

CHECK LIST

(Check list for the proposal for diversion of Forest lands for non-forestry purpose under the Forest Conservation Act, 1980 for Linear Projects: Railway /UG Gas Pipeline /Water Pipeline / Optical Fibre / Electricity lines etc.)

State S. No of the Project:	
Date of receipt in Nodal Officer – PCCF's office:	
Name of the Project:	Laying of Optical Fibre Cable for Telecommunication Services in the State of Andhra Pradesh along the existing RoW as per license granted by Govt. of India in Guntur Division.
Area proposed for diversion, in Ha:	0.52 Ha
Name of the Forest Division:	Guntur
Whether area proposed falling in WLS / NP / ESZ / Biosphere Reserve or WL Corridor?	Yes / No
Whether situated in Scheduled Area	Yes / No

S. No.	Name of Document/Information	Provided or Not (Yes/No)	Page No.	Remarks
A	PART-I			
1	Main application Form from Part-I to V with all its columns duly filled up and signed by the competent authority with date, place and their official seal.			
2	Detailed note on the project.	Yes		Enclosed
3	Full Justification for locating the project in forest area (un-avoidance of the forest area for the purpose)	Yes		Enclosed
4	Certificate for minimum use of forest land giving details of the alternatives examined and reasons for their rejection.	Yes		Enclosed
5	Map of the project site forest area demanded on original Survey of India topo-sheet in 1:50000 or any other suitable scale; clearly showing forest boundaries and adjoining areas with their land use in distinct colors.	Yes		Enclosed
6	Index Map, if the area is very small, showing forest boundaries and a location map on a larger scale with land use of the area required.	Yes		Enclosed

7	<p>Geo-referenced digital data (e00 format, Geographic co-ordinate system WGS 84 datum, readings up to 8 decimal places in degrees) of the boundary/ies of the proposed FL for diversion in Shape file (Soft copy in a DVD along with RAW & post-processed data) and digital map in hard copy duly authenticated by competent authority.</p> <p>* The survey shall be performed using DGPS in real-time or post-processed mode. However, the survey may be performed using TS in GPS shadow areas, and data shall be duly geo-referenced using GCPs collected by dual frequency DGPS receivers.</p>	Yes		PCCF authenticated DGPS Map attached.
8	Make & Model of the DGPS equipment used, Name/s of the Agency/persons involved in the DGPS survey, period of survey, name of the authenticating agency for the accuracy of the survey.	Yes		<p>1. Make- Geomax</p> <p>a. Model GMX Zenith 25</p> <p>Agency Name- M/s Deltacons Project (India) Private Limited</p>
9	Linear map or a diagrammatic map of the project site.	Yes		Toposheet Enclosed
10	Statement showing the details of forest area involved i.e. Division, Range, Beat, Forest Block & Compartment No. wise.	Yes		Enclosed
11	Item wise breakup of the forest area proposed for diversion, if any.	Yes		Enclosed
12	Cost Benefit (CB) analysis in prescribed format, <u>wherever required</u> . (For projects involving area of >20 Ha in plains & >5 Ha in hills)	No		Not Applicable
13	Status of clearance under Environment (Protection) Act, 1986 & Rules 2006; <u>wherever required</u> .	No		Not Applicable
14	Detailed scheme for rehabilitation of project affected persons, <u>wherever required</u> .	No		Not Applicable
15	Minimum distance of the proposed site from Wildlife Sanctuary and/or National Park, if any.	Yes		Enclosed
16	To show the existing Water body / Water channel or road, which should be identifiable.	Yes		Enclosed
17	To show the newly proposed bridge /culvert / underground pass / tunnel etc. to be identify clearly.	No		Not Applicable
18	To enclose the cross-section Plan / Map indicating dimension of (Length / Width / Height /depth etc) clearly.	Yes		Details provided in Form A

19	Undertaking to pay the Net Present Value (NPV) , Addl. NPV of the forest land involved.	Yes		Enclosed
20	Undertaking to pay the Extraction Charges of the trees to be removed from the forest land involved.	Yes		Enclosed
21	Details of equivalent non-forest land identified for Compensatory Afforestation viz. Survey No., Village, Tehsil /Mandal, District etc. along with map in SOI Topo-sheet in 1:50000 or appropriate scale along with the boundaries of adjoining forest area.	No		Not Applicable
22	Geo-referenced digital data of CA land (e00 format, Geographic co-ordinate system WGS 84 datum, readings up to 8 decimal places in degrees) of the boundary/ies of the proposed FL for diversion in Shape file (Soft copy in a DVD along with RAW & post-processed data) and digital map in hard copy duly authenticated by competent authority. * The survey shall be performed using DGPS in real-time or post-processed mode. However, the survey may be performed using TS in GPS shadow areas, and data shall be duly geo-referenced using GCPs collected by dual frequency DGPS receivers.	No		Not Applicable
23	Make & Model of the DGPS equipment used, Name/s of the Agency/persons involved in the DGPS survey, period of survey, name of the authenticating agency for the accuracy of the survey.	No		Not Applicable
24	Certificates a, c, d, g & h under RoFR Act ; where Primitive Tribal Groups (PTG) & Pre-Agricultural Communities (PAC) are involved in the proposed FL.	No		No PTG/PAC existing; Undertaking for submission of RoFR certificate attached herewith.

B	PART II			
1	Enumeration list of trees (species and girth class wise) along with Abstract.	Yes		Enclosed
2	Site Inspection report, along with photographs of the forest area involved in the project in prescribed format.	Yes		Enclosed
3	Impact of proposed project on the flora & fauna in the adjoining forests.	Yes		Enclosed
4	Impact of proposed project on the ecology, specially soil erosion in and around the proposed area for mining.	No		Not Applicable
5	Mitigative measures to prevent loss to flora, fauna & soil erosion in & around the proposed area for the project.	No		Not Applicable
6	Detailed scheme for Compensatory Afforestation on identified non-forest area/degraded forest area <u>at present wage rates duly signed by DFO and counter signed by the CF concerned.</u>	No		Not Applicable
7	Certificate from the DFO that non-forest land selected for compensatory afforestation is in a compact block and <u>contiguous to forest area</u> or in close proximity of forest area and suitable from the management and protection point of view.	No		Not Applicable
8	Soil Suitability Certificate from Divisional Forest Officer that the area identified for compensatory Afforestation is suitable for raising plantation.	No		Not Applicable
9	Calculation Sheet for arriving at NPV of the proposed area for diversion.	Yes		Enclosed
10	Certificate that no work has been carried out in violation of the FC- & WL act.	Yes		Enclosed
a	If violated, circumstances leading to violation, date of commencement of work, quantity of work done and POR issued & dates inspection of the site of violation by FRO, Sub-DFO, DFO.	No Violation		Not Applicable
b	Details of disciplinary action initiated or proposed to be initiated against the concerned staff for violation of the provisions of the Act.	No Violation		Not Applicable
c	Names of the persons of the User Agency for violation & details of the report submitted.	No Violation		Not Applicable
11	Specific Recommendation of the DFO.	Yes		Enclosed

C	PART III (To be filled in by the CF)			
1	Site inspection report, along with photographs, of the forest area involved in the project in prescribed format, when the area is more than 40 Ha in extent.			
2	Specific Recommendation of the CF.			
3	Any other information/documents attached, or conditions stipulated.			


04/3/2020
Divisional Forest Officer, (FAC),
Guntur.

PART - II

(to be filled by the concerned Deputy Conservator of Forests)

State Serial No. of proposal: EP/API/OFC/40581/2019

1	Location of the Project/Scheme	:	Diversion of 0.52 Ha of Forest Land for laying of Optical Fiber Cable along the road within the existing right of way passing through forest land in Vinukonda Range of Territorial Division, Guntur, Guntur District Forest Division in favor of M/s Jio Digital Fibre Private Limited, Visakhapatnam.
	(i) State/Union Territory	:	Andhra Pradesh
	(ii) District	:	Guntur
	(iii) Forest Division	:	Guntur Division
	(iv) Name of Forest Block	:	Bollapalli RF, Koppukonda Ext-1 RF and Vinukonda RF
	(v) Area of forest land proposed for diversion (in Ha.)	:	0.52 Ha
	(vi) Legal status of forest	:	Reserve Forest
	(vii) Density of vegetation	:	Less than 0.10 density
	(viii) Species wise (scientific names) and diameter class-wise enumeration of tree (to be enclosed. In case of Irrigation/Hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.	:	There are no trees falling along the length & width of OFC path proposed.
	(ix) Working plan prescription for the forest land proposed for diversion	:	The area falls in Degraded Forest Area Improvement working circle.
	(x) Brief note on vulnerability of the forest area to erosion.	:	The proposed Reserve Forest is not vulnerable. Hence there is no erosion.
	(xi) Approximate distance of proposed site for diversion from boundary of forest	:	0.0 KM
	(xii) Details of wildlife present in and around the forest land proposed for diversion	:	Lepus nigricollis, Sus scrofa
	(xiii) Whether forms part of National Park, Wild life sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc., (If so, the details of the area and comments	:	--- No ---

	of the Chief Wild Life Warden to be annexed).		
	(ixv) (a) Whether the forest land proposed for diversion is located within Eco-Sensitive Zone (ESZ) of the Protected Area notified under Wildlife (Protection) Act, 1972 (Note: In case ESZ of a Protected Area is not Notified, then, 10 kms distance from boundary of the Protected Area should be treated as ESZ)	:	--- No ---
	(b) Details of Protected Area and comments on the impact of Project on ESZ	:	--- No ---
	(xv) (a) Whether any national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc., is located within 1 Km. from boundary of the forest land proposed for diversion	:	--- No ---
	(b) Details and comments on the impact of Project on such areas		Not Applicable
	(xvi) Whether any rare/ endangered/ unique species of flora and fauna found in the area if so details thereof.	:	--- No ---
	(xvii) Whether any protected archaeological/ heritage site /defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	:	--- No ---
2.	Whether the requirement forest land as proposed by the user agency in Col.2 of Part-1 is unavoidable and barest minimum for the project. If so, recommended area item wise with details of alternatives examined.	:	Yes, unavoidable and barest minimum.
3.	(a) Whether any work in violation of the Act has been carried out (Yes/No), if yes, details of the same including period of work done, action taken on erring officials.	:	--- No ---

	in progress.	:	
4.	Details of Compensatory Afforestation scheme.	:	
	(i) Details of degraded forest area identified for compensatory Afforestation, its distance from adjoining forest, number of patches, size of each patch	:	Not Applicable
	(ii) (a) Scanned copy of the Geo-referenced Map of the Non-forest land proposed for C.A. prepared by using DGPS or Total Station and adjoining forest boundaries	:	Not Applicable
	(ii) (b) Copy of Survey of India Topo sheet indicating boundary of Non-forest land proposed for C.A.	:	Not Applicable
	(iii) Detailed Compensatory Afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.,	:	Not Applicable
	(iv) Total Financial outlay for compensatory Afforestation scheme.	:	Does not arise
	(v) Certificates from competent authority regarding suitability of area identified for Compensatory Afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	:	Not Applicable
5	Site inspection report of the Dy. CF along with date of visit (to be enclosed) especially highlighting facts asked in Col.1 (xvi, xvii) 2 and 3 above.	:	Filed Inspection Note enclosed.
6	Division / District Profile	:	
	(i) Geographical area of the District	:	11,39,100 Ha (or) 11,391.00 Square Kilometers
	(ii) Forest area of the District	:	1,66,143 Ha (or) 1661.43 Square Kilometers
	(iii) Total Forest area diverted since 1980 with number of cases	:	1140.978 Ha. of Forest land has been diverted in (32) cases in Guntur Division, Guntur District
	(iv) Total Compensatory Afforestation stipulated in the district / division since 1980 on 31.12.2019.	:	591.945 Ha 68.832 Ha

	a) Forest Land including penal Compensatory Afforestation.	:	591.945 Ha.
	b) Non-forest land	:	68.382 Ha.
	(v) Progress of Compensatory Afforestation as on 31.12.2019 on	:	
	a) Forest Land	:	591.945 Ha.
	b) Non-Forest Land	:	68.382 Ha.
7	Specific recommendations of the Dy.CF for acceptance or otherwise of the proposal with reasons.	:	<p>The area proposed by the User Agency for laying of Optical Fiber Cable from Vinukonda to Garikapadu in Compartment No. 31, 26, 28, 30 & 33 of Bollapalli and Koppukonda Extension 1 RFs, Compartment No 51 of Vinukonda RF in Vinukonda Range of Territorial Division, Guntur in the state of Andhra Pradesh is essential. There is no loss to Flora and Fauna and also the project is useful in facilitating communication facilities to interior places.</p> <p>Hence recommended.</p>

Place: Guntur

Date: 04-03-2020

Signature

Name

(Sri N. Rama Chandra Rao, (FAC),

Office Seal DIVISIONAL FOREST OFFICER
GUNTUR

Field Inspection report of the Divisional Forest Officer (T), Guntur on 29.01.2020 in connection with Diversion of Forest land over an extent of 0.52 Ha located in Compartment No. 31, 26, 28, 30 & 33 of Bollapalli and Koppukonda Extension 1 RFs, Compartment No 51 of Vinukonda RF in Vinukonda Range of Territorial Division, Guntur.

A Proposal for diversion of 0.52 Ha of forest land as per Section-2 of Forest (Conservation) Act, 1980 located in Compartment No. 31, 26, 28, 30 & 33 of Bollapalli and Koppukonda Extension 1 RFs, Compartment No 51 of Vinukonda RF in Vinukonda Range of Territorial Division, Guntur has been received from the Pr. Chief Conservator of Forests (HoFF), A.P., Guntur vide Rc. No. EFS02-15026/11/2019-FCA SEC-PCCF/FCA-1, Dt. 15-07-2019 with a due direction to inspect the area and to submit comprehensive proposals as required.

The Area was inspected by the undersigned on 29.01.2020 together with Forest Range Officer, Vinukonda together with section staff.

Koppukonda Extension RF & Bollapalli RF – 0.33 Ha, Bollapalli RF – 0.10 Ha and Vinukonda RF – 0.09 Ha

An extent of 0.52 Ha involved in 3 RF Blocks as detailed below:

Comp No.26,30,31,	Bollapalli RF 0.22 Ha.
Comp No.28,	Koppukonda Extn RF. 0.11 Ha
Comp No.33,	Bollapalli RF 0.10 Ha
Comp No.51,	Vinukonda RF 0.09 Ha
Total:	<u>0.52 Ha</u>

i.Topology

The area is plain with gentle slope here and there. There is no vulnerability to soil erosion.

ii. Density of vegetation

The density of vegetation stands less than 0.10.

iii) Flora

There are no noteworthy flora and fauna exists in and around the proposed location. However the following species are noticed as detailed below:

1	Prosopis juliflora
2	Albezia amara
3	Jana
4	Danti

iv. Fauna

There are no noteworthy fauna exists in the said Reserve Forest. However the following species are noticed as detailed below:

1. Hare/Lepus nigricollis
2. Wild bore/Sus Scrofa

v). Zonation

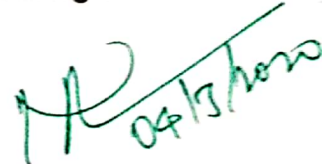
The area does not fall in any sensitive area, no biosphere reserves exists, neither it forms a part of wildlife area nor a National Park.

vi) Historical Importance

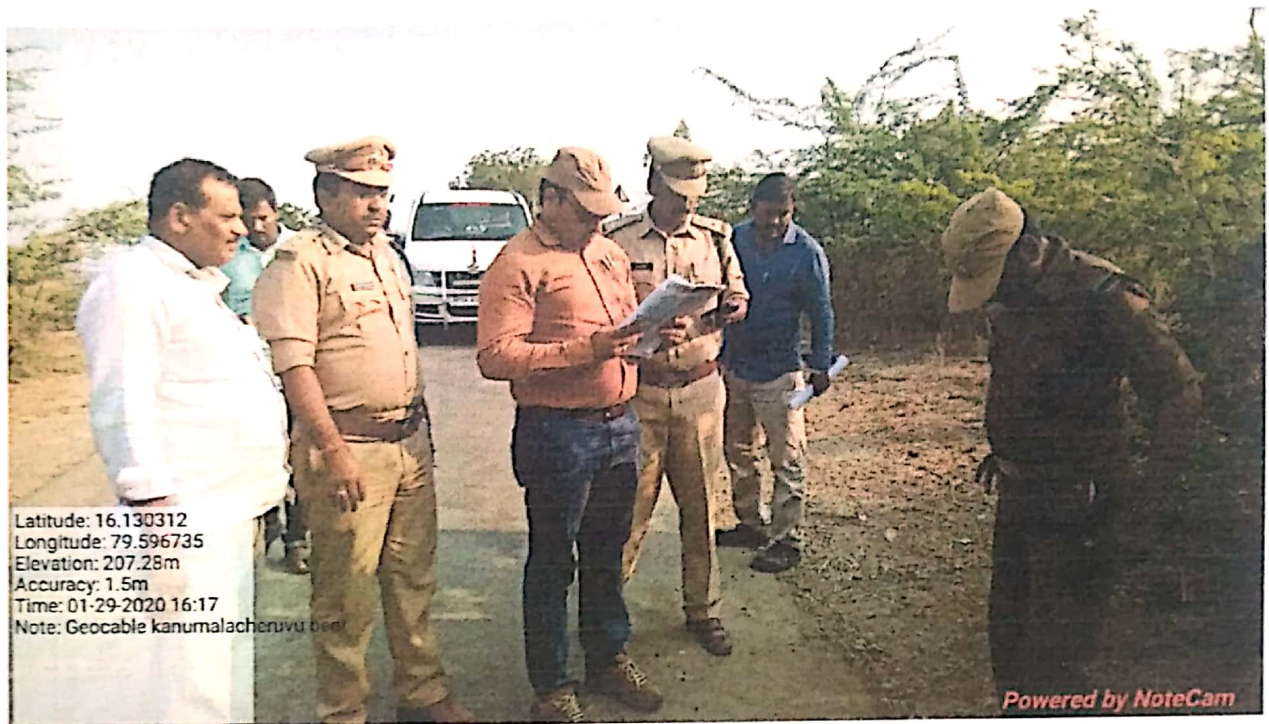
There is no historical importance of the proposed area and it does not form part of Historical or heritage monuments.

Specific Recommendation: -

Since the proposed area for diversion is meagre which is useful in facilitating communication to interior areas, the proposals are hereby recommended.

 04/13/2020

Divisional Forest Officer (FAC),
Guntur.



[Handwritten Signature]
04/13/2020
DIVISIONAL FOREST OFFICER (FAC)
GUNTUR.

MS

DIVISIONAL FOREST OFFICER (FAC)
GUNTUR.

[illegible]

Certificate

It is certified that the proposed project of Laying of Optical Fiber Cable from Vinukonda to Garikapadu in Compartment No. 31, 26, 28, 30 & 33 of Bollapalli and Koppukonda Extension 1 RFs, Compartment No 51 of Vinukonda RF in Vinukonda Range of Territorial Division, Guntur, Guntur District has no impact on the flora & fauna in the adjoining forests due to this proposal.

Place: Guntur

Date: 04-03-2020

Signature

Name

(Sri N. Rama Chandra Rao, (FAC),

Office Seal **DIVISIONAL FOREST OFFICER (FAC)**
GUNTUR

CERTIFICATE

It is certified that the proposed project of Laying of Optical Fiber Cable from Vinukonda to Garikapadu in Compartment No. 31, 26, 28, 30 & 33 of Bollapalli and Koppukonda Extension 1 RFs, Compartment No 51 of Vinukonda RF in Vinukonda Range of Territorial Division, Guntur, Guntur District has no impact on ecology, especially soil erosion in around the proposed area, due to this proposal.

Place : Guntur

Date : 04.03.2020

(Signature)

Name : (N.Rama chandra Rao (FAC),

Office Seal : DIMSIONAL FOREST OFFICER (FAC)
GUNTUR.


04/3/2020

Certificate

Full Title of the Project: Laying of Optical Fiber Cable from Vinukonda to
in Compartment No. 31, 26, 28, 30 & 33 of
Bollapalli and Koppukonda Extension 1 RFs,
Compartment No 51 of Vinukonda RF in Vinukonda
Range of Territorial Division, Guntur

"SCHEME FOR COMPENSATORY AFFORESTATION"

This is to certify that as per Forest (Conservation) Act, 1980, Guidelines Chapter 3.2(viii) (b) no compensatory Afforestation shall be insisted on in respect of proposals involving diversion of forest land upto One Hectare. Hence CA Does not arise.

Place: Guntur

Signature



Date: 04-03-2020

Name

(Sri N. Rama Chandra Rao, (FAC),

Office Seal **DIVISIONAL FOREST OFFICER (FAC)**
GUNTUR

Certificate

It is certified that the user agency has not carried out any work in the proposed area and not violated the Forest (Conservation) Act 1980 & Wild Life Act 1972.

Place: Guntur

Signature



Date: 04-03-2020

Name

(Sri N. Rama Chandra Rao, (FAC),

Office Seal **DIVISIONAL FOREST OFFICER (FAC)**
GUNTUR

Certificate

If violated, circumstances leading to violation, date of commencement of work, quantity of work done, and POR issued & dates of inspection of the site of violation by FRO, Sub Divisional Forest Officer, Divisional Forest Officer.

Does not arise.

Place: Guntur

Date: 04-03-2020

Signature

Name

(Sri N. Rama Chandra Rao,(FAC),

Office Seal DIVISIONAL FOREST OFFICE (FAC)
GUNTUR.

Certificate

Details of disciplinary action initiated or proposed to be initiated against the concerned staff for violation of the provisions of the Act.

Does not arise.

Place: Guntur

Signature

Date: 04-03-2020

Name

(Sri N. Rama Chandra Rao, (FAC),

Office Seal **DIVISIONAL FOREST OFFICER (FAC)**
GUNTUR

Certificate

Names of the persons of the User Agency for violation & details of the report submitted.

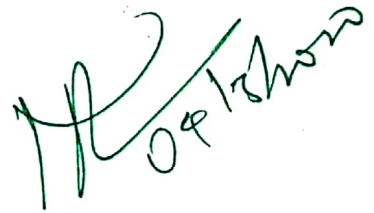
Does not arise.

Place: Guntur

Signature

Date: 04-03-2020

Name



(Sri N. Rama Chandra Rao, (FAC),

Office Seal DIVISIONAL FOREST OFFICER (FAC)
GUNTUR.

Certificate

Certified that the proposal does not affect any monument of Historical, Religious, Archaeological and Recreational importance inclusive of wildlife Sanctuary and National Park.

Place: Guntur

Signature



Date: 04-03-2020

Name

(Sri N. Rama Chandra Rao, (FAC),

Office Seal **DIVISIONAL FOREST OFFICER (FAC)**
GUNTUR.

Certificate

Certified that all the required Annexure and particulars pertains to the proposal are furnished in English only.

Place: Guntur

Date: 04-03, 2020

Signature

Name

(Sri N. Rama Chandra Rao, (FAC),

Office Seal **DIVISIONAL FOREST OFFICER (FAC)**
GUNTUR

NET PRESENT VALUE

Statement showing the calculation of total Net Present Value in the proposed area for Diversion of Forests Land to an extent of 0.52 Ha for laying of Optical Fibre Cable from Vinukonda to Garikapadu in Bollapalli, Koppukonda Extension 1, Vinukonda Resreve Forests in Vinukonda Range of Territorial Division, Guntur

(As per G.O.I., New Delhi, F. No. 5-3/2007-FC, Dated 05.02.2009) and (as per Govt. of Andhra pradesh G.O. Ms. No. 124 EFS&T (For-I) Department Dated 27.07.2010)

Sl. No.	Eco-Value	Class	Total Area proposed (Ha)	Net Present Value Rate/Ha	Increase in value as per Supreme Court of India (5 times of NPV in Sanctuaries)	Total Cost of Net Present Value (NPV)
1	Eco-Class-IV	Class-IV (Consisting of Tropical Thorn Forests and Tropical dry evergreen forest)	0.52	Full exemption as per Honourable Supreme Court of India Order dated 09-05-2018	-	2.278
						2.278

Place: Guntur

Date: 04-03-2020

(Signature)

Divisional Forest Officer (T), (FAC)
Guntur

Certificate

Specific Recommendation of the DFO

The Proposed Area for Laying of Optical Fiber Cable from Vinukonda to Garikapadu in Compartment No. 31, 26, 28, 30 & 33 of Bollapalli and Koppukonda Extension 1 RFs, Compartment No 51 of Vinukonda RF in Vinukonda Range of Territorial Division, Guntur in the state of Andhra Pradesh is essential. There is not much of loss to Flora/Fauna and the project is useful in facilitating communication to interior places.

Hence recommended the proposal.

Place: Guntur

Signature



Date: 04-03-2020

Name

(Sri N. Rama Chandra Rao, (FAC),

Office Seal **DIVISIONAL FOREST OFFICER (FAC)**
GUNTUR.

PART – III

(To be filled by Conservator of Forests)

1)	Whether site, where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No). If yes, the date of inspection & observations made in form of inspection note be enclosed.	:	
2)	Whether the concerned Conservator of Forests agree with the information given in Part-B (Part-II) and the recommendations of Dy. Conservator of Forests.	:	
3)	Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.	:	

Date :

Signature

Place:

Name

Office Seal

PART – IV

**(To be filled by the Nodal Officer or
Principal Chief Conservator of Forests or
Head of the Forest Department)**

1.	Detailed opinion and specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks.	:	
2)	(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon)	:	

Date:

Signature

Place:

Name.

Office Seal

PART -V

(To be filled by the Secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)

1.	Recommendation of the State Government: (Adverse comments made by any officer or authority in Part-I or Part-II or Part-III above should be specifically commented upon)	:	
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Date:

Signature

Place:

Name

Office Seal