



OFFICE OF THE DIVISIONAL FOREST OFFICER, DHENKANAL FOREST DIVISION  
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Memo No 7191 3F/Misc/88/2019/dt. 16.08.2019

To,

The Regional Chief Conservator of Forests,  
Angul.

**Sub:-** Proposal for diversion of Forest Land over 13.988 Ha. for construction of 3<sup>rd</sup> & 4<sup>th</sup> line between Budhapanka-Salegaon Railway Project(29km-85km) under Dhenkanal Forest Division by East Coast Railway.  
**State Serial No-OR-034/2018 dt.22.06.2018.**  
**Proposal No-FP/OR/RAIL/34204/2018 dt.22.06.2018.**

On the above mentioned subject, it is to inform that the above proposal for Diversion of 13.988 Ha. of Forest Land for construction of 3<sup>rd</sup> & 4<sup>th</sup> line between Budhapanka-Salegaon Railway Project(29km-85km) under Dhenkanal & Odapada Tahasil of Dhenkanal District in respect of Dhenkanal Forest Division has been received from the User Agency through online bearing **State Serial No.OR-034/2018 dt.22.06.2018** for due processing and onward transmission for approval under Section 2 of Forest (Conservation) Act, 1980.

**Brief Description of the Proposal.**

The power plants/other industrial infrastructure are connected to the existing network by different siding which has to be served by augmenting the exiting capacity by constructing the 3<sup>rd</sup> & 4<sup>th</sup>. line for which it has to run parallel to the existing network and has to be integrated to the existing network system. As railway line is to be laid in a certain ruling gradient, these bare minimum forest land involvement are unavoidable. Also, the proposed 3<sup>rd</sup>. and 4<sup>th</sup>. line is essentially required to cater to the increased coal production of Mahanadi Coal Field and facilitating coal evacuation and cater to the needs of a number of Thermal Power Plants in India. This line is also carrying imported cooking coal from Paradeep port to the sponge iron and iron plants located at Angul-Sambalpur-Jharsuguda Belt. These two lines will also cater to the projected iron ore traffic from the Bimalagarh-Kiriburu-Malangotoli iron ore mines belt in North Odisha to Paradeep Port. Also, it will serve for faster movement of passenger traffic in this route. The gross cost of the project will be Rs.1172.92 Cr.

It will also enhance socio-economic conditions of these Districts. During the construction of the project, it will render employment opportunities to the people of the relevant Districts through which alignment will pass. The present proposal is from 0km-85km which involves 56 villages in Cuttack and Dhenkanal District. The alignment starts from the chainage 0 from village Salegaon in Cuttack district and ends at chainage 85000 at village Mangalpur under Dhenkanal district. For this project, 24.188ha of forest land (10.20ha in Athagarh Forest Division, 13.988ha in Dhenkanal Forest Division) is the bare minimum required for diversion.

Out of the above, total length of 56km i.e. 29km to 85km passes through Dhenkanal Forest Division. But the present proposal involves 47 villages that is Mahulpada, Kathagada, Shyamacharanpur, Barabanka, Gobindapur, Ichhadeipur, Korian, Balabhadrapur, Bebartakateni, Ranapasi, Sambarpatia, Janhitailain under Dhenkanal Tahasil, Nimabahal in Hindol Tahasil, Gobindapur, Siminai, Talaberana, Sadasibapur, Gailo, Sanabaulapur, Sudadihakateni, Mahadia, Nabakumarpur, Tentuliapada, Rasasinga, Pasasinga, Kaunriapal, Belapada, , Gunadei, Podapada, Kaikateni, Odapada, Bangursinga, Jarada, Balaramprasad, Artasantarakateni, Talabaghalunda, Nayabhagirathipur, Purbabada, Nayabhagirathipur, Paschimabada, Kalusaukateni, Salapada, Haladiabahal, Uparapal, Meramandali, Motanga, Khadgaprasad, Kurunti, Mangalpurin Odapada Tahasil, Gadabola RF and Megha RF of Dhenkanal District.

**Land particulars of the Project**

The total requirement of Forest land for the above Project is 13.988 Ha. Non Forest Govt. land is 10.445 Ha and Private Land is 64.120 Ha. = 74.565 Ha which are coming under Dhenkanal Forest Division. Accordingly, the detail status of Forest Land & Non Forest Land are categorically furnished below.

Name of the Division	Forest Land (in Ha)		Non Forest Land (in Ha)			
	Name of the Revenue Forest Land	Total	Govt. land	Pvt. Land	Total	Grand Total (in Ha)
Dhenkanal		13.988	10.445	64.120	74.565	88.553
	Revenue Forest = 0.505 Ha.					
	DLC Forest = 1.489 Ha.					
	<u>Reserve Forest:-</u>					
	Godabolu RF = 11.317 Ha.					
	Megha RF = 0.677Ha.					
	Total = 13.988Ha.					

**Justification for locating the project in forest land.**

The project of construction of 3rd & 4th line between Budhapank to Salegaon has been sanctioned in the year 2015-16. Budhapank is a junction station near Talcher in the Sambalpur-Angul-Cuttack section of Khurda Division located at a distance of 98.133 Km. Cuttack via Nergundi. Salegaon station is located at a distance of 13.25 Km. from Cuttack.

The existing railway line is catering to the originating traffic from the Mahanadi Coal Field to Paradeep and Vishakhapatnam ports and siding traffic originating from / going to the several Power Plants and other coal-based industries located in the Cuttack -Talcher-Jharsuguda area which are connecting to its existing railway station. The section between Budhapank and Salegaon is having doubling and handling more than 50 coal loaded wagons every day from Mahanadi Coal Field in addition to traffic originating from/to the siding and as such is operating more than 100% section capacity. To ease the traffic congestion and to augment the section capacity to cater to the enhanced Coal production by Mahanadi Coal Field, construction of the Project of 3rd & 4th line was sanctioned. The alternative alignment survey is not possible because its being a 3<sup>rd</sup> & 4th line project which has to definitely follow the 1<sup>st</sup> & 2<sup>nd</sup>. line corridor to have synchronization with the existing infrastructure and signalling system. The power plants/other industrial infrastructure are connected to the existing network by different siding which has to be served by augmenting the existing capacity by constructing the 3rd & 4th line for which is has to run parallel to the existing network and has to be integrated to the existing network system. As railway line is to be laid in a certain ruling gradient, these bare minimum forest land involvement are unavoidable. Also, the proposed 3rd and 4th line is essentially required to cater to the increased coal production of Mahanadi Coal Field and facilitating coal evacuation and cater to the needs of a number of Thermal Power Plants in India. This line is also carrying imported cooking coal from Paradeep port to the sponge iron and iron plants located Angul-Sambalpur-Jharsuguda Belt. These two lines will also cater to the projected iron ore traffic from the Bimalagarh-Kiriburu-Malangotoli iron ore mines belt in North Odisha to Paradeep Port. Also, it will serve for faster movement of passenger traffic in this route. The gross cost of the project will be Rs.1172.92 Cr.

In view of the above, construction of two more lines between Budhapank and Salegaon in this mineral rich and industrialized region is essentially required to meet the demand of ever increasing traffic required for fast paced industrial development of the area as well as the nation.

Considering the above parameter, the project authorities surveyed different sites & finally selected project site at Godabolua Reserve Forest, Megha Reserve Forest, village-Gobindapur, Ichhadeipur, Ranapasi, Sambarpatia under Dhenkanal Tahasil and village-Sadasivpur, Sudhadeikateni, Passasing, Mahadia, Gunadei & Khadagprasad in Odapada Tahasil in District Dhenkanal.

### Compensatory Afforestation

This proposal involving forest land over an area of 13.988 Ha in Dhenkanal Forest Division and 10.20 Ha. in Athagarh Forest Division are proposed for construction of 3<sup>rd</sup> & 4<sup>th</sup> line between Budhapanka-Salegaon Railway Project(29km-85km) in Cuttack and Dhenkanal District. As per Para 2.8(ii) of Guidelines of Forest (Conservation) Act, 1980 of Govt. of India, the projects Compensatory Afforestation will be raised in degraded forest twice in extent. Therefore, 48.50 Ha. degraded forest land is required for Compensatory Afforestation. Accordingly, CA Scheme shall be prepared for minimum of 1000 saplings per hectare of identified CA land with ten years maintenance. In this connection, degraded forest land has been identified, the details of which is furnished below.

Patch	Division	Range	Section	Name of RF	Compartment No.	Area considered for Compensatory Afforestation (Ha.)
1	Dhenkanal	Sadangi	Khankira	Balipasi	1	28.137
2	Dhenkanal	Sadangi	Khankira	Balipasi	1	20.365
Total						48.50

The site is located on survey of India Topo Sheet No F45-T/13 between Latitude: 20° 48' 40" - Longitude: 85° 57' 50" (Annexure-I).

Accordingly, Compensatory Afforestation Scheme has been enclosed with the Forest Diversion Proposal. Further, the User Agency has furnished an undertaking to bear the cost of Compensatory Afforestation scheme as required for the project is enclosed with the forest diversion proposal.

### **Tree Enumeration**

The tree enumeration list in forest land and non-forest Govt. land are enclosed with the forest diversion proposal. As per tree enumeration list, 2561 nos. of trees in forest land and 517 nos. of trees in non-forest Govt. land have been enumerated. The canopy density of vegetation has also been furnished in the Part-II of the diversion proposal.

### **Model Certificate under FRA 2006**

The User agency has applied the model certificate to the Collector & District Magistrate, Dhenkanal under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 and accordingly, the User Agency has furnished the Undertaking to submit the same after receipt from the respective authority. The Undertaking has been enclosed along with the Forest diversion proposal.

### **Maps**

In pursuance to the Guidelines issued by GoI, MoEF & CC vide letter F No.11-9/98-FC Dated 08.07.2011, the User Agency has furnished all DGPS Maps for the Forest so involved in the project duly certified by ORSAC and authenticated by the concerned Tahasildars are enclosed in the Diversion Proposal in **Plate-01 to 13**.

### **Position of Displacement of People and Rehabilitation if any**

No displacement is involved in the project area. So rehabilitation plan is not required.

### **Cost Benefit Analysis**

The cost benefit analysis is not required as the forest area proposed for diversion is less than 20 Ha.

### **Flora And Fauna**

The common species of Flora and Fauna which are noticed in the forest area proposed for Diversion in respect of Dhenkanal Forest Division are furnished in the Part-II enclosed in the Diversion proposal in details.

### **Net Present value**

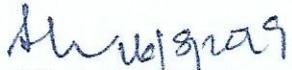
The vegetation is Dry Deciduous Forest & comes under (Eco class -III) with canopy density 0.5. Accordingly, the User Agency has furnished an undertaking to bear the cost of NPV as required for the project which has been enclosed with the forest diversion proposal.

Violation

No violation of F.C Act. by the User Agency has been noticed so far in respect of the above project.

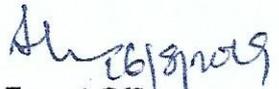
Recommendations

In this connection, 5 (Five) sets of Diversion Proposal are submitted herewith for favour of kind information & necessary action.

  
Divisional Forest Officer  
Dhenkanal Division

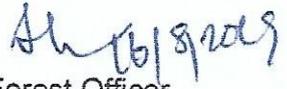
Memo No 7192 /dt. 16.08.2019

Copy submitted to the Addl. Principal Chief Conservator of Forests, (Forest Diversion) & Nodal FC Act, O/O the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour kind information and necessary action.

  
Divisional Forest Officer  
Dhenkanal Division

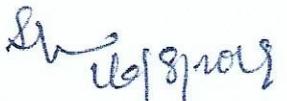
Memo No 7193 /dt. 16.08.2019

Copy submitted to the Collector, Dhenkanal for favour kind information and necessary action.

  
Divisional Forest Officer  
Dhenkanal Division

Memo No 7194 /dt. 16.08.2019

Copy forwarded to the Dy. Chief Engineer (Con-1), East Coast Railway, Annex Building (West), Rail Vihar, Chandrasekharpur, Bhubaneswar for information and necessary action.

  
Divisional Forest Officer  
Dhenkanal Division