

### Government of West Bengal Directorate of Forests

## Office of the Divisional Forest Officer Jalpaiguri Forest Division

"Aranya Bhawan" (First Floor), Collectorate Avenue, Hakimpara, Jalpaiguri: 735101, West Bengal E-mail: dfojal-wb@nic.in

No. 1644/8-8

Dated: 14-07-2023

**To,**The Nodal Officer
Forest Conservation Act, West Bengal

Ref: EDS Query: IRO/KOL/WB/Others/145923/2021/141 dated 12th April 2023

Sub: Proposal for diversion of 0.0144 ha of forest land in favour of Jio Reliance Infocom Ltd

for setting up of Mobile Tower at Hillajhora forest compartment

#### Madam/Sir,

Inviting attention to the above-mentioned subject and reference, an EDS Query was raised by IRO/KOL/WB/Others/145923/2021/141 dated 12th April 2023 in connection with the forest land diversion proposal (0.0144 ha) submitted by Reliance Jio Infocom Ltd. for setting up a mobile tower at Hillajhora forest compartment of this forest division. The queries were carefully examined by this office, and the replies are furnished below.

- 1) The user agency has replied to this query by attaching a copy of the communication by the Nodal Officer, FCA West Bengal, relying upon a clarification provided by DG Forest on the provisions of raising compensatory afforestation dated 13-06-2023. (Regarding provision of providing Non-Forest Land for CA, as per the Circular of MoEF & CC vide ref no FC11/118/2021-FC dated 13th June 2022, clause V.(b) for diversion of Forest Land less than a Hectare alternate land is not required for CA) (Enclosure-I). Submitted for your kind verification and further consideration.
- 2) The compensatory afforestation scheme has been revised as instructed, and the revised CA scheme for the creation and maintenance of 100 seedlings has been uploaded to the portal (Enclosure-II).
- 3) As per the Geo-coordinates provided by the user agency, a joint survey was conducted in the proposed area. However, the need for tree felling was neither pointed out by the user agency nor found necessary during the survey, as the area proposed for diversion is quite small. However, clearing of some bushes and weeds is required; the user agency has already given a declaration stating that they are ready to bear the cost of felling, logging, and transportation in the case of felling, if any. The forest adjacent to this area is quite dense.

This is for your kind attention and necessary action.

Enclosed: As stated

Divisional Forest officer Jalpaiguri Forest Division



Ref: RJIL/ SCO/ EDS/2023/07 Date: 13/07/2023

To, The Divisional Forest Officer Jalpaiguri Forest Division Jalpaiguri, West Bengal

Subject: Clarification on the EDS raised against Proposal for installation of Mobile Tower at Hillajhora Compartment under Jalpaiguri Division

Proposal ID: FP/WB/Others/145923/2021

In reply to your EDS dated 11 July 23 regarding provision of providing Non-Forest Land for CA, Once again this is to bring your kind notice that as per the Circular of MoEF & CC vide ref no FC-11/118/2021-FC dated 13th June 2022, clause V.(b) for diversion of Forest Land less than a Hectare alternate land is not required for CA.

In Support of that , A Letter of Nodal Officer, WB vide No 3420/L&LT/2M-83/2022 dated 11th July 2023 addressed to ACS Forest, Govt of WB is attached herewith for your reference.

Thanks & Regards.

For Reliance Jio Infocomm Limited

(Ashish Dasgupta) Deputy Manager

## Government of West Bengal Directorate of Forests

Office of the Principal Chief Conservator of Forests, Head of Forest Force

Aranya Bhawan, Block: LA-10A, Salt Lake City, Sector – III, Kolkata:: 700 106 Phone - Fax:: (033) 2335 8581/7751, e-mail: nfcawb@gmail.com

Visit us at: www.westbengalforest.gov.in

No- 3420 / L& LT/2M-83/2022

Dated: 11.07.2023

- To The Additional Chief Secretary to the Govt. of West Bengal, Department of Forest.
- Sub: Proposal for diversion of 0.0144 ha. of Forest Land in favour of Reliance Jio Infocomm Limited for setting up e-Node (Mobile Tower) at Mongpong 10 compartment under Kalimpong Forest Division (Propoal No. FP/WB/Others/145926/2021).
- Ref: i) Government of India, MoEF & CC letter no.FC-11/118/2021-FC dated. 13<sup>th</sup> June, 2023 (copy enclosed).
  - ii) Govt. of India, MoEF & CC, Integrated Regional Office, Kolkata EDS letter no. IRO/KOL/WB/Others/145926/2021/164 dated 2<sup>nd</sup> May, 2023.

As per June, 2022 Rules, compensatory afforestation was required to be undertaken over equivalent non-forest land for Private Sector. However, in a review meeting held on 10.07.2023, the DG, Forest clarified that letter dated. 13.06.2023 will be applicable retrospectively to Private Organization.

Therefore, the EDS raised by the IRO, Kolkata under reference (ii) regarding equivalent non-forest land for CA may not be considered for this project. Submitted please. Encl: As stated.

Addl. Principal Chief Conservator of Forests & Nodal Officer, Forest Conservation Act.

Dated: 11.07.2023

No- 3421 / L & LT/2M-83/2022

Copy forwarded for information and necessary action to:

- 1) The Chief Conservator of Forest, Hill Circle, West Bengal.
- 2) The Divisional Forest Officer, Kalimpong Forest Division.
- Shri Ashish Dasgupta, ROW Lead, JIO Digital Fiber Pvt. Limited, Tower-II, 18<sup>th</sup> Floor, Godrej Water Side Building, Sec-V, Salt Lake, Kolkata, Pin-700091.

Addl. Principal Chief Conservator of Forests & Nodal Officer, Forest Conservation Act.

# ABSTRACT COST INVOLVED FOR COMPENSATORY AFFORESTATION (For 100 nos. of seedlings)

Proposal No.: FP/WB/Others/145923/2021

Diversion of 0.0144 Ha for forest land for for Setting Up e-Node B (Mobile Tower) Tower at Hillajhora Compartment under Jalpaiguri Division of Jio Digital Fibre Private Limited.

CA Area: Range: Diana, Beat: Tollgate, Block: Central Diana

CA Area required for planting of 100 nos Seedlings: 0.04 ha (Pit size or planting order: 2m X 2m)

SI No	Particulars of the work	Items	Area proposed/ No. of		ipees)		
-	1 3 11 11 11 11 11 11 11 11 11 11 11 11	Tiens	beds / seedlings	Plantation	Nursery	1	Amount (Rs.)
1	Estimate of Plantation Works 100 nos. Seedlings (Detailed estimate as per Annexure –I)	a) Preliminary works	0.04 Ha	₹ 39,196.00		₹	39,196.00
2	Maintenance of 100 nos.	First Year	-do-	₹ 8,366.00		₹	8,366.00
3	Seedlings plantation (Detailed	Second Year	-do-	₹ 4,472.00		₹	4,472.00
4	estimate as per Annexure -II)	Third Year	-do-	₹ 7,080.00		₹	7,080.00
5		Fourth Year	-do-	₹ 6,552.00		₹	6,552.00
6		Fifth Year	-do-	₹ 4,488.00		₹	4,488.00
7	DENIE DE MI	Sixth Year	-do-	₹ 4,224.00		₹	4,224.00
8		Seventh Year	-do-	₹ 3,546.00	The delication of	₹	3,546.00
9		Eight Year	-do-	₹ 3,636.00		₹	3,636.00
10		Nine Year	-do-	₹ 3,726.00		₹	3,726.00
11		Tenth Year	-do-	₹ 3,816.00		₹	3,816.00
					(A) Total	₹	89,102.00
				(B)	Add: GST @ 18%	₹	16,038.00
					Total (A+B)	₹	105,140.00
				(C) Add: L	abour Cess @ 1%	₹	1,051.00
		DOLLAR DE LA CONTRACTION		Parallel	(D) Group Total	₹	106,191.00
		Estimate Of Solar Power	Fence with Operation	& Mainten	ance		
12	Total Cost of Solar Power Fenci Maintenance Cost (Detailed esti Annexure –III)					₹	143,174.00
					i Total (D+E)	₹	249,365.00
12	000	Over Head / Monitoring				₹	24,937.00
Office Expensess, Stationery ,Repair of Vehicle / Computer etc. @ 10% of above Rs = ₹ 249,365.00							
Monitoring & Evaluation @ 5% of above Rs = ₹ 249,365.00							
15	W.10		Contingency @ 3% of		₹ 249,365.00	₹	7,481.00
	Total C	A Cost = (Rupees two hund	fred ninety four thousa	ind, two hund	red fifty one only)	₹	294,251.00

Chief Conservator of Forests, Northern Circle, W.B

DFO, Jalpaiguri Division

Category	SI.	Item	1		Required		Amount
-megany	No.		Un	-1	Mandays		(Rs.)
		Fire Protection Works (Last fire protection		Labou			
Maint. Y	5 1	Wages of fire watcher Fire line clearance including			8	374.00	2,992.
		controlled burnin	g		1	374.00	374.
Maint. Y		Cost of singling out operation to provide prope spacing from one plant to another	r	1	1	374.00	374.
Maint. Y:	3	One weeding			1	374.00	374.0
Maint. Y		Miscellaneous expenditure e.g. salvaging o fencing materials from the plantation centre wherever fencing is no longer necessary	e		1	374.00	374.0
		P. C. 10 10 11			(	Total	4,488.0
	1	Estimate for Miscellaneous Plantation in North	h Ben	gal : Plai	ns - Maint	. Year 6	
Category	SI. No.	Item	Unit	Туре	Required Mandays	Rate	Amount (Rs.)
		Fire Protection Works (Last fire protection)		Labour			(143.)
Maint. Y6	1	Wages of fire watchers		LL_L	8	384.00	3,072.0
		Fire line clearance including controlled burning			1	384.00	384.0
Maint. Y6		Cost of singling out operation to provide proper spacing from one plant to another.			1	384.00	384.0
iviaint. Yo	3	One weeding			1	384.00	384.0
		Estimate for Miscellaneous Plantation in North	n	1 701 1		Total	4,224.0
2.1	Sl.	Estimate for Miscellaneous Plantation in North	Beng	gal : Plair		Year 7	
Category	No.	Item	Unit	Туре	Required Mandays	Rate	Amount
		Fire Protection Works (Last fire protection)	nos	Labour	ivididays		(Rs.)
Maint. Y7	1 -	Wages of fire watchers		200000	8	394.00	3,152.0
20000000		Fire line clearance including					
Total		controlled burning			1	394.00	394.0
Total		Fertimete for Min. II. W					3,546.0
	C1 I	Estimate for Miscellaneous Plantation in North	Beng			Year 8	
ategory	Sl. No.	Item	Unit	Туре	Required Mandays	Rate	Amount (Rs.)
	-		nos	Labour			
Maint. Y8	1	Wages of fire watchers			8	404.00	3,232.00
		Fire line clearance including controlled burning			1	404.00	404.00
						Total	3,636.00
T VIEW		Estimate for Miscellaneous Plantation in North	Dana	al . Dia:		V 0	
	SI.	Tankation in North	Denga	ar : Plain	_	Year 9	
ategory	No.	Item	Unit	Type	Required Mandays	Rate	Amount
5100		Fire Protection Works (Last fire protection)	nos	Labour	Mandays		(Rs.)
Aaint. Y9	1	Wages of fire watchers	1103	Laooui	8	414.00	3,312.00
Tunne 17	1	Fire line clearance including					3,312.00
		controlled burning			1	414.00	414.00
		Estimate for Missellaneous Plantation in Novel 1				Total	3,726.00
	SI.	Estimate for Miscellaneous Plantation in North B	enga			ear 10	
ategory	No.	Fire Protection W. J. G. 45		Туре	Required Mandays	Rate	Amount (Rs.)
	-		nos	Labour		(0.1)	
aint. Y10	1	Wages of fire watchers Fire line clearance including	-		8	424.00	3,392.00
		controlled burning			1	424.00	424.00
						CR0	
	7	otal Miscellaneous Plantation in North Bengal:				Total 0.04 ha.	3,816.00 49,906.00





		Annexure						
	est Range: Diana Range	Beat: Tollg						
_	TURE OF WORK	E OF WORK Solar energized fencing					n (400 Mtr.)	
0.	Name of items	Specification	Quantity		Rate (Rs.)		Amount (Rs.)	Remarks
A.	TO A DESCRIPTION OF THE PARTY O	The Electrical Instrumer	its / Tools (B	ase	Unit)			
-	SE UNIT FIXED COST:-			1-		_		
2	Energizer Solar PV Module	Energizer AEI (5Joules		₹		-		
	Exide maintenance free	Module 54/60 watts 12 vol	1	₹	5,400.00	₹	5,400.00	
3	Battery	12 volt 88 /100 amps	1	₹	15,000.00	₹	15,000.00	
4	Lightening Diverter	Сорре	2	₹	2,200.00	₹	2,200.00	
5	Double Insulated Cable Single Core	ACSR wire, 2.0mm Dia	50	₹	70.00	₹	3,500.00	LS
6	Earth Kits (Galvanizing)	Сорре	6	₹	400.00	₹	2,400.00	one at each 50 m fence length
7	Warning Sign Boards	PVC	20	₹	70.00	₹	1,400.00	One each at 10 m fence length
8	Digital Multi meter	Range Upto -20000 KV	1	₹	3,500.00	₹	3,500.00	
9	Xenon Flash Tube		1	₹	1,700.00	-	1,700.00	
10	Neon Tester		1	₹	1,200.00	-	1,200.00	
_	Upper by a co		Base	_	Total Cost		62,300.00	
C	VERIABLE COST :- (Fen	ce)		_				
1	H.T. Wire (In Kg.)	ACSR Conductor wire, 2.59 mm (12 guage), TATA make or equivalent		₹	135.00	₹	27,000.00	Total perimeter for protection X no. of wire rows + 100 m extra
2	Corner / End Posts (Pcs.)	MS with Galvanised, 40x 40 Sq.mm Pipe, 8.5 Feet with PP Insulator revetting		₹	1,800.00	₹	14,400.00	2 at gates + one pe 50 meter at corners/end
3	Support Posts (Pcs.)	MS with Galvanised, 25x 25 Sq.mm Pipe, 8.5 Feet with PP Insulator revetting	16	₹	700.00	₹	11,200.00	2 each at corner/en post + 2 at each po at 10 m
4	Intermediate Posts (Pcs.)	MS with Galvanised, 25x 25 Sq.mm Pipe, 8.5 Feet with PP Insulator revetting	100	₹	550.00	₹	55,000.00	As per spacing
5	Strain Insulator (Pcs.)		64	₹	400.00	₹	25,600.00	
6	Reel Insulator (Pcs.)		400	₹	10.00	₹	4,000.00	
7	Wire Tightners (Pcs.)		24	₹	85.00	₹	2,040.00	One each at 100 m fence length
8	Spring (Pcs.)		24	₹	320.00	₹	7,680.00	One each at 10 m fence length
TT.	Civil Wash		Total Cost o	f Fe	ncing work	₹	146,920.00	1000 Mtr. (1km.)
п	Civil Work			_				
1	Installation & Testing  Transportation charge 5 km	rate @ 9500.00/km				₹	3,800.00	CuM x Number of corner/end, intermediate and support posts
-	Transportation charge 5 km	ljob @ 15000.00/-	793		Cit. II and	₹	1,500.00 5,300.00	
Total Civil Work  Grand Total (Base Unit + Fence Unit + Civil Work)								
		Grand Total (base On		_	Gst @ 18%	_	214,520.00	
			A		Total	_	38,614.00 253,134.00	
	the state of the state of the		Add: Lah	our	Cess @1%		2,531.00	
T U			. Zaur Ento		Total		255,665.00	Cost of 1000 Mtr
		Total Cost of 400 r	ntr. Energized	Fer	ncing work	*	102,266.00	(1km.) for 400 mtr.
7		(Operation & Mainto			a nora	-	102,200.00	Tot 400 Ilitt.
I.	Particulars	Yr-1	Yr-2		Yr-3		Yr-4	Yr-5
31331	Expenditure							
0.		₹ 102,266.00						
0.	Fixed Cost of Fencing							
i i	Operation & Maintenance		₹ 10,227.00	₹	10,227.00	₹	10,227.00	₹ 10,227.0
i i			₹ 10,227.00 ₹ 10,227.00			- 9	10,227.00	





		(Annexure –I) Estimate of Plantation Works 10	00 nos.	Seedling	re				
A	Spacing	Being Prescribed as per Working Dian							
В		Pit size or planting order  2m X 2m  60cm. X 45cm x 45cm.							
Specie	s to be plan	steds: Misc Plantation Working Circle of and a 12 Children		oucm.	A 45cm x 45	cm.			
		nteds: Misc Plantation Working Circle of species like,Odal ( <u>Sterculia ville</u> <u>ca</u> ), Dabdabe ( <u>Garuga pinnata</u> ), Chiloune ( <u>Schima wallichii</u> ), Champ ( <u>Jaj (<u>Terminalia tomentosa</u>), Lali (<u>Amoora wallichii</u>) etc.</u>	osa) , Gan Michelia (	nar ( <i>Gmelir</i> champaca)	na arborea), Ba and Sidha ( <u>Las</u>	hera gerstroemia			
51. No.	SoR Ref.	nem	Unit	Unit	Rate	Amount (Rs.)			
- 1		Procurement of tall seedling for Plantation the site including Carriage. (20% extra)	120	120	200.00	24,000.0			
2	29	Survey and demarcation of the plantation area including GPS Survey by Technical person	0.04 ha	. 1	304.00	304.00			
3	27(a)	Clearance of moderate density areas: Clear felling. buming. heaping and re-bulning in thick undergroMh and bushes	0.04 ha	. 1	304.00	304.00			
4	30	Alignment of planting lines and staking the pit positions	0.04 ha.	. 1	304.00	304.00			
5	31(a)	Pit cutting: a) QGS (SB)/ Miscellaneous (NB)-60x45x45cm	0.04 ha.	. 2	304.00	608.00			
6	32	Soil moisture Conservation- Digging ofbox trench over a length ol'500 mt ofsire 5 m r 0.45m x 0.45m	0.04 ha.	2	304.00	608.00			
7	42	Cleaning of the pltn site and making inspection path	40 mt.	20 mt.	304.00	294.00			
8	33(i)	Pit filling and appliction of Farm yard  Manure : i) QCS (SB)/ Miscellaneous (NB)	ha.	1	304.00	304.00			
9	36(iii)	Transplanting of potted seedlings in pits, including filling up of planting pits with dug up pulverized soil, carriage of Root Trainers to planting site and collection and recarriage of Root Trainers to local store site	100 nos	2	304.00	608.00			
10	41	Application of insecticides and other chemicals whenever necessary	100 nos	2	304.00	608.00			
11	40	Vacancy infilling of pits with new seedling	100 nos	2	304.00	608.00			
12	38(a)	1st Cleaning	0.04 ha.	1	304.00	304.00			
13		1st Mulching and application of fertilizer	100 nos	1	304.00	760.00			
14	38(b)	2nd mulching, weeding, cleaning and application of fertilizer	0.04 ha.	1	304.00	304.00			
15		3rd cleaning, weeding	0.04 ha.	1	304.00	304.00			
17		4th cleaning, weeding	0.04 ha.	1	304.00	304.00			
		Cutting firelines 3.0 m wide	0.04 ha.	1	304.00	304.00			
18		Creation of fireline to protect plantation from Fire. by making 3mt wide fireline inside plantation and along boundary.	40 mt.	60mt.	304.00	294.00			
19	45	Providing watch and ward in the from of man days to oversee the plantation and protect the plantation from damages arining out of biotic factors for the entire year	0.04 ha.	12	304.00	3,648.00			
20	3(k)	Purchase of ingredients for different materials required for Forestry Operation including caniage upto 5km: Organic manure (50 gm/plants)	0.04 ha.	0.02 mt		2,000.00			
21	34(d) 1 3	Fransportation of Hycopots seedling from nursery to Plantation site including loading & unloading: d) lead distance >20km & upto 30km:	100 nos	-	912.00	912.00			
22	43(d) n	Collection of Hycopots after plantation & transporting back to central pursery after careful packing etc.; d) lead distance > 20km & upl o 30km	100 pas		012.00				

Countersigned

nursery after careful packing etc. : d) lead distance > 20km & upl.o 30km | 100 nos

49

: 300CC Hycopots

Cost of Signage





0.04 ha.

Estimate for Creation of Misc. Plantation NB Grand Total:

Estimate for Creation of Misc. Plantation NB | 0.04 Ha

912.00

912.00

600.00

39,196.00

39,196.00

Category	-	Estimate for Maintenance of 100 nos	Jecu1	ings : (A	mexure	-111)	
Preliminary Works:	Sl. No.	Item	Uni	t Type	Required Mandays	Rate	Amount (Rs.)
		Estimate for Miscellaneous Plantation in Nor	th Be	ngal : Pl	ains - Mai	int. Year 1	
Category	SI. No.	Item	Uni	Туре	Required	Rate	Amount (Rs.)
Maint. Y1	1	vacancy infilling ofpits with new seedling whereve there mortality due abiotic and biotic factors	nos	Labour	2	427.00	854.0
Maint, Y1	2	1st weeding, cleaning, mulching, with application of fertilize	I DOS	Labour	2	334.00	668.0
Maint. Y1	3	2nd weeding, cleaning, mulching	g nos	Labour	2	334.00	668.0
Maint. Y1	4	3rd weeding, cleaning		Labour	2	334.00	668.0
Maint. Y1	5	Cutting of firelines 3.0 m wide		Labour	2	334.00	668.0
Maint. Y1	6	Material for repair of live fencing including carriage upto site		Material			500.0
Maint, Y1	1	Fire Protection Works (Last fire protection	-	Labour			
		Fire line clearance including controlled burning	2		2	334.00	668.0
		Wages of fire watchers from November of the creation year to April of the following year			8	334.00	2,672.0
Maint. Y1	8	Cost of fertilizer and insecticide etc. including carriage	1	Material			1,000.0
						Total	8,366.0
		Estimate for Miscellaneous Plantation in North	Beng	gal : Plair	s - Maint.	Year 2	1 964
Category	SI. No.	Item	Unit	Туре	Required Mandays	Rate	Amount (Rs.)
Maint. Y2	1	Vacancy infilling		Labour	1	344.00	344.0
Maint. Y2	2	1st weeding, cleaning	nos	Labour	1	344.00	344.00
Maint, Y2	3	2nd weeding, cleaning		Labour	1	344.00	344.00
Maint. Y2	4	3rd weeding, cleaning	nos	Labour	1	344.00	344.00
Maint. Y2		Fire Protection Works (Last fire protection)		Labour			
Maint. Y2	1	Fire line clearance including controlled burning			1	344.00	344.00
Maint. Y2		Wages of fire watchers from November of the creation year to April of the following year.			8	344.00	2,752.00
		Perforate for Min. II. Division in the second				Total	4,472.00
	CI T	Estimate for Miscellaneous Plantation in North	Beng	al : Plain	s - Maint.	Year 3	
Category Maint. Y3	SI. No.	Item	Unit	Туре	Required Mandays	Rate	Amount (Rs.)
Maint. Y3	2	1st weeding, cleaning		Labour	1	354.00	354.00
Maint. Y3	4	2nd weeding, cleaning		Labour	1	354.00	354.00
	1	Fire Protection Works (Last fire protection)	nos	Labour			
faint. Y3	•	Fire line clearance including controlled burning Wages of fire watchers from November of the creation			8	354.00	2,832.00
faint. Y3		year to April of the following year.			8	354.00	2,832.00
faint. Y3		Vacancy filling in mortality areas			1	354.00	354.00
faint. Y3		Miscellaneous cost e.g. repair of fencing and maintenance of inspection path etc.			1	354.00	354.00
						Total	7,080.00
		Estimate for Miscellaneous Plantation in North	Benga	l : Plains	- Maint V	ear A	
ategory	SI. No.		Unit	Type	Required Mandays	Rate	Amount
		Fire Protection Works (Last fire protection)	nos	Labour	- Initialy 3		(Rs.)
Aaint, Y4	1	Wages of fire watchers			8	364.00	2,912.00
		Fire line clearance including controlled burning			8	364.00	2,912.00
		One weeding in areas where there is heavy growth					
faint. Y4	2	of weeds/jungles			2	364.00	728.00