle	Vikas	V (IFS	5)
Chief Con	servator of Forests, Northern Circle	DFO, Jalpa	uguri D	ivision
		Divisiona Jalpai	guri E	est Officer Nylsion

	Proposal No.: FP	/WB/OFC/121	290	/2021			
Forest F	Range: Diana Range	Beat: Khairka	ta				
Spacing	g: 2m X 2m	Species : Misc					
No. Of	seedling/ ha: 2500 Nos.		1				
Total ar	rea to be Planted: 0.92 ha						
Size of	the pit: Miscellaneous (NB)- (60 X 45 X 45cr	n)					
Wage o	f Labour : Rs. 300/- per DL						
Species	to be Planted: Misc. Plantation NB						
	(i) CA Area Under Jal	paiguri Divisio	n : 0	.92 Hectare	,		
1	Cost of seedlings (2500 nos + 15% insurance) = 2875 nos @ Rs. 20/- seedlings	Dec to June		LS	LS	₹	57,500.00
2	Survey and demarcation of the plantation including preparation of Regeneration Map and GPS Survey map	1 ha	₹	600.00	1 ha	₹	600.00
3	Initial cleaning of Preplanting plantation area by cutting jungles & undergrowth bushes as where necessary	1 ha	₹	7,800.00	1 ha	₹	7,800.00
4	Stacking and alignment of plantation site, collection of stacks, pitching etc.	1 ha	₹	1,800.00	1 ha	₹	1,800.00
5	Pit cutting Miscellaneous (NB)- (60 X 45 X 45cm)	1 ha	₹	12,600.00	1 ha	₹	12,600.00
6	Soil Moisture Conservation - Digging of box trench over a length of 500mt of sixe 5m X 0.45m X 0.45m	1 ha	₹	11,100.00	0.5 ha	₹	4,980.00
7	Creation of Instection Path by removing weeds, scarping and by providing proper drain along the diagonal of the plantation site of 3mt wide	100mtr	₹	1,800.00	50 mtr	₹	900.00
8	Pit filling and application of Farm yard Manure : i)Miscellaneous (NB)	1 ha	₹	5,400.00	1 ha	₹	5,400.00
9	Transplanting of Hycopots seedling into pits including man carriage from the unloading point: Miscellaneous (NB)	1000 nos	₹	4,200.00	2500 nos	₹	10,500.00
10	Application of insecticides and other chemicals whenever necessary	1000 nos	₹	900.00	2500 nos	₹	2,250.00

100 nos

1 ha

1000 nos

1 ha

1 ha

1000 nos

1000 nos

100 mtr

₹

₹

₹

600.00

6,000.00

4,500.00

4,500.00

3,900.00

3,900.00

3,900.00

1,500.00

250 nos

1 ha

2500 nos

1 ha

1 ha

1 ha

1 ha

150 mtr

₹

₹

₹

₹

1,500.00

6,000.00

11,250.00

4,500.00

3,900.00

3,900.00

3,900.00

2,250.00

Vacancy infilling of pits with new seedling

Creation of fireline to protect plantation from fire, by making 3mt fireline inside plantation and boundary by removing weeds and

vegetation and scrapping, cutting of asll

existing wwed growth to a width of 3m Heaping, burning abd re-burning in younger

wherever there mortality due abiotic and

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biotic factors

1st Cleaning

1st Mulching

2nd Cleaning

3rd Cleaning

4th Cleaning

5th Cleaning

plantation.

			-				
19	Providing watch and ward in the form of man days to observe the plantation and protect the plantation from damages arining out biotic factors for the entire year	1 ha	₹	4,200.00	1 ha	₹	4,200.00
20	Organic manure (50gms/plants)	1 Mt	₹	30,000.00	0.125 mt	₹	3,750.00
21	Transplanting of Hycopots seedling from ursery to plantation site including loading & unloading : lead distance >20km & upto 30km: 300 CC Hycopots.	1000 nos	₹	1,500.00	2500 nos	₹	3,750.00
22	Collection of Hycopots after plantation & transporting back to central nursery after careful packing etc. lead distance >20km & upto 30km: 300 CC Hycopots.	1000 nos	₹	600.00	2500 nos	₹	1,500.00
23	Fencing: Vegetation fencing using bamboo post at least of 6ft hight with 1ft embedded underground and not more than 5ft apart with splitted bamboo of atleast 5 rows and using ipomea/brushwood/thron as locally available as filler.	10 mtr	₹	1,500.00	100 mtr	₹	15,000.00
24	Signage: Instattation of sign board with Forest directorate colour code and emblem of size 3' x 4ft made out of brick work and plastered and well finished and painted with good quality paint					₹	700.00
		or Creation of !	Misc	. Plantation	NB (per ha)	₹	1,12,930.00
		Total area to be				₹	1,03,895.60
				(B) Add: C	GST @ 12%		12,467.47
					Total (A+B)	-	1,16,363.00
		((C) A	dd: Labour (Cess @ 1%	₹	1,163.63
				l : { Total(_	1,17,527.00
	Countersigned by	REMEDIA			nitted by		
	Coff NC /WB S.K. Mollay, I.F.S		ivic	sional Fo	35/05/02 prest Offi	VIK	As.V
CI				alpaiguri	Division		
Ch	ief Conservator of Forests, Northern Circle			DFO, Jaipa	iguri Divisio	n	

		ance of Plant	-									
	1st Year Maintenance of Plantation	Period	R	Rate (Rs.)	MD/ Nos	A	amount(Rs.)					
1	Infilling with 2yrs old tall seedlings including transporation cost	Apr to May	₹	310.00	20	₹	6,200.00					
2	1st time weeding cleaning,earthing & mulching with application of fertilizer & vacancy filling	May to June	₹	310.00	24	₹	7,440.00					
3	Sparying of pesticides and nutrients on the plants	May to June	₹	310.00	5	₹	1,550.00					
4	2 nd time weeding cleaning,earthing & mulching with application of fertilizer & vacancy filling	Jul to Aug	₹	₹	₹	₹	₹	₹	310.00	15	₹	4,650.00
5	3 rd time weeding cleaning & mulching without application of fertilizer	Sept to Oct	₹	310.00	10	₹	3,100.00					
6	4 th time weeding cleaning & mulching without application of fertilizer	Dec to Jan	₹	310.00	10	₹	3,100.00					
7	Cost of watch & ward for fire and grazing control from September to March over 02 no.s watcher on contract	Apr to Mar	₹	310.00	30	₹	9,300.00					
8	Making fire lines 1.50 mt wide all along the periphery and 1.20 mt with inside plantation	Dec to Jan	₹	310.00	6	₹	1,860.00					
		Cost of mainte	nanc	e for 1 Ha.	Plantation	₹	37,200.00					
	2nd Year Maintenance of Plantation	Period	R	tate (Rs.)	MD/ Nos		Amount (Rs.)					
1	Infilling with 2yrs old tall seedlings including transporation cost	Apr to May	₹	320.00	16	₹	5,120.00					
2	1st time cleaning with soil mulching/earthing up	May to June	₹	320.00	22	₹	7,040.00					
3	Sparying of pesticides and nutrients on the plants	Jul to Aug	₹	320.00	3	₹	960.00					
4	2 nd time time cleaning with soil mulching/earthing up	Sept to Oct	₹	320.00	14	₹	4,480.00					
5	3 rd time cleaning with soil mulching/earthing up	Dec to Jan	₹	320.00	10	₹	3,200.00					
6	Cost of watch & ward for fire and grazing control from September to March over 02 no.s watcher on contract	Apr to Mar	₹	320.00	24	₹	7,680.00					
7	Making fire lines 1.50 mt wide all along the periphery and 1.20 mt with inside plantation	Dec to Jan	₹	320.00	4	₹	1,280.00					
		Cost of mainte	nanc	e for 1 Ha.	Plantation	₹	29,760.00					
	3rd Year Maintenance of Plantation	Period	R	ate (Rs.)	MD/ Nos		Amount (Rs.)					
1	Infilling with 2yrs old tall seedlings including transporation cost	Apr to May	₹	330.00	5	₹	1,650.00					
2	1st time cleaning with soil mulching/earthing up	May to June	₹	330.00	15	₹	4,950.00					
3	Sparying of pesticides and nutrients on the plants	Jul to Aug	₹	330.00	4	₹	1,320.00					
	2 nd time time cleaning with soil											

	Mulching	Dec to May	₹	370.00	5	₹	1,850.0
2	Fire Protection (Fire Watcher)	Jan to Mar	₹	370.00	30	₹	11,100.0
1	7th Year Maintenance of Plantation	Period		ate (Rs.)	MD/ Nos		Amount (Rs.)
		Cost of manife	lance	TOT I Ha.	Liantation	(12,600.0
-	Mulching	Dec to May Cost of mainte	₹	360.00	5 Plantation	₹	1,800.0
2	Fire Protection (Fire Watcher)	Jan to Mar	₹	360.00	30	₹	10,800.0
	6th Year Maintenance of Plantation	Period		ate (Rs.)	MD/ Nos		Amount (Rs.)
		cost of mainte	папс	or I Ha.	riantation	₹	18,550.0
6	periphery and 1.20 mt with inside plantation	Dec to Jan Cost of mainte	₹	350.00	Plantation	₹	1,400.
	Making fire lines 1.50 mt wide all along the						
5	Cost of watch & ward for fire and grazing control from September to March over 02 no.s watcher on contract	Apr to Mar	₹	350.00	12	₹	4,200.
4	2 nd time time cleaning with soil mulching/earthing up	Dec to Jan	₹	350.00	15	₹	5,250
3	Sparying of pesticides and nutrients on the plants	Jul to Aug	₹	350.00	2	₹	700
2	1st time cleaning with soil mulching/earthing up	May to June	₹	350.00	15	₹	5,250
1	Infilling with 2yrs old tall seedlings including transporation cost	Apr to May	₹	350.00	5	₹	1,750
	5th Year Maintenance of Plantation	Period	R	ate (Rs.)	MD/ Nos		Amount (Rs.)
		Cost of manite	Панс	e tor i ma.	Fiantation	₹	18,360.
6	Making fire lines 1.50 mt wide all along the periphery and 1.20 mt with inside plantation	Dec to Jan	₹	340.00	4	₹	1,360.
5	Cost of watch & ward for fire and grazing control from September to March over 02 no.s watcher on contract	Apr to Mar	₹	340.00	12	₹	4,080
4	2 nd time time cleaning with soil mulching/earthing up	Dec to Jan	₹	340.00	15	₹	5,100
3	Sparying of pesticides and nutrients on the plants	Jul to Aug	₹	340.00	3	₹	1,020
2	1st time cleaning with soil mulching/earthing	May to June	₹	340.00	15	₹	5,100
1	Infilling with 2yrs old tall seedlings including transporation cost	Apr to May	₹	340.00	5	₹	1,700
	4th Year Maintenance of Plantation	Period	R	ate (Rs.)	MD/ Nos		Amount (Rs.)
		Cost of mainte	nanc	e for 1 Ha.	Plantation	₹	20,130
6	Making fire lines 1.50 mt wide all along the periphery and 1.20 mt with inside plantation	Dec to Jan	₹	330.00	4	₹	1,320
5	no.s watcher on contract	Apr to Mar	₹	330.00	18	₹	5,940

	8th Year Maintenance of Plantation	Period	R	ate (Rs.)	MD/ Nos		Amount (Rs.)
1	Fire Protection (Fire Watcher)	Jan to Mar	₹	380.00	30	₹	11,400.00
2	Mulching	Dec to May	₹	380.00	5	₹	1,900.00
		Cost of mainte	nanc	e for 1 Ha.	Plantation	₹	13,300.00
	9th Year Maintenance of Plantation	Period	R	ate (Rs.)	MD/ Nos		Amount (Rs.)
1	Fire Protection (Fire Watcher)	Jan to Mar	₹	400.00	30	₹	12,000.00
2	Mulching	Dec to May	₹	400.00	5	₹	2,000.00
		Cost of mainte	nanc	e for 1 Ha.	Plantation	₹	14,000.00
	10th Year Maintenance of Plantation	Period	Rate (Rs.)		MD/ Nos		Amount (Rs.)
1	Fire Protection (Fire Watcher)	Jan to Mar	₹	412.00	30	₹	12,360.00
2	Mulching	Dec to May	₹	412.00	5	₹	2,060.00
		Cost of main	tenar	ice for 1 Ha	a. Plantation	₹	14,420.00
		Total Cost of main	tenar	ice for 1 Ha	a. Plantation	₹	1,91,270.00
		Total area to be	Plan	ited in Ha:	0.92	₹	1,75,968.00
			Fotal	Cost of m	aintenance	₹	1,75,968.00
	Countersigned by			Subm	nitted by		
	Countersigned CCF NC AVB LF.S hist Conformation		Divis	Jonal Fo	24105122 Drest Office	KA	s. V
C	hief Conservator of Forests, Northern Circle		Ja	alpaiguri	Division iguri Divisio		

		Proposal No.: FP/WB/OF				
	est Range: Diana Range		Beat: Khairl Solar Power F			
	TURE OF WORK a to be protected Hectare		Solar Power F	encing	0.92 ha	
_	ce Length (Perimeter) Me	ter			300	
	ce Height above ground le				2.14	(7 ft)
	nber of wire rows / strand				7	The State of
	cing between wire rows N				0.3	(1 ft)
-	to Pole distance Meter				5	
Tota	al Pole Height (Above+Be	elow Meter			2.74	(8.5 ft)
	und level (1.5 ft))					
Tecl	hnical Specifications for a	above Model and its cost				
SLN	Name of items	Specification	Quantity	Rate (Rs.)	Amount (Rs.)	Remarks
0.		The Electric	nal Unit			
A. 1	Energizer	Input Voltage: 12V DC, Input Current: 500MA, Output Voltage: 6.0 KV - 10.0 KV, Pulse Interval: 1.2 Second, Pulse Duration: 0.3 Milli Second, Output energy: 2.5 Joules	1	25000	₹ 25,000.00	
2	Fence Voltage Alarm		1	1000	₹ 1,000.00	
3	Solar PV Module	72 Wp	1	5500		
4	Battery	80 Ah	1	5500		
5	Hooter	320 DB	1	500		
6	Lightening Diverter	Copper	2	2500		
7	Mounting box	Mild Steel with Powder coating	1	3000	₹ 3,000.00	
8	Module Mounting	Mild Steel with Powder coating	1	1500	₹ 1,500.00	
9	Structure with Pole Cables and Hardware	2 Core conner florible coble (Mtre)	5	30	₹ 150.00	
B	Fence	2-Core copper flexible cable (Mtrs)	3	30	₹ -	
1	H.T. Wire	ACSR Conductor wire, 2.59 mm (12 guage), TATA make or equivalent	2200	5.5		Total perimeter for protection X no. of wire rows + 100 m extra
2	Corner / End Posts	MS with Galvanised, 40x 40 Sq.mm Pipe, 8.5 Feet with PP Insulator revetting	8	640	₹ 5,120.00	2 at gates + one per s meter at corners/end
3	Support Posts	MS with Galvanised, 25x 25 Sq.mm Pipe, 8.5 Feet with PP Insulator revetting	22	390	₹ 8,580.00	2 each at corner/end post + 2 at each post at 10 m
4	Intermediate Posts	MS with Galvanised, 25x 25 Sq.mm Pipe, 8.5 Feet with PP Insulator revetting	60	390	₹ 23,400.00	As per spacing
5	Support Poles Bolts	Mild Steel	22	25	₹ 550.00	One for each support
6	Corner Poles/End Insulators	Poly Propylene	56	7	₹ 392.00	No. of Corner post and end post X number of wire rows
7	Intermediate Poles Insulators	Poly Propylene	420	7	₹ 2,940.00	No. of intermediate posts X number of wire rows
8	Corner Pole Hooks	SS	56	7	₹ 392.00	No. of Corner post and end post X number of wire rows
9	Wire Tightners	MS	21	25	₹ 525.00	One each at 100 m fence length
10	Joint Clamps	GI	21	7	₹ 147.00	One each at 100 m fence length
11	Double Insulated Cable Single Core	ACSR wire, 2.0mm Dia	50	25	₹ 1,250.00	
	Earth Kits (Galvanizing)	Copper	6	700	₹ 4,200.00	one at each 50 m fence length
13 C	Warning Sign Boards Gates	PVC	30	75		One each at 10 m fence length
1	4 ft wide gate 1 leaf		1	32350	₹ 32,350.00	1.0
D		Instruments / tools		32330	32,330.00	Lo
1	Digital Multi meter	Range Upto -20000 KV	1	7500	₹ 7,500.00	

2	Xenon Flash Tube			1		3000	₹	3,000.00		
3	Neon Tester			1		2500	₹	2,500.00		
4	Tool kit (wire tightener han joining clamp tighteninig	dle twistin tool, pliers, double ended spanner for		1		1000	₹	1,000.00		
	p 0 1 0			Total I	en	cing work	₹	1,55,346.00		
II	Civil Work									
1	Excavation for Poles :- 0.45mx0.60mx0.60m (CuM)	0.162		14.58		150	₹	2,187.00	corner/	diate and
2	Providing and laying cement concrete for Post (Cum)			14.58		800	₹	11,664.00		
				Tota	al C	ivil Work	₹	13,851.00		
				Gran	d T	otal (I+II)	₹	1,69,197.00		
				(111) h	nstallation	₹	8,459.85	5% of a	bove
						Total	₹	1,77,657.00		
		Operation & Mainte	ena	nce Cost						
SI. No.	Particulars	Yr-1		Yr-2		Yr-3		Yr-4		Yr-5
A	Expenditure		_							
i	Fixed Cost of Fencing	₹ 1,77,657.00	-							
	Operation & Maintenance		₹	8,883.00	₹	8,883.00	₹	8,883.00	₹	8,883.00
ii	Cost (5% of fixed cost)				-		-	8,883.00	3	8,883.00
	The state of the s	₹ 35,532.00	₹	8,883.00	4	8,883.00	1	0,000.00	1	
	Cost (5% of fixed cost) b-Total Cost (Yr-2 to Yr-5)	₹ 35,532.00 ountersigned by	₹	8,883.00	*			mitted by		