

**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	Prakasam & Palnadu
(iii)	Forest Division	Deputy Director, Project Tiger Markapur
(iv)	Area of forest land proposed for diversion in (ha).	38.60 ha. ( V P South Range = 17.50 ha + Y Palem Range = 21.10 ha )
(v)	Legal status of forest	<p><b><u>V P South Range :-</u></b>  The proposed area for diversion is falling in a Mutukur Reserve Forest notified U/s 16 of Madras Forest Act, 1882 and it is a part of Buffer Area of Nagarjunasagar Srisailam Tiger Reserve .</p> <p><b><u>Y Palem Range :-</u></b>  The proposed area for diversion is falling in a Markapur Reserve Forest notified U/s 15 of Madras Forest Act, 1882 and it is a part of the Buffer Area of Nagarjunasagar Srisailam 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	Moderately vulnerable for erosion

(ix)	Approximately distance of proposed site for diversion from boundary of forest	<p><b><u>VP South Range:-</u></b></p> <p>The proposed site is located in Compt No. 63, 64 &amp; 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range of Project Tiger, Markapur Falls in Buffer Area of NSTR.</p> <p>East: Mutukur Reserved Forest.</p> <p>West: Mutukur Reserved Forest.</p> <p>North: Mutukur Reserved Forest.</p> <p>South: Markapur Reserved Forest.</p> <p><b><u>Y Palem Range:-</u></b></p> <p>The proposed site is located in Compt No.182, 183 &amp; 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 &amp; 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 &amp; 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Pale Range of Project Tiger, Markapur Falls in Buffer Area of NSTR.</p> <p>Distance from the boundary of the forests</p> <p>East: Markapur Reserve Forest</p> <p>West: ENB – XII Reserve Forest,</p> <p>North: Markapur Reserve Forest</p> <p>South: Markapur &amp; ENB – XI Reserve Forests,</p>
(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)	<p>It forms part of the Buffer area of Nagarjunasagar Srisaillam Tiger Reserve of Compt No. 63, 64 &amp; 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range and Compt No.182, 183 &amp; 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 &amp; 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 &amp; 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Palem Range of Project Tiger, Markapur.</p>
(xi)	Whether any rare / endangered / unique species of flora and fauna found in the area. if so details thereof	<p><i>Tiger (Panthera tigris) and Panther (Panthera pardus) &amp; etc.,</i> are found in the proposed area for diversion.</p>



(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 38.60 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.	Identified degraded forest land for Compensatory Afforestation is Compt No. 166, 175 of ENB X RF of Komarolu Beat, Y Palem Section, Compt No,187, 188, ENB – XII RF, Mallapalem Beat, Y Palem Section and Compt No. 193, Ganapavaram RF, Rentapalli Beat, Pullalacheruvu Section in Y Palem Range of Project Tiger, Markapur of Prakasam District. It is free from encroachment and suitable for afforestation with raising AR plantation.
(ii)	Map showing non-forest / degraded forest area identified for compensatory Afforestation and adjoining forest boundaries	Authenticated DGPS surveyed maps showing the degraded forest area over an extent of 90 ha is enclosed.
(iii)	Detailed compensatory Afforestation scheme including species to be planted.	The CA Scheme is prepared and enclosed
(a)	Implementing agency	Regional Officer, Ministry of Road Transport & Highways , Vijayawada.
(b)	Time schedule	--
(c)	Cost structure	--
(iv)	Total financial outlay for compensatory Afforestation scheme.	Rs. 961.540 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	6785.13 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(2026.565) 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> <tr> <td>3</td><td>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.</td><td>2.429</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	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
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		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

		<div>10</div> <div> <p>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. Kedareswara Rao.</p> </div> <div>2.024</div>
		<div>11</div> <div> <p>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.</p> </div> <div>2.429</div>
		<div>12</div> <div> <p>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 &amp; gravel in favour of M/s Srinivasa Stone Crushers, Prop. Sri. N.Ramesh.</p> </div> <div>4.00</div>
		<div>13</div> <div> <p>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</p> </div> <div>2.023</div>
		<div>Total</div> <div>2377.049</div>
(v)	Progress of compensatory Afforestation as on (date) 25.07.2023.	
(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	2264.916 ha

13	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	<p>As stated by the User agency, the Rehabilitation and Up-gradation of the highway from Davupally to Mallapalem Junction i.e., from Km 133.922 to Km 154.900 is approved by the Ministry of Road Transport &amp; Highways (MoRT&amp;H), Govt. It is an important highway starting from Nakrekal (in Telangana State) connecting Nalgonda, Macherla, Yerragondapalem, Kanigiri, Rapur, Venkatagiri, and terminating at its junction with NH 71 near Yerpedu in the state of Andhra Pradesh. Widening and improvement of this section of NH-565 would further improve connectivity in terms of achieving smooth and safe traffic flow and improve level of service. User agency further stated that, widening NH 565 with an average width of 21.45 m is required, out of which Bituminous surface will be 10 m and the rest of land is for provision of earthen shoulders, side slopes and longitudinal drains. A Proposal for Diversion of Forest land for Two Laying of Davupally to Mallapalem Section of NH-565 from Km 133.922 to Km 154.900, having a total length of 18.078 Km in the State of Andhra Pradesh land with an average width of 21.45 m is to be diverted for widening of the road. The area of the land to be diverted in Project Tiger, Markapur is 38.60 ha. The User Agency stated that there is no other alternative except proposing the diversion of 38.60 ha of forest land.</p> <p>Now a days, there is a significant increase in the traffic flow along the stretch. This road after completion will provide better mobility between the Palnadu &amp; Prakasam Districts of</p>
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		<p>Andhra Pradesh.</p> <p>Hence, the proposal for diversion of 38.60 ha of RF area may be accepted, subject to the fulfillment of the proposed various mitigation measures in the mitigation plan, at the cost of User agency.</p>
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Signature:



Date:

Place: Markapur

Office Seal:

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 38.60 ha of Forest land towards Compt No. 63, 64 & 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range of Project Tiger, Markapur of Palnadu District and Compt No.182, 183 & 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 & 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 & 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Pale Range of Project Tiger, Markapur of Prakasam District for Rehabilitation and Upgradation of NH 565 from km 133.922 to Km 154.900 (Davupalli to Mallepalem) two lanes with paved shoulders in the state of Andhra Pradesh **is moderately vulnerable for erosion.**



Deputy Director,  
Project Tiger, Markapur

## CERTIFICATE

This is certified that, the Reserve Forest area proposed for diversion of 38.60 ha of Forest land towards Compt No. 63, 64 & 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range and Compt No.182, 183 & 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 & 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 & 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Pale Range of Project Tiger, Markapur for Rehabilitation and Upgradation of NH 565 FROM km 133.922 to Km 154.900 (Davupalli to Mallepalem) two lanes with paved shoulders in the state of Andhra Pradesh Falls in Buffer Area of NSTR.



Deputy Director,  
Project Tiger, Markapur

### CERTIFICATE

It is certified that, the rare/endangered species such as ***Tiger(Panthera tigris)*** and ***Leopard(Panthera pardus)*** are found in the proposed for diversion of 38.60 ha of Forest land towards Compt No. 63, 64 & 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range of Project Tige, Markapur of Palnadu District and Compt No.182, 183 & 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 & 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 & 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Pale Range of Project Tiger, Markapur of Prakasam District for Rehabilitation and Upgradation of NH 565 FROM km 133.922 to Km 154.900 (Davupalli to Mallepalem) two lanes with paved shoulders in the state of Andhra Pradesh, in favour of M/s Regional Officer, Ministry of Road Transport & Highways , Vijayawada.



Deputy Director,  
Project Tiger, Markapur



## 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 38.60 ha of Forest land towards Compt No. 63, 64 & 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range of Project Tige, Markapur of Palnadu District and Compt No.182, 183 & 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 & 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 & 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Pale Range of Project Tiger, Markapur of Prakasam District for Rehabilitation and Upgradation of NH 565 FROM km 133.922 to Km 154.900 (Davupalli to Mallepalem) two lanes with paved shoulders in the state of Andhra Pradesh.



Deputy Director,  
Project Tiger, Markapur

### CERTIFICATE

It is certified that the proposed for diversion of 38.60 ha of Forest land towards Compt No. 63, 64 & 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range of Project Tige, Markapur of Palnadu District and Compt No.182, 183 & 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 & 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 & 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Pale Range of Project Tiger, Markapur of Prakasam District for Rehabilitation and Upgradation of NH 565 FROM km 133.922 to Km 154.900 (Davupalli to Mallepalem) two lanes with paved shoulders in the state of Andhra Pradesh, in favour of M/s Regional Officer, Ministry of Road Transport & Highways , Vijayawada is **unavoidable and the barest minimum for the project.**



Deputy Director,  
Project Tiger, Markapur

## CERTIFICATE

***It is certified that,*** no work has been carried out in violation of the acts & rules in the proposed for diversion of 38.60 ha of Forest land towards Compt No. 63, 64 & 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range of Project Tige, Markapur of Palnadu District and Compt No.182, 183 & 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 & 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 & 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Pale Range of Project Tiger, Markapur of Prakasam District for Rehabilitation and Upgradation of NH 565 FROM km 133.922 to Km 154.900 (Davupalli to Mallepalem) two lanes with paved shoulders in the state of Andhra Pradesh, in favour of M/s Regional Officer, Ministry of Road Transport & Highways , Vijayawada.



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	63, 64 & 65	17.50 ha	--
2	Prakasam		Y.Palem	182, 183, 184, 170, 172 , 173, 169 & 174	21.10 ha	--
Total area					38.60 ha	--

  
 Deputy Director,  
 Project Tiger, Markapur

Statement showing details of non 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	Non forest area proposed for diversion	Present land use	Remarks
1	2	3	4	5	6	7	8
1	Prakasam	Project Tiger, Markapur	Y Palem	166, 175, 187, 188, & 193	90 ha	--	Degraded forest area

  
 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 for diversion of 38.60 ha of Forest land towards Compt No. 63, 64 & 65 Mutukur RF, Sirigiripadu Beat, Sirigiripadu Section of VP South Range of Project Tige, Markapur of Palnadu District and Compt No.182, 183 & 184, Markapur RF, Mallepalem Beat, Y Palem Section, and Compt No.170, 172 & 173 Markapur RF, Komarolu Beat, Y Palem Section and Compt No. 169 & 174, ENB XI RF, Komarolu Beat, Y Palem Section of Y Pale Range of Project Tiger, Markapur of Prakasam District for Rehabilitation and Upgradation of NH 565 from km 133.922 to Km 154.900 (Davupalli to Mallepalem) two lanes with paved shoulders in the state of Andhra Pradesh, in favour of M/s Regional Officer, Ministry of Road Transport & Highways , Vijayawada [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. per 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	38.60 ha	12,28,590	4,74,23,574	<b>2371.1787 Lakhs</b>

Place: Markapur  
Date

Signature



Name:

Vignesh Appavu G

Designation:

Deputy Director,,  
Project Tiger, Markapur