



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

कार्यालय परियोजना निदेशक, परियोजना कार्यान्वयन इकाई, धमतरी

(Office of Project Director, Project Implementation Unit, Dhamtari)

ब्लॉक एफ-5, शिवराज ग्रीन्स, सिहवा रोड, धमतरी-493773 (छ.ग.)

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PD/DMT/RV/Forest/6407

Date: 11.09.2023

To,

**The Divisional Forest Officer**  
Forest Division-Dhamtari  
Dist-Dhamtari (C.G.)

**Sub:** Development of Economic Corridors, Inter-corridors, feeder routes and Coastal Road to improve the efficiency of freight movement in India (Lot-3/Odisha & Jharkhand/Package-2) Raipur-Vishakhapatnam (Ch. 0.000 - Ch. 124.661) in the State of Chhattisgarh under Bharatmala Pariyojana. (Forest Proposal is for between km 42+844 to Km 124.661) - Compliance of condition stipulated in Forest clearance - Reg.

**Ref:** (i) IRO, MOEF&CC, Raipur letter No.FC-III/IROCH-04/2022/673 dt.12/04/2022  
(ii) IRO, MOEF&CC, Raipur letter No. FC-III/IROCH-04/2022/727 dt.24.05.2022  
(iii)IRO, MOEF&CC, Raipur letter No.FC-III/IROCH-04/2022/991 dt.27.10.2022.  
(iv) IRO, MOEF&CC, Raipur letter No. FC-III/IROCH-04/2022/1083 dt.02.12.2022  
(v) IRO, MOEF&CC, Raipur letter No. FC-III/IROCH-04/2022/1450 dt. 04.07.2023

Sir,

Please find enclosed herewith compliance of condition & additional condition stipulated in IRO, MOEF&CC letters referred at Sr.No.01 to 05 in appendix-1,

2. It is requested to take necessary action for grant of Stage-2 approval.

Encl: As above

  
Project Director

Copy to:-

1. APCCF (Land Management), Aranya Bhawan, Naya Raipur - for kind information please.

Copy also to:-

1. CGM (Tech) cum Regional Officer-Chhattisgarh, NHAI, Raipur-for kind information, please.  
2. GM (Tech.), Chhattisgarh, NHAI-HQ New Delhi - for kind information please.

## Appendix-I

Stage-1 compliance of conditions stipulated in Forest Clearance (FC) which has been accorded by MoEFCC Regional office, Chhattisgarh vide letter no: - FC-III/ROCH-04/2022/673 dated 12/04/2022.

AND

Additional condition stipulated conditions in IRO, Raipur letter no FC-III/ROCH-04/2022/727 dated 24-05-2022.

AND

Additional condition stipulated conditions in IRO-Raipur letter no. FC-III/ROCH-04/2022/991 dated 27-10-2022.

AND

Additional condition stipulated conditions in IRO-Raipur letter no. FC-III/ROCH-04/2022/1083 dated 02-12-2022

AND

Additional Conditions stipulated in IRO letter no. FC-III/ROCH-04/2022/1450 dated 04/07/2023.

**Name of the Project:** - "Development of Economic Corridors, Inter-corridors, feeder routes and Coastal Road to improve the efficiency of freight movement in India (Lot-3/Odisha & Jharkhand/Package-2) Raipur-Vishakhapatnam (Ch. 0.000 - Ch. 124.661) in the State of Chhattisgarh under Bharatmala Pariyojana. (Forest Proposal is for between km 42+844 to Km 124.661)

**Online Proposal No:** - FP/CG/ROAD/119866/2021

Stage-1 Stipulated conditions issued vide letter no. FC-III/ROCH-04/2022/673 dated 12/04/2022.		
SL.	Stipulated condition	Compliance by NHAI-PIU Dhamtari
(i)	Legal status of the forest land shall remain unchanged.	Agreed, Legal status of the Forest Land will not be changed and will remain be the same as it is.
<b>Compensatory afforestation</b>		
(ii)	a. Compensatory afforestation shall be taken up by the Forest Department over 457 ha spread in 19 patches in 03 forest ranges in Mahasamund Forest Division. Orange Forest Area in Rajnandgoan division at the cost of the user agency. As far as possible, a mixture of local indigenous species shall be planted, and monoculture of any species may be avoided.	Agreed and complied. The cost of Compensatory afforestation is already deposited in CAMPA account, and it is also updated on <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> , details of the same is attached as Attachment-1(Receipt of payment (NEFT-reference No.P146220171195301 dt.26.05.2022) Selection of plant species is under preview of the concerned Forest Department (office of DFO-Mahasamund) and during CA plantation it will be taken care based on site specific suitability.
(iii)	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on	Agreed and complied Amount as per DFO Dhamtari demand vide letter no.चि./जी/2526 dt.09.05.2022 has been deposited in CAMPA fund Chhattisgarh vide NEFT No.P146220171195301 dt. 26.05.2022. The CA cost include maintenance of plants for a



	<p>the CA land shall be deposited in advance with the current wage rate to the State Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;</p>	<p>period of 10 Years. User agency NHAI-PIU Dhamtari is fully agreeing to adhere the condition in case revise/increase as per supreme court of India direction/ Government decision.</p>
	<b>NPV:</b>	
(iv)	<p>a. The State Government shall charge the Net Present Value (NPV) at present rate for the 228 0426 ha (180.1675 ha at present and 47.876 ha after ESZ notification) forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 30/10/2002, 01/08/2003, 28/03/2008, 24/04/2008 and 09/05/2005 in LA No. 566 in WP (C) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No. 5-1/1998-FC (PL.II) dated 18/09/2003, as well as letter No. 5-2/2006-FC dated 03/10/2006 and 5-3/2007-FC dated 05/02/2009 in this regard;</p>	<p><b>Agreed and complied.</b></p> <p>As per office of Dhamtari Demand note issued vide letter no- मा.चि./जी/2526 dt.09.05.2022, amount against CA , NPV and Wildlife Management Plan , Rs 818152379/- ( Eighty one crore eighty one lakh fifty two thousand three hundred seventy nine) has already been deposited in CAMPA fund under NEFT reference no- P146220171195301 dt.26.05.2022.</p> <p><b>May please refer Attachment-1 for payment receipt.</b></p>
	<p>b. Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect.</p>	<p><b>Agreed and will be complied.</b></p> <p>In case additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, User Agency NHAI-PIU Dhamtari is agreed to pay. Undertaking for the same is already given in forest land diversion proposal and as compliance of this stage-1 stipulated condition, undertaking is given.</p>
(v)	<p>Forest clearance is agreed only for diversion of 180.1675 ha forest areas under FC Act, and it does not include forest areas falling under ESZ/ PA.</p>	<p><b>Agreed and complied.</b></p> <p>In 7th REC meeting dated 24/05/2022 again this forest proposal placed in which it is decided and communicated to User Agency vide letter no:- F. No. FC-IIIIRCH-04/2022 - 727 dated 24/05/2022 under serial no 1 (v) which read " The Committee further opined that as the proposed alignment passes through the notified tiger corridor by the NTCA, the proposal need the Wildlife Clearance and accordingly suggested that User Agency shall take the permission from NBWL". Further, Wildlife Clearance is accorded vide letter/File no.6-112/2022 WL dated 3/07/2023. Accordingly, compliance of this stipulated condition is no more required.</p> <p><b>Attachment-2 Wildlife clearance letter.</b></p>

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(vi)	For the stretch from 89.641 to km 124.661 (35.020 km) falling under default (10 km) ESZ of Udanti-Sitanadi Tiger Reserve and constituting an area of 47.875 ha, the User Agency shall obtain the revised ESZ notification or approval from the NBWL as mandated under the FC Act, rules and guidelines. In case any realignment or other changes are suggested by NBWL or MoEF& CC during the course, the consequential changes, if any, will be effective in the "In Principle" FC approval accordingly.	<p><b>Complied,</b></p> <p>Wildlife Clearance is accorded in 72nd meeting of standing committee of National Board for Wildlife dated 11<sup>th</sup> May 2023 (WL-08/20/2023-WL).</p> <p>There is no change in alignment is suggested by standing committee of National Board for Wildlife.</p> <p><b>Attachment-2 Wildlife clearance letter.</b></p>
(vii)	Wildlife Conservation and Management Plan approved by Principal Chief Conservator of Forest and Chief Wildlife Warden, Government of Chhattisgarh as per the WII guidelines shall be submitted before Stage-II approval.	<p><b>Complied.</b></p> <p>Wildlife Management Plan is part of Wildlife Clearance Proposal and already submitted through appropriate channel. After approval of Wildlife Management Plan from office of Chief Wildlife Warden, Government of Chhattisgarh it is submitted to Wildlife division of MoEFCC, New Delhi. Wildlife clearance proposal is already accorded vide letter dated 03.07.2023.</p> <p><b>Attachment-2 Wildlife clearance letter.</b></p>
(viii)	The state shall ascertain whether proposed wildlife area or any portion thereof falls in the declared Indravati-Udanti-Sitanadi-Sunabeda Tiger Corridor. In case of any area falling in the Tiger Corridor, the User agency shall take necessary approval from NTCA, the same shall be submitted before Stage-II approval:	<p><b>Agreed and complied,</b></p> <p>Proposed project road alignment traverse through default ESZ (@10 km from PA boundary) between km 89.641 to km 124.661 (35.020 km). Also, Project road alignment cross Indravati-Udanti-Sitanadi-Sunabeda Tiger Corridor between km 105+000 to Km 108+500.</p> <p>Wildlife Clearance is accorded in 72nd meeting of standing committee of National Board for Wildlife dated 11<sup>th</sup> May 2023 (WL-08/20/2023-WL). Since, project road alignment also traverses through tiger corridor Indravati-Udanti-Sitanadi-Sunabeda), Wildlife division of MoEFCC through its official channel has consulted with NTCA and only after the recommendation of NTCA Wildlife Clearance is accorded.</p> <p><b>Attachment-2 Wildlife clearance letter &amp; NTCA recommendation.</b></p>
(ix)	Total 354 nos, of structures proposed in 81.817 km road length (Road length in Forests 47.875 Km), proposed cross structures for movement of animals are at the interval of 200-250 meters The suitability of the structures and their quantity will be examined by the Chief Wildlife Warden, Government of Chhattisgarh and the prescribed statutory authorities in the management plan submitted the User Agency, as per the extant guidelines, the same shall be submitted before Stage-II approval.	<p><b>Agreed and being complied,</b></p> <p>It is to undertake that a 354 nos. of cross structures are provided in a road length measuring 81.817 km at identified locations for the crossing of surface water, wild animal, farmers etc.</p> <p>Dedicated structures for wildlife movement are 26 number of cross structures, 1 tunnel having length 2.79 km 3 nos. of viaduct having total length 960 meter.</p> <p>Location to provide cross structures for smooth passage of wild animal are already identified strictly under consultation of Forest department.</p> <p>Further, WII official Dr. Blvash Pandav, Scientist G of WII</p>

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		<p>visited the project site on 12<sup>th</sup> and 13<sup>th</sup> June 2023 and comments and recommendation shows that "The extent and structural design of the proposed mitigation measures are adequate. The mitigation measures proposed effectively covers a distance of 3.79 km in a forest patch of 6.54 km.</p> <p>Also, in 72nd meeting of standing committee of National Board for Wildlife dated 11<sup>th</sup> May 2023, it is suggested under condition no.5 "All forest patches within ESZ and wildlife corridor not covered under clear opening of mitigation structures shall be provided with a small pipe/cc culvert at every 100 meters (where there are no existing/proposed cross drainage structures) for the movement of reptiles, amphibians, and small animals. Further, it is to undertake that all the prescribed guidelines, recommendation of NBWL in its Wildlife clearance letter through stipulated conditions will be strictly followed during execution of project.</p> <p><b>Attachment-2 Wildlife clearance letter.</b></p>
(x)	The clearance from Project Elephant Division, if required, shall be before the Stage-II approval:	<p><b>Complied</b></p> <p>Clearance from Project Elephant Division is obtained.</p> <p><b>Attachment-3 Clearance letter from Project Elephant Division.</b></p>
(xi)	Out of the total project affected 87,613 trees only 68,013 will be felled in 30 meters of Row and 19600 trees falling in the on either side of the road will be kept intact. User agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department.	<p><b>Agreed and will be complied.</b></p> <p>Tree felling will be accomplished under closed supervision of the concerned Forest officials. Undertaking for barest minimum tree felling is already given in Forest Land Diversion Proposal.</p> <p>Further, IRO Chhattisgarh on dated 2/12/2022 vide letter no. FC-III /IROCH-04/2022/083 (of 12th REC meeting dated 29.11.2022) allowed felling of standing tree within RoW of 45 meter under condition no. (a) which reads "The Committee approved the proposal for felling of trees in 45m RoW of the project, the User agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department"</p> <p>All the cost incurred against felling of standing tree will be deposited as per demand note of the concerned forest department.</p>
(xii)	User Agency shall obtain Environmental Clearance as per the provisions of the Environmental (Protection) Act, 1986, if applicable, before the Stage-II approval.	<p><b>Agreed and complied.</b></p> <p>Environmental Clearance has already been awarded on 12/05/2022 vide EC Identification No. - EC22A034CG113144, File No. - 10-3/2020-IA.III.</p> <p><b>May please refer Attachment-4, Copy of Environmental Clearance letter.</b></p>
(xiii)	All the funds received from the user agency under the project shall be transferred/ deposited to CAMPA fund only through e-portal	<p><b>Agreed and complied.</b></p> <p>Fund as per DFO Dhamtari demand vide letter no .चि./जी/2526 दि.09.05.2022 against NPV, CA and</p>

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	( <a href="https://parivesh.nic.in">https://parivesh.nic.in</a> ):	<p>implementation of Wildlife Management Plan has been deposited in CAMPA fund of Chhattisgarh through e-portal vide NEFT No.P146220171195301 dt.26.05.2022. The amount against demand note is already deposited and the same is reflected on parivesh portal.</p> <p><b>Please refer Attachment- 1 for receipt/screenshot.</b></p>
(xiv)	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector,	<p><b>Agreed and complied.</b> All the required proceedings of FRA 2006 are completed and FRA certificate from the concerned District Magistrates are issued <b>May Please refer Attachment-5, FRA certificates.</b></p> <p><b>May please refer Annexure-14 for undertaking and submission receipt.</b></p>
(xv)	Strip plantations on both sides and central verge of the road as per the IRC norms shall be raised by the State Forest department by planting tall seedlings of 8-10 feet in height at the cost of User Agency, further, same shall be protected by chain linked fencing at least for initial three years of its growth. In forest patches, plantations of ornamental species should be avoided, and preference shall be given to native forest tree species including fruit bearing tree species, like mango, banyan, tamarind, etc;	<p><b>Agreed and will be complied.</b></p> <p>Provision has been made for Avenue and median plantation in Concession Agreement. IRC-SP-21-2009 (Guidelines on landscaping &amp; tree plantation) and Guideline under Green Highway policy will be followed in true respect. During plantation suggestion for selection of species will be obtained from the concerned forest department. All the cost of Avenue plantation will be borne by the User Agency. Since, in forest area width is already restricted to save standing Forest Tree, scope of avenue plantation will be limited to those patches where forest trees are not available.</p>
(xvi)	Speed regulating signage will be erected along the road at regular intervals in the Forest Areas:	<p><b>Agreed and will be complied.</b> Speed regulation signage will be installed at appropriate location as per IRC guideline (IRC: SP: 55:2015&amp; IRC:SP:67-2012) and also as per suggestions of concerned forest department to aware the drivers and other road users specially keeping in view of presence of wild animal in/along the forest area.</p>
(xvii)	<p>User Agency in consultation with forest department shall prepare 26 Underpasses, one tunnel of length 2.83 km and 3 viaducts having total length 960 meter along with the following structures.</p> <ul style="list-style-type: none"> <li>➤ 29 nos. of Monkey Canopy.</li> <li>➤ 5 nos. of Major Bridges, 37 nos. of Minor Bridges,</li> <li>➤ 3 nos. Viaduct, 14 nos. of VUP, 2 nos. VOP, 33 nos of LVUP and 233 nos. of Box culverts.</li> </ul>	<p><b>Agreed and will be complied.</b> Provision of 26 nos. of dedicated underpasses for wild animal, one tunnel having length 2.79 km and 3 viaducts having total length 960 meter along with 29 nos. of Monkey Canopy, 5 nos. of Major Bridges, 37 nos. of Minor Bridges, 14 nos. of VUP, 2 nos. VOP, 33 nos. of LVUP and 233 nos. of Box culverts are already provisioned in project. Design of these structures are already finalized and will be constructed while executing the project. Further as per stipulated condition no. 1 of Wildlife Clearance which reads "The Animal Passage Plan needs to be examined by WII", WII official Dr. Bivash Pandav, Scientist G of WII visited the project site on 12<sup>th</sup> and 13<sup>th</sup> June 2023 and comments and recommendation shows that "The extent and structural design of the proposed mitigation measures are adequate. The mitigation measures proposed effectively</p>

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		<p>covers a distance of 3.79 km in a forest patch of 6.54 km. The user agency must ensure fencing of remaining length of the road passing through the forest in order to avoid any collision with wild animals.</p> <p>The project proponent agrees to adhere the all recommendations of Forest Department, Wildlife Department as well as recommendation of WII.</p> <p><b>May please refer Attachment-6, WII recommendation letter.</b></p>
(xviii)	<p>The User Agency in consultation with Forest Department shall provide under/over pass for safe passage of wild animals at suitable places as per Wildlife Institute of India's manual entitled "Eco friendly Measures to Mitigate Impacts of Linear Infrastructure on Wildlife" published in 2016;</p>	<p><b>Agreed and complied.</b></p> <p>During study for preparation of Wildlife Management detailed consultation and site visit along with concerned Forest and Wildlife officials are done and accordingly passage plan for smooth passage of wild animals is prepared which is also approved by CWLW and it became part of Wildlife Proposal. Wildlife Clearance is already granted vide letter dated 03.07.2023. The Wildlife Management Plan is in the line of guidelines given in Eco friendly Measures to Mitigate Impacts of Linear Infrastructure on Wildlife" published in 2016, prepared by WII, Dehradun.</p>
(xix)	<p>NHAI shall develop a separate nursery at one or more places to raise at least 50,000 seedlings of forestry species along with bamboo, fruit bearing, medicinal, ornamental and indigenous/local every year. At least 50% of seedlings shall be planted by User Agency in the vicinity of project area including forest area and for better relation with local people residing in vicinity of proposed road, NHAI shall voluntary distribute remaining 50% of seedlings to them free of cost.</p> <p>A compliance report including species wise details of seedlings raised, location of plantation area and details of villagers whom seedlings have been distributed need to be prepared every six month and submitted to Regional Office of MoEF&amp;CC.</p>	<p><b>Agreed and will be complied.</b></p> <p>NHAI through Concessionaire or other separate agency, a separate nursery for 50,000 seedlings will be established once project road alignment is established and significant construction work commenced.</p> <p>Based on recommendation/suggestion of the concerned Forest Department, preference will be given to plant local species of bamboo, fruit bearing, medicinal, ornamental and indigenous/local trees.</p> <p>Forest land diversion is applied for project road located between km 42+844 to Km 124.661, measuring total length 81.817 km. Out of these 81.817 km, project road length under Forest patch/area is 47.88 km where PRow is limited and avenue plantation is not provisioned.</p> <p>Further, in remaining road length i.e 33.937 km which can accommodate (as per IRC:SP:21:2009) approx. 500 trees in 2 row plantation either side at plant to plant interval 8 meter. In such a way in 32 km road (excluding opening width of cross drainage approx. 2 km) a total 500 tree x 32 km= 16,000 trees can be planted.</p> <p>Further, to comply with the stipulated condition of Stage-1, pertain to plantation of 50 % of 50000 tree (i.e 25000) in vicinity of project road, it is to undertake that 16000 trees will be planted within PRow of project road and for remaining (25000-16000=9,000 tree) 9000 tree, User Agency will explore the possibility to plant these tree along the project road in available space of Forest land and Government/panchayat land with prior permission/ NOC from the concerned department/Panchayat.</p> <p><b>and</b></p> <p><b>Attachment - 6 for WII recommendation report.</b></p>
(xx)	The layout plan of the proposal shall not	<p><b>Agreed and will be complied.</b></p>

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	be changed without prior approval of Central Government.	Layout plan of proposed project will not be changed without permission of Central Government.
(xxi)	No labour camp shall be established on the forest land;	<b>Agreed and will be complied.</b> No unauthorized labour camp /construction yard will be established on diverted Forest land or in nearby forest area.
(xxii)	Sufficient firewood preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel;	<b>Agreed and will be complied.</b> For the purpose of cooking, User Agency through construction contractor, commercial LPG will be provided to all construction workers engaged in project.
(xxiii)	The boundary of the diverted forest land shall be suitably demarcated on ground at the cost, as per the directions of the concerned Divisional Forest Officer.	<b>Agreed and will be complied.</b> Boundary of diverted forest toward project road will be demarcated as per direction and under supervision of forest department. Cost of the same will be borne by user agency (NHAI-PIU Dhamtari, Chhattisgarh).
(xxiv)	No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work:	<b>Agreed and will be complied.</b> It is ensured that no new road/haul road/path will be constructed for travelling or transportation of construction material for project road other than forest land diverted and for which forest clearance accorded.
(xxv)	The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less;	<b>Agreed and noted.</b>
(xxvi)	The forest land shall not be used for any purpose other than that specified in the project proposal:	<b>Agreed and will be complied.</b> It is ensured that forest land which is diverted for this project will not be used for any purpose other than the construction of this project road.
(xxvii)	The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India;	<b>Noted and agreed.</b> It is ensured that diverted forest land for proposed project will not be transferred to any other agencies, department or individual under any circumstances without prior permission of the Central Government.
(xxviii)	Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the MoEF&CC Guideline F. No. 11-42/2017-FC dt 29/01/2018:	<b>Agreed and noted.</b> As of now no violation of Forest conservation Act, 1980 has been committed on this project. User Agency, NHAI-PIU Dhamtari, Chhattisgarh will adhere all the conditions stipulated in stage-1 Forest Clearance of this project. In case any violation reported, User Agency will be fully responsible for it and appropriate action might be initiated.
(xxix)	Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the	<b>Agreed and will be complied.</b> All the conditions/directions issued by MoEF&CC from time to

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	interest of conservation, protection and development of forests & wildlife;	time in the interest of conservation and development of forest & wildlife will be complied.
<b>Additional condition stipulated in MoEFCC, 7<sup>th</sup> REC-Chhattisgarh meeting dated 24-05-2022 and issued vide letter no- FC-III/ROCH-04/2022/727</b>		
1	The Committee considered the above-mentioned proposal and various facts related to the proposal in the factsheet prepared by the Integrated Regional Office, Raipur and in the proposed file submitted by the Government of Chhattisgarh. The APCCF, Nodal Officer (FCA), Government of Chhattisgarh and the representatives of the user Agency were also present in the meeting. After examination of the proposed and interaction with representatives of the user Agency, the Committee noted as under:	Noted and User agency fully agreed with the committee proceedings.
(i)	Committee noted that proposal envisages Development of Economic Corridors, Inter-corridors, feeder routes and Coastal Road to improve the efficiency of freight movement in India (Lot-3/Odisha & Jharkhand/Package-2) Raipur-Vishakhapatnam (Ch. 0.000 - Ch. 124.661) in the State of Chhattisgarh under Bharatmala Pariyojana. (Forest Proposal is for between km 42+844 to Km 124.661), under Forest Conservation Act 1980, in favour of NHAI PIU Dhamtari District in the State of Chhattisgarh. The total forest area proposed for diversion is 228.0425 ha.	Noted and User agency fully agreed with the committee proceedings and understood that Forest Clearance has been accorded for 228.0425 hectare of forest land. Also, as per demand note of the concerned Forest Division Dhamtari issued vide letter no. चि./जी/2526 dt.09.05.2022, demand amount Rs 818152379/- is deposited in CAMPA.  May please refer <b>Attachment-1</b> Receipt of payment
(ii)	The Committee noted that the instant proposal was placed before the REC in its meeting dated 5.04.2022, wherein, the Committee approved the proposal subject to general, standard, and additional conditions. Accordingly, IRO, Raipur has accorded approval vide letter dated 12.04.2022.	<b>Noted and stipulated conditions will be complied.</b> User agency understood that any conditions stipulated in stage-I approval vide letter no: - FC-III/ROCH-04/2022/673 dated 12/04/2022 contradict with conditions stipulated in 7th REC-Chhattisgarh meeting dated 24-05-2022 and issued vide letter no- F.No. FC-III/ROCH-04/2022 with will be superseded by the stipulated condition Issued vide letter no- F.No. FC-III/ROCH-04/2022 dated 24-05-2022.
(iii)	The Committee was further apprised that observed that it has been observed later on that the Site Inspection Report after the inspection of proposed area by the IRO has not been submitted. However, as the proposed area under the instant case is more than 100 ha, submission of the Site Inspection Report after inspecting the proposed area by the IRO is mandatory as per Rule 7(h) of Forest (Conservation) Amendment Rules, 2016.	Noted and User agency fully agreed with the committee proceedings.
(iv)	The Committee was further noted that it	Noted and User agency fully agreed with the committee

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	was a procedural mistake as the site inspection is mandatory under the Rules. The Committee was apprised that the Site Inspection has been conducted by the IRO and report has been submitted. The DIG (C), IRO, Raipur apprised the Committee that all facts as mentioned in the Form-A of proposal were inspected and no specific observation were found during inspection. It was further submitted that the CA sites identified for raising CA were also found suitable for raising plantation.	proceedings.
(v)	The Committee further opined that as the proposed alignment passes through the notified tiger corridor by the NTCA, the proposal needs the Wildlife Clearance and accordingly suggested that User Agency shall take the permission from NBWL.	<b>Agreed and being complied.</b> Project road alignment cross Indravati-Udanti-Sitanadi-Sunabeda Tiger Corridor between km 105+000 to Km 108+500. Wildlife Clearance is accorded in 72nd meeting of standing committee of National Board for Wildlife dated 11 <sup>th</sup> May 2023 (WL-06/20/2023-WL)  <b>Attachment-2 Wildlife clearance letter.</b>
(vi)	It was also informed to the Committee that instant exercise was only done by the IRO, Raipur to correct its earlier committed procedural mistake and no other documentary/technical parameters of proposal were re-examined/reconsidered.	<b>Agreed and noted.</b>
2	After detailed discussion, the Committee appreciated the early notice of procedural mistake by the IRO, Raipur as ensuring strict compliance of all the relevant Acts and Rules is utmost important for any Government Agency. The Committee further opined that the IRO should ensure complete scrutiny of proposals prior to its submission before the Committee. The Committee accordingly decided that the Stage-I approval to instant proposal shall be regularized, and the User Agency shall also obtain the clearance from the NBWL.	<b>Agreed and Noted</b>  Further, to state that Wildlife Clearance is accorded in 72th meeting of standing committee of National Board for Wildlife dated 11 <sup>th</sup> May 2023 (WL-06/20/2023-WL)  <b>Attachment-2 Wildlife clearance letter.</b>
<b>Compliance of additional condition stipulated conditions in IRO-Raipur letter no.FC-III1/ROCH-04/2022/991 dated 27-10-2022.</b>		
A	Joint site inspection of the proposed project area shall be done by the IRO, Raipur with one or more REC members, representative of the State Forest Department and NHAI officials to ascertain trees to be felled in the ROW of 45m and to minimize the trees to be sacrificed.	<b>Agreed and noted.</b>  In pursuance of decision of REC meeting dated 20.10.2022 and direction of Inspector General of Forests, IRO, Raipur through letter No.FC-Misc/01/IRO-RPR/2021/1005 dated:02/11/2022, DIG Forest inspected the proposed area of diversion of 228.0426 ha falling in Forest Divisions of Dhamtari, Kanker and Keshkal along with Shri. Suresh Chopane REC member, representatives of User agency (NHAI) and representatives of Chattisgarh State Forest Department on 05.11.2022 and 06.11.2022.

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		Further the inspection report is presented in 12th REC meeting dated 29.11.2022 and decision was taken to allow the felling of standing tree located within 45-meter RoW.
B	Trees of small girth among the enumerated 87613 trees shall be tried for tree translocation/ transplantation, especially the ones like <i>Terminalia tomentosa</i> , <i>Pterocarpus margi</i> , <i>Tectonagrandis</i> and <i>Shorea robusta</i> , which have very slow growth.	<b>Agreed and noted.</b>  Project Proponent is agreeing for translocation/transplantation of small trees mainly <i>Terminalia tomentosa</i> , <i>Pterocarpus margi</i> , <i>Tectonagrandis</i> and <i>Shorea robusta</i> , subjected to feasibility and viability ascertained by the concerned Forest Department.
C	Standard Operating Procedure (SoP) suggested by MoEF&CC vide its No-7-12/2022-ROHO (Pt) dated 11/10/2022 will be followed by the U/A.	<b>Noted and agreed.</b> User agency will follow all the stipulated conditions and guidelines of Standard Operating Procedure (SoP) suggested by MoEF&CC vide its No-7-12/2022-ROHO (Pt) dated 11/10/2022.
D	10 times the trees felled beyond 30m-Row will be planted by the User agencies as avenue plantation or otherwise.	<b>Agreed and will be complied.</b>  User agency fully agreed to plant 10 times of the trees felled beyond 30m that is 7.5 meter either side of project road alignment. All the cost against plantation of these tree will be borne by the Project Proponent.
<b>Compliance of additional condition stipulated conditions in IRO-Rajpur letter no.FC-III/1IROCH-04/2022/1083 dated 02-12-2022</b>		
A	The Committee approved the proposal for felling of trees in 45m RoW of the project, the User agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department.	<b>Agreed and will be complied.</b> Tree felling will be accomplished under closed supervision of the concerned Forest officials.  Considering the road geometry requirement pertain to road user safety, effort will be made by the User Agency for minimum tree felling within 45 meter PRow. All the tree felling will be done under close supervision of the concerned Forest official.
B	In lieu of the translocation, block plantation of 10 times of trees felled in RoW beyond 30m will be carried out in the nearby area/Divisions identified by Forest Department. The block plantation will consist particularly of the slow-growing trees <i>Shorea robusta</i> , <i>Pterocarpus marsupium</i> and <i>Terminalia tomentosa</i> . The plantations will be facilitated by drip-irrigation and intensive care to ensure their survival. Henceforth, the plantations will be raised by the Forest Department instead of the NHAI to ensure better success. All costs including maintenance will be borne by the User	<b>Agreed and will be complied.</b>  Translocation and transplantation of eligible trees particularly slow-growing trees <i>Shorea robusta</i> , <i>Pterocarpus marsupium</i> and <i>Terminalia tomentosa</i> will be done under the close supervision and direction of the concerned forest officials. The land for block plantation in close vicinity will be selected and provided by the concerned forest department. User Agency agreeing to facilitate and bear the cost of transplantation/translocation of tree located beyond 30-meter PRow and within 45 meter as condition stipulated.

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	Agency and in every six month a report will be submitted to the Regional Office of MoEF&CC, Raipur.	
C	Avenue plantations of 10 times of trees felled in 30 m RoW will be raised by the User agencies at their own cost.	<p><b>Agreed and will be complied.</b></p> <p>The available road length of avenue plantation (other than forest area) is 33.937 km which can accommodate (as per IRC:SP:21:2009) approx. 500 trees in 2 row plantation either side at plant to plant interval 8 meter. In such a way in 32 km road (excluding opening width of cross drainage approx. 2 km) a total 500 tree x 32 km= 16,000 trees can be planted. Since, the joint enumeration of tree is completed for 45-meter proposed RoW in Forest Area, the exact number of tree felled within 30 Meter RoW will be established after all the tree are felled under supervision of the concerned Forest Department. If the number of felled trees is more than 16000.0 (Sixteen thousand) then to comply this condition, User Agency will plant the remaining tree in land provided by the Forest Department.</p>
<b>Stage-I Stipulated conditions-issued vide letter no FC-III /IROCH-04/2022/1450 dated 04/07/2023</b>		
1	The user agency must ensure fencing of remaining length of the road passing through the forest in order to avoid any collision. It shall also comply with all the mitigation measures suggested by WII.	<p><b>Agreed and will be complied.</b></p> <p>This to undertake that once the civil work is completed, fencing will be done under supervision of forest/wildlife department along the project road stretches, passing through Forest Area.</p>
2	The Construction work shall be allowed from dawn to dusk only.	<p><b>Agreed and will be complied.</b></p> <p>This to undertake that all the construction work will be limited between dawn and dusk only along/near the forest area to avoid any inconvenience to wild animal.</p>
3	Any other condition imposed from time to time by forest department.	<p><b>Noted and will be complied.</b></p> <p>This is to undertake that all the condition-imposed time to time by the concerned forest and wildlife department will fully adhere by Project Proponent.</p>
4	There shall be caution sign boards at every 500 meters about animal passing, restriction on feeding animals, garbage dumping, no stopping/honking and hunting etc. as per the advice of forest department.	<p><b>Agreed and will be complied.</b></p> <p>Being a highway project, all the safety features including caution board, information board will be installed at appropriate location as per IRC guideline (IRC: SP: 55:2015 &amp; IRC: SP:67-2012) and as per suggestions of concerned forest department to aware the drivers and other road users specially keeping in view of presence of wild animal in/along the forest area.</p>
5	All forest patches within ESZ and wildlife corridor not covered under clear opening of mitigation structures shall be provided with a small pipe/CC culvert at every 100 meters (where there are no existing/proposed cross drainage structures) for the movement of reptiles, amphibians, and small animals.	<p><b>Agreed and will be complied.</b></p> <p>Keeping in view of wild animal protection, 26 nos. of dedicated underpasses for wild animal, one tunnel having length 2.79km and 3 viaducts having total length 960 meter along with 29 nos. of Monkey Canopy, 5 nos. of Major Bridges, 37 nos. of Minor Bridges, 3 nos. Viaduct, 14 nos. of VUP, 2 nos. VOP, 33 nos. of LVUP and 233 nos. of Box culverts are already provisioned in project. Design of these structures are already</p>

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		<p>finalized and will be constructed while executing the project. Further as per stipulated condition no. 1 of Wildlife Clearance which reads "The Animal Passage Plan needs to be examined by WII", WII official Dr. Bivash Pandav, Scientist G of WII visited the project site on 12<sup>th</sup> and 13<sup>th</sup> June 2023 and comments and recommendation shows that "The extent and structural design of the proposed mitigation measures are adequate. The mitigation measures proposed effectively covers a distance of 3.79 km in a forest patch of 6.54 km. The user agency must ensure fencing of remaining length of the road passing through the forest in order to avoid any collision with wild animals.</p> <p>As compliance of this stipulated condition, Project Proponent is agree to provide pipe/box culvert at every 100 meter as per site suitability in road stretches located in ESZ/ wildlife corridor for the smooth movement of small animals (reptiles, amphibians, and other small animals)</p> <p><b>Also, please refer Attachment-6, WII recommendation report</b></p>
6	Underpasses will also have integrated options of light and sound barriers, camouflaging, and landscaping including restoration of habitat beneath underpasses after construction for the forest patch through which corridor is passing.	<p><b>Agreed and will be complied.</b></p> <p>Provision is already made in Wildlife conservation plan for providing integrated light and sound barrier above the all underpasses located in Forest/Wildlife Area.</p> <p>Camouflage/cryptic coloration and site-specific landscaping will be provided at all dedicated underpass for wild animal under close supervision of the concerned Forest/Wildlife official.</p>
7	There will not be a right of passage to the public via the underpass.	<p><b>Agreed and will be complied.</b></p> <p>It will be insured that no approach road/ access road connects the dedicated underpass so these underpasses should only be used for wild animal.</p>
8	The Chief Wildlife Warden should have an adequate monitoring mechanism in place.	<p><b>Noted</b></p> <p>The compliance of this stipulated condition is to be made by the office of Chief Wildlife Warden.</p>
9	An annual compliance certificate on the stipulated conditions shall be submitted by the project proponent to the State Chief Wildlife Warden and an annual compliance certificate shall be submitted by the State Chief Wildlife Warden to Government of India.	<p><b>Agreed and will be complied.</b></p> <p>From the date of award of stage-II, annual compliance on stipulated condition of Forest clearance will be submitted to the State Chief Wildlife Warden.</p>

Date: - 11/09/2023

Place: - Dhamtari

Project Director  
NHAI-PIU, Dhamtari, Chhattisgarh  
Name: - Pankaj Ojha

Signature & Seal