

**FORM-A**  
**PROPOSAL FOR APPROVAL UNDER FOREST (CONSERVATION) ACT, 1980**

**PART-II**  
**(To be filled by Deputy Conservator of Forests)**

7	Location of the Project / Scheme	
(i)	State / Union Territory	Andhra Pradesh
(ii)	District	Palnadu
(iii)	Forest Division	Deputy Director, Project Tiger Markapur
(iv)	Area of forest land proposed for diversion in (ha).	0.15 ha
(v)	Legal status of forest	<p><b><u>V P South Range :-</u></b>  The proposed area for diversion is falling in a Pasuvemula &amp; Kandlakunta Reserve Forest notified U/s 16 of Andhra Pradesh Forest Act, 1967 and it is a part of Rajiv Gandhi Wildlife Sanctuary notified under Sec 26-A of Wildlife (Protection) Act 1972, vide G.O.Ms.No.84, Environment Forests Science &amp; Technology (FOR.III) Department Dated:27 June 1998, Buffer Area of Nagarjunasagar Srisaillam Tiger Reserve.</p>
(vi)	Density of Vegetation	Around 0.4 to 0.5
(vii)	Species wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 & FRL-4 meter also to be enclosed)	Attached.
(viii)	Brief note on vulnerability of forest area to erosion	vulnerable for less erosion in the form of sheet erosion.
(ix)	Approximately distance of proposed site for diversion from boundary of forest	<p><b><u>V P South Range:-</u></b>  The proposed site is located in Compt No. 83 Pasuvemula RF, Nagulavaram Beat, V P South Section &amp; Compt No. 77, Kandlakunta RF, Koppunuru Beat, VP South Section of VP South Range of Project Tiger, Markapur Falls in Buffer Area of NSTR and it is part of Rajiv Gandhi Wildlife Sanctuary.  Distance from the boundary of the forests  East: 500 mts (Pedda Anupu Village),  West: 20 mts (Kandlakunta RF).</p>



		North: 100 mts (Anupu Village), South: 3 Kms(N.Sagar),
(x)	Whether forms part of National Park, Wildlife Sanctuary, Biosphere reserve, Tiger Reserve, Elephant Corridor, etc. (it so, the details of the area and comments of the Chief Wildlife Warden to be annexed)	It forms part of Rajiv Gandhi Wildlife Sanctuary and the Buffer area of Nagarjunasagar Srisailem Tiger Reserve of Compt No. 83 Pasuvemula RF, Nagulavaram Beat, V P South Section & Compt No. 77, Kandlakunta RF, Koppunuru Beat, VP South Section of VP South Range of Project Tiger, Markapur
(xi)	Whether any rare / endangered / unique species of flora and fauna found in the area. if so details thereof	<i>Tiger (Panthera tigris)</i> , <i>Leopard (Panthera pardus)</i> , <i>Sloth bear (Melursus ursinus)</i> and <i>Chinkara (Gazella bennettii)</i> , etc., are found in the proposed area for diversion
(xii)	Whether any protected archaeological / heritage site / defense establishment of any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No
8	Whether the requirement of forest land as proposed by the user agency in col. 2 or part-1 is unavoidable area item wise with details of alternatives examined.	Yes, the area required is 0.15 ha and it is unavoidable and barest minimum for the project.
9	Whether any work in violation of Act has been carried out (Yes/No). If yes, details of the same including period of work done, action on erring officials. Whether work in violation is still in progress.	No
10	Details of compensatory Afforestation scheme:	
(i)	Details of non-forest area /degraded forest area identified for compensatory Afforestation its distance from adjoining forest, number of patches, size of each patch.	The degraded forest land identified for CA in Compt No.175, ENB - X RF, Komarolu Beat, Y.Palem Section and Range of Project Tiger, Markapur
(ii)	Map showing non-forest / degraded forest area identified for compensatory Afforestation and adjoining forest boundaries	Authenticated DGPS surveyed showing the degraded forest land over an extent of 1.00 ha is enclosed.
(iii)	Detailed compensatory Afforestation scheme including species to be planted.	The CA Scheme is prepared and enclosed.



(a)	Implementing agency	M/s Reliance Jio Infocomm Ltd., Viskhapatnam.									
(b)	Time schedule	--									
(c)	Cost structure	--									
(iv)	Total financial outlay for compensatory Afforestation scheme.	5.60 Lakhs									
(v)	Certificate from component authority regarding suitability of area identified for compensatory Afforestation and from management point of view.	Enclosed.									
11	Site Inspection report for DCF (to be enclosed especially highlighting facts asked in Col.7 (xi,xii) 8&9 above.	Enclosed.									
12	Division profile:	Deputy Director, Project Tiger, Markapur									
(i)	Geographical area of the division	4003.13 sq.km									
(ii)	Forest area of the division	2361.1733 sq.km									
(iii)	Total forest area diverted since 1980 with number of cases.	7 Nos cases (2047.538) ha									
(iv)	Total compensatory Afforestation stipulated in the division since 1980 on										
(a)	Forest land including penal compensatory Afforestation,	100 ha (93.58 ha of PCA in Markapur Range was transferred to the District Forest Officer, Prakasam District, Ongole for AP Reorganisation Act, 2022.									
(b)	Non-forest land	<table> <tr> <th>SI No</th><th>Name of the Project</th><th>Non Forest Land in Ha</th></tr> <tr> <td>1</td><td>Diversion of (2963+106.91 Ha = 3069.61 Ha) of forest land falling in Markapur, Markapur (WL) (1691 Ha), Nellore (103 Ha), Giddalur (1169 Ha) and Atmakur Divisions for construction of Poola Subhaiah Veligonda Project in favour of Irrigation Department.</td><td>2229.89</td></tr> <tr> <td>2</td><td>Diversion of 113.00 Ha of forest land for construction of Tail Pond Dam down stream of Nagarjuna sagar dam in Nalgonda &amp; Guntur District in A.P.</td><td>122.13</td></tr> </table>	SI No	Name of the Project	Non Forest Land in Ha	1	Diversion of (2963+106.91 Ha = 3069.61 Ha) of forest land falling in Markapur, Markapur (WL) (1691 Ha), Nellore (103 Ha), Giddalur (1169 Ha) and Atmakur Divisions for construction of Poola Subhaiah Veligonda Project in favour of Irrigation Department.	2229.89	2	Diversion of 113.00 Ha of forest land for construction of Tail Pond Dam down stream of Nagarjuna sagar dam in Nalgonda & Guntur District in A.P.	122.13
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		3	Diversion of 2.429 Ha. of forest land in R.S.No. 1 of Kondapally village in Ibrahimpatnam Mandal of Krishna Dist., for quarrying of road metal in favour of Sri. P. Karunakar.	2.429
		4	Diversion of 1.406 Ha. of forest land in R.S.No.1 of Kondapally village in Ibrahimpatnam Mandal, Vijayawada Division of Krishna District for quarrying of road metal in favour of Sri. S. Raghuram	1.046
		5	Diversion of 2.429 Ha. of forest land in R.S.No.1 of Kondapally village in Ibrahimpatnam Mandal of Krishna District for quarrying of road metal in favour of M/s Vengamamba Engineering Company.	2.429
		6	Diversion of 1.62 Ha. of forest land in R.S.No.1 of Kondapally village in Ibrahimpatnam Mandal of Krishna District for quarrying of road metal in favour of M/s Venkataramana Granite metal works.	1.62
		7	Diversion of 1.62 ha. Of forest land in R.S.No.1 of Kondapally village in Ibrahimpatnam Mandal of Krishna District for quarrying of road metal in favour of Shri. S. Kedareswra Rao	1.62
		8	Diversion of 3.643 Ha. of forest land in R.S.No.1 of Kondapally village in Ibrahimpatnam Mandal, Vijayawada Division of Krishna District for quarrying of road metal in favour of M/s Chaitanya Granite Metal works.	3.643



		9	Diversion of 1.406 Ha. of forest land in R.S.No.1 of Kondapally village in ibrahimpatnam Mandal, Vijayawada Division of Krishna District for quarrying of road metal in favour of M/s Bajibabu Constructions	1.406
		10	Diversion of 2.024 Ha. of forest land in R.S.No.1 of Kondapally village in ibrahimpatnam Mandal, Vijayawada Division of Krishna District for quarrying of road metal in favour of Shri. S. Kedareshwara Rao.	2.024
		11	Diversion of 2.429 Ha. of forest land in R.S.No.1 of Kondapally village in ibrahimpatnam Mandal, Vijayawada Division of Krishna District for quarrying of road metal in favour of Shri. M/s Swarupa Granite Metal works.	2.429
		12	Diversion of 4.00 Ha. of forest land in compt.No.28 Kondapalli RF, Tricholanapuram (V), ibrahimpatnam Mandal, Vijayawada Division of Krishna District for extraction of road metal & gravel in favour of M/s Srinivasa Stone Crushers, Prop. Sri. N.Ramesh.	4.00
		13	Diversion of 1.983 HA. of forest land in Nizampatnam RF for devolepment of existing Nizambad Fishing Harbour under Stage-II in favour of Commissioner of Fishing, Hyderabad	2.023
			<b>Total</b>	<b>2377.049</b>
(v)	Progress of compensatory Afforestation as on (date) 19.04.2023			
(a)	Forest land	100 ha (93.58 ha of PCA in Markapur Range was transferred to the District Forest Officer, Prakasam District, Ongole for AP Reorganization Act, 2022.		
(b)	Non - forest land	2377.049 ha		



13	<p>Specific recommendations of the DCF for acceptance of otherwise of the proposal with reasons.</p>	<p><b>M/s Reliance Jio Infocomm Limited</b> proposes to lay underground Optical Fiber Cable (OFC) from Macherla to Vijayapuri South in Palnadu District of Andhra Pradesh to extend 4G Communication facilities to multiple villages en route and a part of the proposed path passes through <b>Rajiv Gandhi Wildlife Sanctuary (Nagarjuna Sagar-Srisailem Tiger Reserve)</b>. Once the Project is completed, digital communication services like communication, Education, Entertainment, Healthcare and financial services will be provided to the local Panchayats, Schools, Hospitals, General Public and various Government Departments like Forest, Irrigation, Police and Revenue.</p> <p>Felling of aforesaid trees will have a minimal impact on wildlife habitat in terms of disturbance to wildlife and fragmentation of habitat</p> <p>As per the justification furnished by the User Agency, there is no alternate path available to avoid Forest area and proposed area is the only way to extend the 4G Communications facilities to multiple villages en route the area requested for laying of the Optical Fiber Cable is the bare minimum considering the requirements and considering the safety of the cables so laid. Since the telecommunication cables also carry the communication from the Government offices, Defense &amp; Strategic establishments, and from different industrial organizations apart from the public, for the safety and confidentiality of the conversation so made it is not advisable to lay such User</p>
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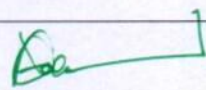


		<p>Important cables on the private land belonging to different parties. Hence the Agency stated that there is no other alternative except proposing the diversion of 0.15 ha of forest land.</p> <p>Hence recommended of this project for digital communication services like communication, Education, Entertainment, Healthcare and financial services will be provided to the local Panchayats, Schools, Hospitals, General Public and various Government Departments like Forest, Irrigation, Police and Revenue.</p>
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Date: Markapur

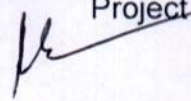
Place:

Office Seal:

signature: 

Name of the block letters: Vignesh Appavu G


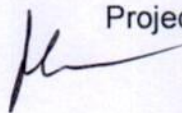
Designation : Deputy Director,  
Project Tiger, Markapur





### CERTIFICATE


This is certified that, the Reserve Forest area proposed for diversion of 0.15 ha of Forest land towards Compt No. 83 Pasuvemula RF, Nagulavaram Beat, V P South Section & Compt No. 77, Kandlakunta RF, Koppunuru Beat, VP South Section of VP South Range of Project Tiger, Markapur of Palnadu District for Laying of Optical Fiber Cable along the road within the passing through forest under Project Tiger, Markapur over an extent of 0.15 Ha. for providing 4G Communications in the State of Andhra Pradesh **is vulnerable for less erosion In the form of sheet erosion.**

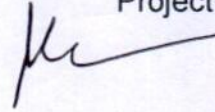
  
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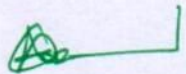
  
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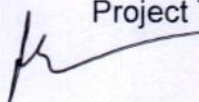




### CERTIFICATE

It is certified that, the rare/endangered species such as ***Tiger(Panthera tigris)*** ***Leopard(Panthera pardus)*** and **Chinkara ( *Gazella bennettii* )** are found in proposed for diversion of 0.15 ha of Forest land towards Compt No. 83 Pasuvemula RF, Nagulavaram Beat, V P South Section & Compt No. 77, Kandlakunta RF, Koppunuru Beat, VP South Section of VP South Range of Project Tiger, Markapur of Palnadu District for Laying of Optical Fiber Cable along the road within the passing through forest under Project Tiger, Markapur over an extent of 0.15 Ha. for providing 4G Communications in the State of Andhra Pradesh in favour of **M/s Reliance Jio Infocomm Limited**, Visakhapatnam. Falls in Buffer Area of NSTR and part of Rajiv Gandhi Wildlife Sanctuary.

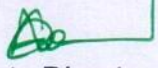
  
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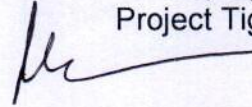




### CERTIFICATE

This is certified that, **there are no protected archaeological /heritage site/ defense establishment or any other important moment is located in the proposed for diversion of 0.15 ha of Forest land towards Compt No. 83 Pasuvemula RF, Nagulavaram Beat, V P South Section & Compt No. 77, Kandlakunta RF, Koppunuru Beat, VP South Section of VP South Range of Project Tiger, Markapur of Palnadu District for Laying of Optical Fiber Cable along the road within the passing through forest under Project Tiger, Markapur over an extent of 0.15 Ha. for providing 4G Communications in the State of Andhra Pradesh in favour of M/s Reliance Jio Infocomm Limited Visakhapatnam.**

  
Deputy Director,  
Project Tiger, Markapur



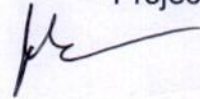


**CERTIFICATE**

It is certified that the proposed for diversion of 0.15 ha of Forest land towards Compt No. 83 Pasuvemula RF, Nagulavaram Beat, V P South Section & Compt No. 77, Kandlakunta RF, Koppunuru Beat, VP South Section of VP South Range of Project Tiger, Markapur of Palnadu District for Laying of Optical Fiber Cable along the road within the passing through forest under Project Tiger, Markapur over an extent of 0.15 Ha. for providing 4G Communications in the State of Andhra Pradesh **is unavoidable and the barest minimum for the project.**



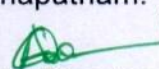
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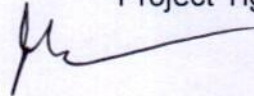




**CERTIFICATE**

***It is certified that,*** no work has been carried out in violation of the acts & rules in the proposed for diversion of 0.15 ha of Forest land towards Compt No. 83 Pasuvemula RF, Nagulavaram Beat, V P South Section & Compt No. 77, Kandlakunta RF, Koppunuru Beat, VP South Section of VP South Range of Project Tiger, Markapur of Palnadu District for Laying of Optical Fiber Cable along the road within the passing through forest under Project Tiger, Markapur over an extent of 0.15 Ha. for providing 4G Communications in the State of Andhra Pradesh in favour of M/s Reliance Jio Infocomm Limited Visakhapatnam.


  
Deputy Director,  
Project Tiger, Markapur






**Statement showing details of forest area proposed for diversion**

Sl. No	Name of the District	Name of the Division	Name of the Range	Compt.No of KM stone	Forest area proposed for diversion	Remarks
1	2	3	4	5	6	7
1	Palnadu	Project Tiger, Markapur	V.P.South	83 & 77	0.15 ha	--
<b>Total area</b>					<b>0.15 ha</b>	<b>--</b>

  
 Deputy Director,  
 Project Tiger, Markapur

**Statement showing details of degraded forest area involved in the proposal**

Sl. No	Name of the District	Name of the Division	Name of the Range	Compt No of KM stone	Degrade d Forest land for Compensatory Afforestation	Present land use	Remarks
1	2	3	4	5	6	7	8
1	Prakasam	Project Tiger, Markapur	Y.Palem	175	1.00 ha	Forests	Degrade d Forest Area
<b>Total area</b>					<b>1.00 ha</b>		

  
 Deputy Director,  
 Project Tiger, Markapur



### NET PRESENT VALUE (NPV) CALCULATION SHEET

Statement showing the calculation of Net Present Value in the proposed area Reserve Forest area proposed for diversion of 0.15 ha of Forest land towards Compt No. 83 Pasuvemula RF, Nagulavaram Beat, V P South Section & Compt No. 77, Kandlakunta RF, Koppunuru Beat, VP South Section of VP South Range of Project Tiger, Markapur of Palnadu District for Laying of Optical Fiber Cable along the road within the passing through forest under Project Tiger, Markapur over an extent of 0.15 Ha. for providing 4G Communications in the State of Andhra Pradesh, in favour of M/s Reliance Jio Infocomm Limited Visakhapatnam. Falls in Buffer Area of NSTR and part of Rajiv Gandhi Wildlife Sanctuary . [As per Gol, New Delhi F.No.5-3/2011-FC(Vol – I), dt.06.01.2022.

Sl No	Category	Sub Category	Total Area proposed for diversion in Ha	Rate Rs. in per Lakhs Ha	Net Present Value (NPV) Rs. in lakhs	Nagarjunasagar Srisaillam Tiger Reserve buffer area (5 times) Rs. in lakhs
1	Eco-class-III Consisting of Tropical Dry Deciduous Forests	Dense Forest	0.15 ha	12.2859 Lakhs	1.84288 Lakhs	<b>9.21443 Lakhs</b>

Place: Markapur  
Date

Signature

Name: Vignesh Appavu G

Designation: Deputy Director,,  
Project Tiger, Markapur