



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

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NHAI/11011/5/FOREST/2024/PIU/CDL/490

01 April 2024

To

The Divisional Forest Officer

Rairangpur Forest Division

Mayurbhanj, Odisha

Sub.: Diversion of 32.225 ha of forest land (diversion of 17.795 ha of forest land + re-diversion of already diverted 14.43 ha) for Baharagora to Singhara Section of NH-6 (New NH-49) for Rehabilitation and Up-gradation to four laning of 7.6 km stretch (Km 229.000 to Km 236.600) inside buffer zone of Similipal Tiger Reserve in the state of Odisha under NHDP Phase IV on EPC Mode [Proposal no. FP/OR/ROAD/148087/2021] - **Submission of Stage I Compliance**

Ref.: Integrated Regional Office, MoEF&CC, Bhubaneswar Letter No. 5-ORC597/2023-BHU dated 31st October, 2023

Sir

With reference to the above, point-wise reply to the Stage I conditions is being submitted as under.

A. Conditions which need to be complied prior to handing over of forest land by the State Forest Department

Sl. No.	Condition	Compliance
i)	The user agency shall transfer online, the Net Present Value (NPV) of 17.795 ha fresh forest land being diverted under this proposal, as per the Orders of Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No.202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2011-FC(Vol-I) dated 06.01.2022 and 22.03.2022. The requisite funds shall be transferred through online portal in CAMPA account of the State Concerned.	The Net Present Value (NPV) of 17.795 ha fresh forest land being diverted under this proposal amounting to Rs. 2,83,97,083 has been deposited through the online portal in State CAMPA Account on 05.01.2024 by NEFT/RTGS vide Transaction no. CNRBR52024011271673436. Transaction amount = Rs. 4,51,16,783 [Rs. 2,83,97,083 (NPV) + Rs. 1,67,19,700 (cost of CA)] The user agency is enclosing copy of e-challan for the transaction bearing seal and signature of the bank as

		Annexure-1.
ii)	The identified degraded forest land (DLC) over 35.787 Ha for raising compensatory afforestation shall be transferred and mutated in the name of Forest Department and notified as RF/PF prior to Stage-II approval.	Pertains to Forest Department
iii)	The land identified for the purpose of Compensatory Afforestation shall be clearly depicted on a Survey of India Topo sheet of 1 : 50,000 scale.	The land identified for the purpose of Compensatory Afforestation clearly depicted on a Survey of India Toposheet of 1:50,000 scale is enclosed as Annexure-2.
iv)	The KML Files of the area to be diverted and the CA areas shall be uploaded on the e-Green watch portal with all requisite details before issuing working permission towards linear projects or submitting compliance report for seeking Stage-II approval, as the case may be.	Pertains to Forest Department
v)	The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The Scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.	<p>The cost towards Compensatory Afforestation as determined by the forest department amounting to Rs. 1,67,19,700 has been deposited through the online portal in State CAMPA Account on 05.01.2024 by NEFT/RTGS vide Transaction no. CNRBR52024011271673436.</p> <p>Transaction amount = Rs. 4,51,16,783 [Rs. 2,83,97,083 (NPV) + Rs. 1,67,19,700 (cost of CA)]</p> <p>The user agency is enclosing copy of e-challan for the transaction as Annexure-1</p>
vi)	All the funds received from the user agency under the project shall be transferred / deposited in CAMPA account only through e-portal (https://parivesh.nic.in/). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.	<p>All funds required to be deposited by the user agency under the project will be deposited in CAMPA account only through e-portal (https://parivesh.nic.in/).</p> <p>An undertaking in this regard is being enclosed as Annexure-3</p>

vii)	The compliance report of the Stage-I approval shall be uploaded on e-portal (https://parivesh.nic.in/).	The compliance report of the Stage-I approval will be uploaded on the e-portal (https://parivesh.nic.in/). An undertaking in this regard is being enclosed as Annexure-4
viii)	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector.	The section of NH-6 is a part of the construction package "Four laning from Baharagora (km 199.200) to Singhara (km 310.806), for which 85.14 ha forest land was required. Out of these, 17.795 ha being diverted through proposal under consideration while Stage II clearance has already been accorded for the remaining stretch. FRA certificate was obtained for the entire land requirement from District Collector, Mayurbhanj vide letter no. 1711 dated 13.06.2016 and letter no. 304 dated 03.02.2017. The FRA Certificates are being attached as Annexure-5
ix)	The boundary of the proposed forest land for diversion, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates.	The user agency will ensure that the boundary of the proposed forest land for diversion is demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates. An undertaking in this regard is being enclosed as Annexure-6

B. Conditions which need to be strictly complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking shall be submitted prior to Stage-II approval.

Sl. No.	Condition	Compliance
i)	Legal Status of forest land proposed	The user agency certifies that the legal

	for diversion shall remain unchanged.	status of the forest land proposed for diversion will remain unchanged. An undertaking in this regard is being enclosed as Annexure-7
ii)	The State Govt. and user agency shall comply with the following conditions imposed by NBWL vide letter No. WL-6/74/2023-WL dated 26.09.2023.	The user agency certifies that it will comply with all the conditions imposed by NBWL vide letter No. WL-6/74/2023-WL dated 26.09.2023. An undertaking in this regard is being enclosed as Annexure-8
a)	The trees required to be felled for the project shall be identified in consultation with the Forest Department before the construction starts and should be properly marked on ground. Attempt shall be made that tree cutting is minimal. The User Agency shall transplant the trees with adequate care for maximization of survival in consultation with the DFO Rairangpur Division as far as possible.	The tree required to be felled (11,142 no.s trees and 9,120 no.s saplings) have been identified and properly marked in consultation with the Forest Department. The user agency certifies that all possible attempts shall be made so that the tree cutting is minimal. The user agency will transplant the trees with adequate care for maximization of survival in consultation with the DFO Rairangpur Division as far as possible. An undertaking in this regard is being enclosed as Annexure-9
b)	The User Agency shall construct Elephant Under Passes (EUPs) and Animal Under Passes (AUPs) at the identified vulnerable locations as per "Guidelines of Wildlife Institute of India, Dehradun on Mitigative Measures for Linear Infrastructure Projects" after obtaining prior approval of the plan and design from the CWLW, for adaptability of the structures by the Wildlife to facilitate unhindered movement of wild animals.	The user agency will construct Elephant Under Passes (5 nos) and Animal Under Passes (14 no.s) at the identified locations as directed by NTCA Committee after obtaining prior approval of the plan and design from the CWLW, for adaptability of the structures by the Wildlife to facilitate unhindered movement of wild animals. An undertaking in this regard is being enclosed as Annexure-10(a) and the Site Inspection Report of NTCA committee is enclosed as Annexure-10(b) .
c)	The User Agency shall provide animal passage structures in 20% of the stretch of the project area.	The user agency will provide animal passage structures in 20% of the stretch of the project area. An undertaking in this regard is being

		enclosed as Annexure-11
d)	Retro Reflecting signages shall be erected by the User Agency at regular intervals to slow down the speed of vehicles at animal crossing points besides providing visual and sound barriers in addition to olfaction & other sensory enhancers as mentioned in the above guidelines.	Retro Reflecting signages will be erected at regular intervals to slow down the speed of vehicles at animal crossing points besides providing visual and sound barriers in addition to olfaction & other sensory enhancers as mentioned in "Guidelines of Wildlife Institute of India, Dehradun on Mitigative Measures for Linear Infrastructure Projects". An undertaking in this regard is being enclosed as Annexure-12
e)	The elephant and animal underpasses shall be concrete (RCC) structures so as to enhance their longevity and minimize the disturbances caused during annual repair / Maintenance of otherwise bitumen structures. The bottom of the structures shall, as far as possible, have similar substrates to that which would occur naturally in the absence of the structure. The approach to an animal crossing is a crucial factor in determining its use. Appropriate use of vegetation (trees, shrubs and grasses) can play a significant role in enhancing the naturalness of an engineered structure.	Elephant and animal underpasses will be concrete (RCC) structures so as to enhance their longevity and minimize the disturbances caused during annual repair / Maintenance of otherwise bitumen structures. The bottom of the structures will, as far as possible, have similar substrates to that which would occur naturally in the absence of the structure. An undertaking in this regard is being enclosed as Annexure-13
f)	Divisions between the elephant underpasses shall be of pillar (isolated pier) type, instead of wall-type.	The divisions between the elephant underpasses shall be of pillar (isolated pier) type, instead of wall-type. An undertaking in this regard is being enclosed as Annexure-14
g)	The User Agency shall ensure that all the underpasses are fortified with integrated options of light and sound barriers (2 m high), camouflaging and landscaping including restoration habitat beneath underpasses after construction.	The user agency will ensure that all the underpasses are fortified with integrated options of light and sound barriers (2 m high), camouflaging and landscaping including restoration habitat beneath underpasses after construction. An undertaking in this regard is being

		enclosed as Annexure-15
h)	As far as possible, the minimum height of the underpasses shall not be achieved by ground excavation, but by elevating the road. This would prevent water logging during rains.	The minimum height of the underpasses will not be achieved by ground excavation, but by elevating the road as far as possible to prevent water logging during rains. An undertaking in this regard is being enclosed as Annexure-16
i)	The User Agency shall ensure that the animal passages are not inundated with water during rains. Regular removal of debris and silts at the passage structures should be done by the User Agency.	The user agency will ensure that the animal passages are not inundated with water during rains and regular removal of debris and silts at the passage structures will be done. An undertaking in this regard is being enclosed as Annexure-17
j)	The underpasses shall be kept free of all human-related activities and disturbances including foot-trails and roads by Forest Department, as these have a negative influence on the use of crossing structures by wildlife.	Pertains to Forest Department
k)	Additional features on crossing structures such as walkways or planks/ledges/shelves (50 cm wide) shall be installed by the User Agency on the interior walls of underpasses and box culverts to encourage mammals to use culverts built on natural drainage sites. These structures help animals use the structures in seasons when the culverts may be inundated with water. Edges/shelves along the inner walls of all crossing and drainage structures shall be constructed for use by small mammals. These structures shall extend up to the exit of the structures and brought to ground level.	Additional features on crossing structures such as walkways or planks/ledges/shelves (50 cm wide) will be installed on the interior walls of underpasses and box culverts to encourage mammals to use culverts built on natural drainage sites. Edges/shelves along the inner walls of all crossing and drainage structures will be constructed for use by small mammals and these structures will extend up to the exit of the structures and brought to ground level. An undertaking in this regard is being enclosed as Annexure-18
l)	Chain link mesh fencing shall be done by the User Agency for 100 m on either side of the animal passages	The user agency agrees to this condition and certifies that chain link mesh fencing will be done for 100 m on either side of

	<p>(elephant and animal underpasses) on both sides of the road for funneling wildlife through the animal passages. A concrete base of 50 cm shall be constructed on which the chain-link mesh fencing should be installed. The height of the fencing shall be a minimum of 10 feet height on all sections so that the species like leopards and other herbivores cannot cross them to get trapped inside the highway. The bottom 1 - 1.5 feet of the fences shall be fitted with mesh wires so as to prevent small mammals and herpetofauna from crossing the highway. All fences shall be maintained in future by the User Agency. Remaining portions of the highway shall have crash barriers on both sides of the road.</p>	<p>the animal passages (elephant and animal underpasses) on both sides of the road for funneling wildlife through the animal passages. A concrete base of 50 cm will be constructed on which the chain-link mesh fencing should be installed. The height of the fencing will be a minimum of 10 feet height on all sections so that the species like leopards and other herbivores cannot cross them to get trapped inside the highway. The bottom 1 - 1.5 feet of the fences will be fitted with mesh wires so as to prevent small mammals and herpetofauna from crossing the highway. The user agency also agrees to maintain all fences in the future and remaining portion of the highway will have crash barriers on both sides of the road.</p> <p>An undertaking in this regard is being enclosed as Annexure-19</p>
m)	<p>Cattle guards (2 m wide) shall be installed at both ends of the underpasses (including the fenced portions) and other fenced sections of the Highway to prevent wild and domestic animals from getting trapped within the fences/crossing structures.</p>	<p>The user agency agrees to this condition and certifies that cattle guards (2 m wide) will be installed at both ends of the underpasses (including the fenced portions) and other fenced sections of the Highway to prevent wild and domestic animals from getting trapped within the fences/crossing structures.</p> <p>An undertaking in this regard is being enclosed as Annexure-20</p>
n)	<p>Apart from mitigation structures and fenced sections, the remaining portion of the road (where it passes through a flat terrain) shall be provided with rumble strips at regular intervals so as to maintain a vehicular speed of 30km/hour within the Tiger Reserve. Rumble strips shall be appropriately marked to make them visible to the drivers (both day and night) so as to avoid vehicular accidents. Sign posts</p>	<p>The user agency agrees to this condition and certifies that apart from mitigation structures and fenced sections, the remaining portion of the road (where it passes through a flat terrain) will be provided with rumble strips at regular intervals so as to maintain a vehicular speed of 30km/hour within the Tiger Reserve. The rumble strips will be appropriately marked to make them visible to the drivers (both day and night) so as to avoid vehicular accidents. Sign</p>

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	warning about movements of wild animals shall also be placed by User Agency at regular intervals along the upgraded road. These shall be placed where wildlife crossings are maximum and shall be determined in consultation with Forest Department.	posts warning about movements of wild animals will also be placed at regular intervals along the upgraded road which will be placed where wildlife crossings are maximum and will be determined in consultation with Forest Department. An undertaking in this regard is being enclosed as Annexure-21
o)	Disturbance during construction in the wildlife sensitive areas shall be kept minimum by the following mechanisms: <ul style="list-style-type: none"> ✓ Use of pre-fabricated materials for construction. ✓ Use of water from sources other than the rivulets within Tiger Reserve ✓ Prohibition on procurement of construction materials from forest ✓ Disposal of construction-related debris away from the wildlife sensitive sites. 	The user agency agrees to this condition and certifies that disturbance during construction in the wildlife sensitive areas shall be kept minimum by the following mechanisms: <ul style="list-style-type: none"> ✓ Use of pre-fabricated materials for construction. ✓ Use of water from sources other than the rivulets within Tiger Reserve ✓ Prohibition on procurement of construction materials from forest ✓ Disposal of construction-related debris away from the wildlife sensitive sites. An undertaking in this regard is being enclosed as Annexure-22
p)	High observation towers and cameras as recommended during 8 th meeting of Standing Committee of State Board of Wildlife, Odisha on 25.04.2023, shall be constructed at suitable locations in consultation with Forest Department by User Agency, for monitoring of vehicular movement and prevention of any traffic congestion.	The user agency agrees to construct high observation towers and deploy cameras at suitable locations in consultation with Forest Department as recommended during 8 th meeting of Standing Committee of State Board of Wildlife, Odisha on 25.04.2023, for monitoring of vehicular movement and prevention of any traffic congestion. An undertaking in this regard is being enclosed as Annexure-23
q)	The User Agency shall deposit Rs 2 Crore annually to Similipal Tiger Conservation Foundation. The funds shall be used for monitoring and protection activities.	In compliance to stipulated condition, the user agency has deposited an amount of Rs. 2,00,00,000/- (2 crore) to the Chairperson, Similipal Tiger Conservation Foundation, Baripada in Savings Bank A/c no. 32106069386 (State Bank of India, Baripada) vide UTR No.

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		<p>EPV8PFMS010698101026202401300011 dated 30.01.2024.</p> <p>In this regard, NHAI PIU Chandikhole letter no. NHAI/11011/5/FOREST/2024/PIU/CDL/174 dated 02.02.2024 is being enclosed as Annexure-24</p>
r)	The CWLW, Odisha shall have appropriate monitoring mechanism in place for compliance of the conditions laid in this report during various phases of project implementation.	Pertains to Wildlife Department
s)	An annual compliance certificate on the stipulated conditions shall be submitted by the User Agency to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Government of India.	<p>Annual compliance certificate on the stipulated conditions shall be submitted by the User Agency to the State Chief Wild Life Warden.</p> <p>An undertaking in this regard is being enclosed as Annexure-25</p>
iii)	Compensatory afforestation shall be raised over 35.787 ha degraded forest land (DLC) identified in village Soso under Bahalda Tahasil of Mayurbhanj District under Rairangpur Forest Division within one years from the date of Stage-II Clearance and maintained thereafter by the State Forest Department, at the cost of user agency. The species to be planted in the CA scheme shall be of native species of the area. At least 18 month old seedlings should be planted. Intensive monitoring of the plantation needs to be done and documented using Geo tagging so that the increase of canopy density and survival of the growth of plantation can be evaluated at regular intervals.	<p>The user agency agrees to raise compensatory afforestation over 35.787 ha degraded forest land (DLC) identified in village Soso under Bahalda Tahasil of Mayurbhanj District under Rairangpur Forest Division within one years from the date of Stage-II Clearance to be maintained thereafter by the State Forest Department, at the cost of user agency. The species to be planted in the CA scheme will be native species of the area and at least 18 month old seedlings will be planted. Intensive monitoring of the plantation will be done and documented using Geo tagging so that the increase of canopy density and survival of the growth of plantation can be evaluated at regular intervals.</p> <p>An undertaking in this regard is being enclosed as Annexure-26</p>
iv)	At the time of payment of Net Present Value (NPV) at the then	The user agency agrees to this condition and is submitting an undertaking to pay

	prevailing rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.	the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India. AN undertaking in this regard is enclosed as Annexure-27
v)	The user agency shall carry out road side plantation on both sides of road in the entire project area as per IRC norms.	The user agency agrees to carry out road side plantation on both sides of road in the entire project area as per IRC norms. An undertaking in this regard is enclosed as Annexure-28
vi)	The user agency shall use fly ash for the road construction and for filling up of void created due to soil borrows which will be followed by compaction and spreading of top soil over it as per Fly Ash Notification No. S.O. 254 (E) dated 25.01.2016.	The user agency agrees to use fly ash for the road construction and for filling up of void created due to soil borrows which will be followed by compaction and spreading of top soil over it as per Fly Ash Notification No. S.O. 254 (E) dated 25.01.2016. An undertaking in this regard is enclosed as Annexure-29
vii)	The user agency shall submit an undertaking to ensure that the flanks of roads should be filled by transported soil and not with soil dug from the side of the roads.	The user agency will ensure that the flanks of roads will be filled by transported soil and not with soil dug from the side of the roads. An undertaking in this regard is enclosed as Annexure-30
viii)	The designing of new culverts/bridges and redesigning the existing ones over the natural streams/rivers/canals should be done in such a manner that it does not hamper the natural course of water, does not give rise to water logging, so that it does not hamper movement of wild animals including fishes and amphibians migration.	The designing of new culverts/bridges and redesigning the existing ones over the natural streams/rivers/canals will be done in such a manner that it does not hamper the natural course of water, does not give rise to water logging, and does not hamper movement of wild animals including fishes and amphibians migration. An undertaking in this regard is enclosed as Annexure-31
ix)	Speed regulating signages will be erected along the road at regular intervals in the Protected Areas/Forest Areas.	Speed regulating signages will be erected along the road at regular intervals in the Protected Areas/Forest Areas. An undertaking in this regard is enclosed

		as Annexure-32
x)	The user agency shall provide suitable under/over pass in Protected Area/Forest Area as per recommendations of NBWL.	The user agency agrees to this condition and certifies that it will provide suitable under/over pass in Protected Area/Forest Area as per recommendations of NBWL. An undertaking in this regard is enclosed as Annexure-33
xi)	The user agency shall obtain Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if applicable.	This project does not require Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986 along with EIA Notification 2006 and its subsequent amendments. However, if applicable in the future, the user agency undertakes to obtain Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986. An undertaking in this regard is enclosed as Annexure-34
xii)	No labour camp shall be established on the forest land and the user agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.	No labour camp will be established on the forest land and the user agency will provide fuels, preferably alternate fuels, to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas. An undertaking in this regard is enclosed as Annexure-35
xiii)	No additional or new path will be constructed inside the forest area for any activity related to the project work.	No additional or new path will be constructed inside the forest area for any activity related to the project work. An undertaking in this regard is enclosed as Annexure-36
xiv)	The user agency while executing works, shall not fell any tree or damage forest growth in the surrounding forest area in any manner.	The user agency certifies that it will not fell any tree or damage forest growth in the surrounding forest area in any manner while executing the works. An undertaking in this regard is enclosed as Annexure-37
xv)	The layout plan of the proposed forest land shall not be changed	The layout plan of the proposed forest land will not be changed without the prior

	without the prior approval of Ministry of Environment, Forest & Climate Change.	approval of Ministry of Environment, Forest & Climate Change. An undertaking in this regard is enclosed as Annexure-38
xvi)	The forest land shall not be used for any purpose other than that specified in the proposal.	The forest land will not be used for any purpose other than that specified in the proposal. An undertaking in this regard is enclosed as Annexure-39
xvii)	The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, department or person without the prior approval of Ministry of Environment, Forest and Climate Change.	The forest land proposed to be diverted will under no circumstances be transferred to any other user agency, department or person without the prior approval of Ministry of Environment, Forest and Climate Change. An undertaking in this regard is enclosed as Annexure-40
xviii)	No damage to the flora and fauna of the adjoining area shall be caused.	No damage will be caused to the flora and fauna of the adjoining area. The undertaking is being submitted as Annexure-41
xix)	The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.	Pertains to Forest Department
xx)	The user agency shall submit annual self monitoring report on compliance of stipulated conditions to the Nodal Office (FCA) of the State and concerned Integrated Regional Office of this Ministry by the end of March every year.	The user agency certifies that it will submit an annual self-monitoring report on compliance of stipulated conditions to the Nodal Office (FCA) of the Odisha and Integrated Regional Office, Bhubaneswar by the end of march every year. An undertaking in this regard is enclosed as Annexure-42
xxi)	Any other conditions that the Ministry of Environment, Forest and Climate Change may impose from time to time in the interest of	The user agency certifies that it will comply with any other conditions that the Ministry of Environment, Forest and Climate Change may impose from time to

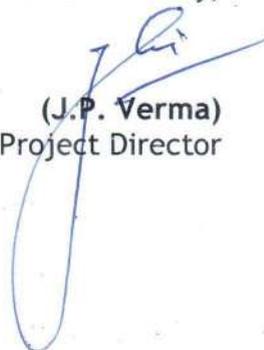
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	afforestation, conservation and management of flora and fauna in the area, shall be complied by the user agency.	time in the interest of afforestation, conservation and management of flora and fauna in the area. An undertaking in this regard is enclosed as Annexure-43
xxii)	The State Govt. and user agency shall ensure compliance to provisions of the all Acts, Rules, Regulation, Guidelines, NGT Order(s) & Hon'be Court Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project.	The user agency certifies that it will ensure compliance to provisions of the all Acts, Rules, Regulation, Guidelines, NGT Order(s) & Hon'be Court Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project. An undertaking in this regard is enclosed as Annexure-44
xxiii)	Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in Para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No.5-2/2017-FC dated 28.03.2019.	The user agency agrees to this condition and understands that violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 for which action would be taken as prescribed in Para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by MoEFCC letter No.5-2/2017-FC dated 28.03.2019. An undertaking in this regard is enclosed as Annexure-45

It is therefore, requested to kindly process the proposal at the earliest for grant of Stage II for the subject project.

Encl.: As above

Yours faithfully,


(J.P. Verma)
Project Director

AGENCY COPY



 यूनियन बैंक ऑफ इंडिया Union Bank of India




NEFT / RTGS CHALLAN for CAMPA Funds

Date : 05-01-2024

Agency Name.	NATIONAL HIGHWAY AUTHORITY OF INDIA PIU BALASORE
Application No.	61148087192
MoEF/SG File No.	5-ORC597/2023-BHU
Location.	ORRISA
Address.	O.T. Road, Near White House Clinic Balasore
Amount(In Rs)	45116783/-

Amount In Words :Four Crore Fifty-One Lakh Sixteen Thousand Seven Hundred and Eighty-Three Rupees Only

NEFT/RTGS to be made as per following details;

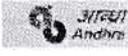
Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	1508261148087192 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India FCS Centre,21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY



 यूनियन बैंक ऑफ इंडिया Union Bank of India




NEFT / RTGS CHALLAN for CAMPA Funds

Date : 05-01-2024

Agency Name.	NATIONAL HIGHWAY AUTHORITY OF INDIA PIU BALASORE
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Location.	ORRISA
Address:	O.T. Road, Near White House Clinic Balasore
Amount(In Rs)	45116783/-

Amount in Words :Four Crore Fifty-One Lakh Sixteen Thousand Seven Hundred and Eighty-Three Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	1508261148087192 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

Note:After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference Id to Email: fcsblr@unionbankofindia.bank , epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

UTR No - CNPBR5202401271673436


 अधिकारी/Officer
 चण्डिकोल शाखा
 Chandikhole Branch

By-Email

Dt. 20.11.2023

By-Email



ବନଶାସ୍ତ୍ର ଅଧିକାରୀଙ୍କ କା-ପ୍ୟାଳସ, ରାଜରାଜପୁର ବନଶାସ୍ତ୍ର
OFFICE OF THE DIVISIONAL FOREST OFFICER, RAIRANGPUR DIVISION
 Tel. No.:- (06794) - 222036 (O) 222008 (R) FAX No.:- (06794) - 222836, e-mail-dforrp@gmail.com

Letter No. 4231 /Dt. 20.11.2023

To

The Project Director, National Highway Authority
of India Project Implementation Unit, Balasore.

Sub:-

Diversion of 32.225 ha. of forest land (diversion of 17.795 ha of Forest land + re-diversion of already diverted 14.43 ha) from Bahargoda to Singhara Section for Rehabilitation & Upgradation to four laning of 7.6 KM stretch (KM 229.00 to Km 236.600) inside buffer zone of Similipal Tiger Reserve of NH-6 in the State of Odisha under NHDP Phase- IV regarding – Compliance of Stage-I Approval, Demand for approved Cost for Compensatory Afforestation Scheme and the NPV in Stage-I Principle Conditions.

Ref:-

- 1- Letter No. 5-ORC597/2023-BHU dated 31.10.2023 of Deputy Inspector General of Forests (Central), Gol, MoEF & CC, Regional Office, Bhubaneswar.
- 2- Memo No. 21691 dt. 06.11.2023 of the Conservator of Forests (Nodal) O/o the Principal Chief Conservator of Forests Odisha, Bhubaneswar.
- 3- Memo No. 5040 dt.17.11.2023 of FD, STR -Cum- RCCF, Baripada & this office Memo No. 5078 dt.13.11.2023.

Sir,

With reference to memo nos. cited above on the captioned subject, you are requested to submit point wise compliance of conditions stipulated in Stage-I / principle approval accorded vide No. 5-ORC597/2023-BHU dated 31.10.2023 of Deputy Inspector General of Forests (Central), Gol, MoEF & CC, Regional Office, Bhubaneswar for diversion of 32.225 ha. forest land (diversion of 17.795 ha of Forest land + re-diversion of already diverted 14.43 ha) for Rehabilitation & Upgradation to four laning of 7.6 KM stretch (KM 229.00 to Km 236.600) inside buffer zone of Similipal Tiger Reserve of Bahargoda to Singhara Section (KM 199.200 to KM 310.806) of NH-6 in the State of Odisha under NHDP Phase IV on EPC mode by the PD, NHAI, Balasore alongwith 5 sets of documents / undertaking duly ink signed with seal by the User Agency to this office immediately for submission to higher quarters and also submit scan copies in PDF format of documents / undertakings submitted by you in pen drive with all the compliance report.

1. Rs.1,67,19,700/- (Rupees one crore sixty seven lakh nineteen thousand seven hundred) only towards approved Compensatory Afforestation Scheme over an area of 35.787 ha. identified in village Soso under Bahalda Tahasil approved by PCCF, Odisha, Bhubaneswar vide Memo No. 21691 dt.06.11.2023 (copy enclosed) as per condition No. A (v) stipulated in Stage-I / principle approval Letter No. 5-ORC597/2023-BHU dt. 31.10.2023, Gol, MoEF & CC, Regional Office, Bhubaneswar.
2. Rs.2,83,97,083.05 or Rs. 2,83,97,083/- (Rupees Two Crore eighty three lakh ninety seven thousand eighty three) only towards the Net Present Value @ Rs. 15,95,790/- per ha. against the proposal for diversion of 17.795 ha. of forest land as per condition No. A (i) stipulated in Stage-I / principle approval Letter No. 5-ORC597/2023-BHU dt. 31.10.2023, Gol, MoEF & CC, Regional Office, Bhubaneswar.

Contd.../P-2

Sl. No.	Particulars	To be diverted forest land (In Hec.)	Stage- I/ in - Principle Condition No.	Eco-Value Class of the forest crop	Canopy density of the forest crop	Revised rate of NPV/per hec. (in Rs.)	Total amount already applicable, as per revised rate of NPV (in Rs.) (Col. No. 3 x 7 = 8)
1	2	3	4	5	6	7	8
1	Net Present Value (NPV)	17.795	A.i	Eco-class-I	0.8	15,95,790/-	2,83,97,083.05 or 2,83,97,083/-

3. The User Agency is requested to deposit 2 crore annually to Similipal Tiger Conservation Foundation as per the conditions No. B (ii) (q) stipulated in Stage-I / principle approval Letter No. 5-ORC597/2023-BHU dt. 31.10.2023, GoI, MoEF & CC, Regional Office, Bhubaneswar the funds are to be used for monitoring and protection activities.

Further, you are requested to deposit all the amounts through web portal of MoEF & CC, online by the User Agency under CAMPA Account and the copy of e-challan bearing seal and signature of the bank, UTR No. to this office for record and reference.

This may be treated as most urgent.

Encl:- As above

Yours faithfully


Divisional Forest Officer,
Rairangpur Division.

Memo No. 5232 /Dt. 20.11.2023

Copy submitted to the Conservator of Forests (Nodal) O/o the Principal Chief Conservator of Forests Odisha, Bhubaneswar for information and necessary action with reference to his Memo No.21691 dt.06.11.2023.


Divisional Forest Officer,
Rairangpur Division.

Memo No. 5233 /Dt. 20.11.2023

Copy submitted to the Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Odisha Bhubaneswar for information and necessary action with reference to his Memo No.21692 dt.06.11.2023.

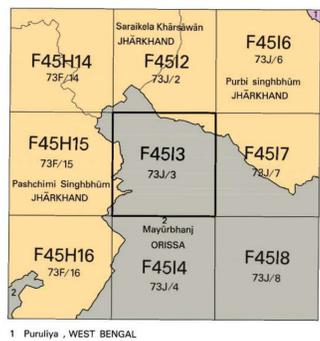

Divisional Forest Officer,
Rairangpur Division.

Memo No. 5234 /Dt. 20.11.2023

Copy submitted to the Field Director, Similipal Tiger Reserve-Cum- Regional Chief Conservator of Forests, Baripada for information and necessary action with reference to his Memo No. 21693 dt.06.11.2023 & your Memo No.5040 dt.17.11.2023


Divisional Forest Officer,
Rairangpur Division.

No. F4513
Scale 1:50,000



भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. Price : Rs. 50/-

CONVENTIONAL SYMBOLS

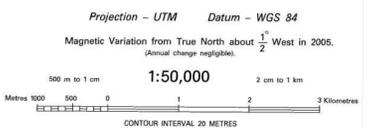
- Express highway: with toll; with bridge; with distance stone
- Road metalled: according to importance
- Roads double cartway: according to importance
- Unmetalled road, Cart-track, Pack-track with pass, Foot-path
- Stream: with track in bed; undrained Canal
- Dam: masonry or rock-filled; earthwork, Weir
- River: dry with water channel; with island & rocks; Tidal river
- Submerged rocks, Shoal, Swamp, Reeds
- Wells: lined; unlined; Tube-well; Spring; Tank; Perennial; dry
- Embankments: road or rail; tanks; Broken ground
- Railways, broad gauge: double; single with station; under constr.
- Railways, other gauges: double; single with distance stone; do
- Mineral line or tramway, Kln, Cutting with tunnel
- Contours with sub-features, Rocky slopes, Cliffs
- Sand features: (flats, Dunes, hills permanent), (Dunes, shifting)
- Towns or Villages: inhabited; deserted; Fort
- Huts: permanent; temporary; Tower, Antiquities
- Temple, Chhat, Church, Mosque, Idgah, Tomb, Graves
- Lighthouse, Lightship, Buoy, Lighted, unlighted, Anchorage
- Mine: Vise on trellis; Grass, Scrub
- Palms; other, Plantain, Conifer, Bamboo, Other trees
- Areas: cultivated; wooded; Surveyed tree
- Boundary: international
- state: demarcated; undemarcated
- district: subdivision, tahsil or silah; forest
- Boundary pillars: surveyed; unlocated
- Heights, triangulated; station; point; approximate
- Bench-mark: geodetic; tertiary; canal
- Post office, Telegraph office, Overhead tank
- Rest house or inspection bungalow, Circular house, Police station
- Camping ground, Forest: reserved; protected
- Special names: administrative; locality or Tribal
- Hospital, Dispensary, Veterinary Hospital / Dispensary
- Aerodrome, Helipad, Tourist site
- Power line: with pylons surveyed; with poles unsurveyed

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
The state boundary between Jharkhand and Orissa states has been surveyed as pointed out by the local officials on the ground but has not been verified by the Government concerned.
The heights shown in this sheet, except those of the spirit - levelled bench-marks are likely to be in error by plus 6 metres approximately.
Forest boundaries in this sheet have not been shown for want of reliable information.
The kilometre stone numbers along roads are shown in slant type, e.g. '5' where as milestone numbers are shown in upright type, e.g. '5'.
A relative height, -R, represents the approximate height, in metres, between the top and bottom of a steep slope.

COMPILATION INDEX

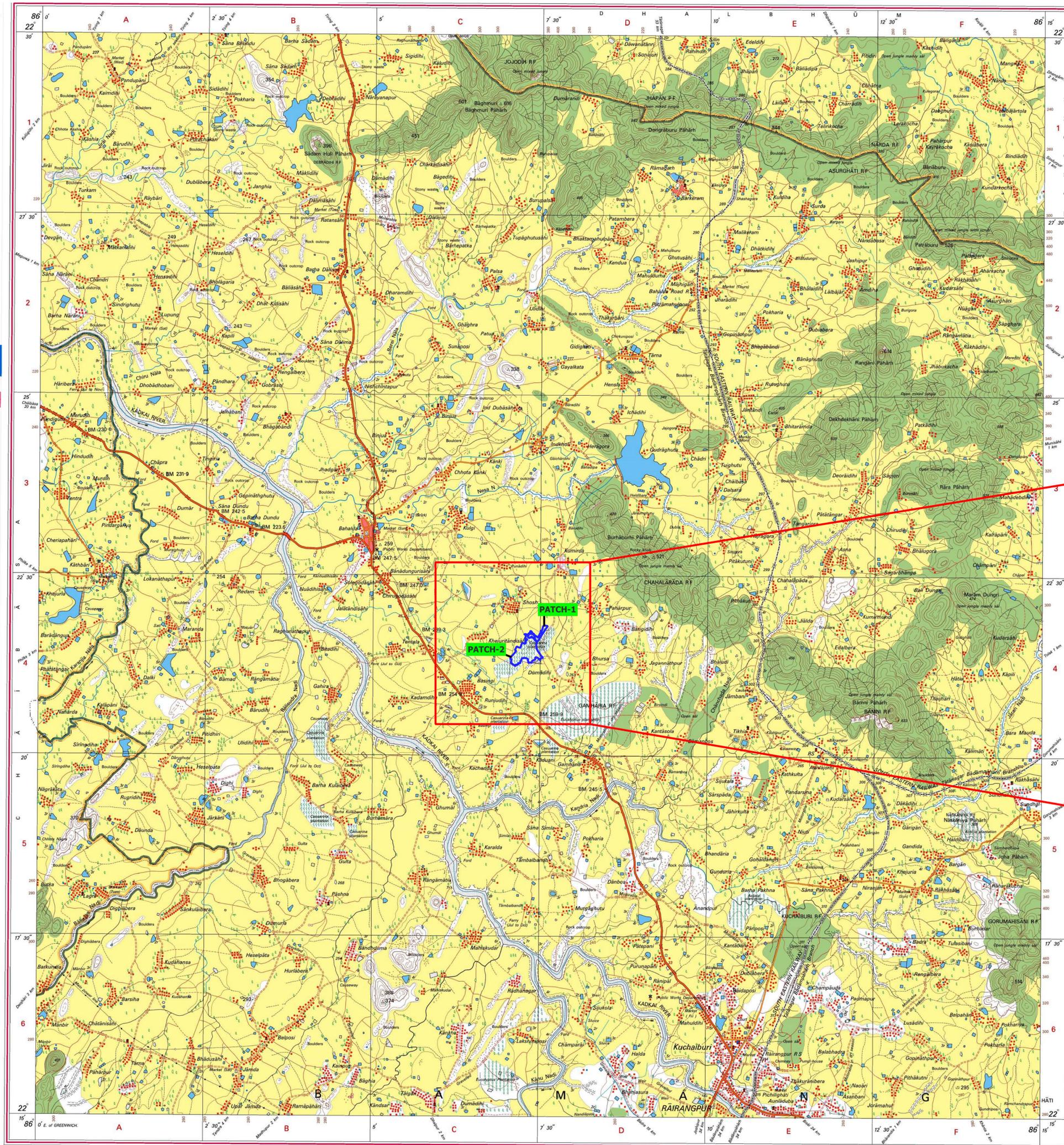
A. Surveyed during 1979-80. Update for major details from satellite imagery of 2007 during 2008-09.



For further details about this map, please contact
Director
Jharkhand Geo-Spatial Data Centre
Survey of India, Doraonda
Ranchi - 834002
Fax : 0651 - 2482789

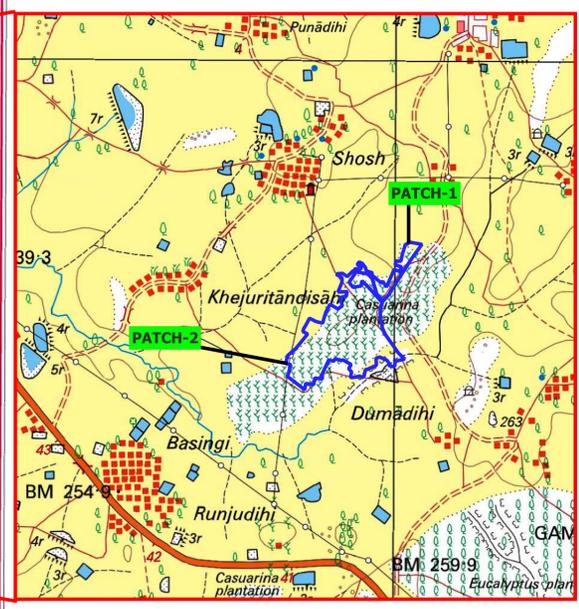
WEBSITE - www.surveyofindia.gov.in

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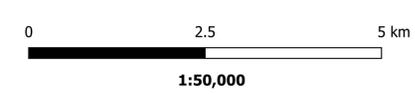
MAP SHOWING DEGRADED FOREST LAND (DLC) FOR COMPENSATORY AFFORESTATION IN VILLAGE SOSO UNDER BAHALDA TEHASIL IN MAYURBHANJ DISTRICT OF DFO RAIRANGPUR AGAINST DIVERSION OF 17.795 HA. FOREST LAND FOR REHABILITATION AND UPGRADEMENT TO FOUR LANING OF 7.6 KM STRETCH (KM 229.00 TO KM 236.600) INSIDE BUFFER ZONE OF SIMILIPAL TIGER RESERVE OF BAHARAGORA TO SINGHARA SECTION (KM 199.200 TO KM 310.806) OF NH-6 IN THE STATE OF ODISHA UNDER NHDP PHASE- IV

Annexure-2



CA LAND BOUNDARY

Patch	Required area in ac.	Required area in ha.
PATCH-1	9.633	3.898
PATCH-2	78.798	31.889
Total	88.431	35.787



PROJECT
Rehabilitation and Upgrade to Four laning of 7.6 km stretch (km 229.00. to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase - IV



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-3

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. A. vi)

The user agency undertakes that all funds required to be deposited by the user agency under the project will be deposited in CAMPA account only through e-portal (<https://parivesh.nic.in>).

Date:

Place: Chandikhole

(J.P. Verma)

Project Director

National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-4

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. A. vii)

The user agency undertakes that the compliance report of the Stage-I approval will be uploaded on the e-portal (<https://parivesh.nic.in/>).

Date:

Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole

MAYURBHANJ DISTRICT OFFICE : BARIPADA

No. _____ //Rev. Dt. _____ //

To

The Regional Chief Conservator of Forests,
Baripada Circle, Baripada.

Sub: - Issuance of Certificate for Diversion of Forest land for non-forest purpose under Forest Conservation Act, 1980- Scheduled Tribes and other Traditional Dwellers (Recognition of Forest Act) 2006 in connection with rehabilitation and up-gradation of Baharagora-Singara Section NH-6 from Km.200.000 to Km.566.000 in the State of Odisha under NHDP IV- B (Group B), Package No. OR/DPR/NHDP-IV/09 of Mayurbhanj District.

Ref: - Memo No.6181 Dt.9.3.2014 and Memo No.10398/9F(ET)-344/2014 Dt.20.6.2014 of the office of the Principal Chief Conservator of Forests, Odisha, Bhubaneswar to your address.

Sir,

In inviting reference to the letters on the subject cited above and in pursuance of Forest (Conservation) Amendment Rules, 2014 issued vide memo No.6181 Dt.9.3.2014 of the Principal Chief Conservator of Forests , Odisha, Bhubaneswar read with letter No.10398/9F(ET)-344/2014 Dt.20.6.2014 of the Addl. Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC Act, Odisha, Bhubaneswar, I am directed to forward herewith the Certificate (FRA) in Form -I (Annexure-I) for Linear Project, issued by the Collector and District Magistrate, Mayurbhanj vide No.1711/Rev. Dt.13.6.2016 for onward transmission to proper quarter for consideration of the Diversion proposal for the purpose of rehabilitation and up-gradation of Baharagora- Singara Section NH-6 from Km.200.000 to Km.566.000 in the State of Odisha under NHDP IV-B (Group B), Package No. OR/DPR/NHDP-IV/09 under jurisdiction of Saraskana, Bangiriposi, Bisoi, Jashipur, Sukruli and Karanjia Tahasils of Mayurbhanj District. Receipt of which may please be acknowledged.

Encl: - As above.

Yours faithfully

sd/-
Additional District Magistrate,
Mayurbhanj.

Memo No. _____ /Rev. Dt. _____ /

Copy alongwith copy of FRA Certificate (Form No. I) submitted to the Deputy Secretary to Govt., Revenue and Disaster Management Department, Odisha, Bhubaneswar for information and necessary action.

sd/-
Additional District Magistrate,
Mayurbhanj.

Memo No. _____ /Rev. Dt. _____ /

Copy alongwith copy of FRA Certificate (Form No. I) submitted to the Addl. Principal Chief Conservator of Forest, Forest Diversion & Nodal Officer, FC Act, Odisha, Bhubaneswar for information and necessary action with reference to their letter No.10398/9F (ET)-344/2014 Dt.20.6.14 and No.12961/9F (ET)-344/2014 Dt.4.8.2014.

sd/-
Additional District Magistrate,
Mayurbhanj.

Memo No. _____ /Rev. Dt. _____ /

Copy forwarded to the D.F.O. Baripada/ Rairangpur/ Karanjia Division for information and necessary action.

sd/-
Additional District Magistrate,
Mayurbhanj.

Memo No. 1768 /Rev. Dt. 21/06/16 /

Copy alongwith copy of FRA Certificate (Form No. I) forwarded to the Project Director, National Highways Authority of India, O.T. Road, Near White House Clinic, Balasore- 756001 (Odisha) for information and necessary action with reference to their letter No. NHAI / 11011 / 5 / Forest / 2016 / PIU / BLS/87 Dt.9.3.2016.

sd/-
Additional District Magistrate,
Mayurbhanj.

Memo No. _____ /Rev. Dt. _____ /

Copy forwarded to the Sub-Collector, Baripada/ Rairangpur/ Karanjia for information and necessary action.

sd/-
Additional District Magistrate,
Mayurbhanj.



sd/-
28/6/16
M.P.R. (S)
20/6/16 P.R.

FORM-I

(For Linear projects)

Government of Odisha

Office of the Collector and District Magistrate,

Mayurbhanj

No. 1711//Rev.

Dated 13.6.2016//

TO WHOSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No. 11-9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Schedule Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5th February 2013, wherein MoEF issued certain relaxation in respect of Linear projects, it is certified that **25.313 Hectares** of Revenue Forest Land and **49.195 hectares** of Reserve Forest Land proposed to be diverted in favour of National Highways Authority of India for "**Rehabilitation and Upgradation of Baharagora to Singara Section of NH-6 from Km.199.200 to Km.310.806**" in the State of Odisha (purpose for diversion of forest land) in Mayurbhanj District falls within jurisdiction of Villages under Saraskana, Bangiriposi, Bisoi, Jashipur, Sukruli and Karanjia Tahasils attached in Annexure- 'A'.

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **25.313 Hectares** of Revenue Forest Land and **49.195 hectares** of Reserve Forest Land proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(S) and the District Level Committee are enclosed as Annexure to Annexure. **Not applicable as per letter F.No.11-9/98-FC(pt.) Dated 5th February, 2013 of Govt. of India MoEF.**
- (b) The diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA have been completed and the Grama Sabhas have given their consent to it; **Not applicable as per letter F.No.11-9/98-FC(pt.) Dated 5th February, 2013 of Govt. of India MoEF.**
- (c) The proposal does not involve recognized rights of Primitive Tribal Groups (PTG) and Pre-Agricultural Communities (PAC).

Encl:- As Above

Place :- Baripada

Date :- 10.6.2016

Collector and District Magistrate,
Mayurbhanj

1706/16

MAYURBHANJ DISTRICT OFFICE : BARIPADA

No. _____ /Rev. Dt. _____ //

To
The Regional Chief Conservator of Forests,
Baripada Circle, Baripada.

Sub: - Issuance of Certificate for additional area of 10.632 Hect. of Reserve Forest land for Diversion for non-forest purpose under Forest Conservation Act, 1980- Scheduled Tribes and other Traditional Dwellers (Recognition of Forest Act) 2006 in connection with rehabilitation and up-gradation of Baharagora-Singara Section NH-6 from Km.200.000 to Km.566.000 in the State of Odisha under NHDP IV- B (Group B), Package No. OR/DPR/NHDP-IV/09 of Mayurbhanj District.

Ref: - Memo No.6181 Dt.9.3.2014 and Memo No.10398/9F(ET)-344/2014 Dt.20.6.2014 of the office of the Principal Chief Conservator of Forests, Odisha, Bhubaneswar to your address and District Office letter No.1764/Rev.21.6.2016.

Sir,

In inviting reference to the letters on the subject cited above and in pursuance of Forest (Conservation) Amendment Rules, 2014 issued vide memo No.6181 Dt.9.3.2014 of the Principal Chief Conservator of Forests , Odisha, Bhubaneswar read with letter No.10398/9F(ET)-344/2014 Dt.20.6.2014 of the Addl. Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC Act, Odisha, Bhubaneswar, I am directed to forward herewith the Certificate (FRA) in Form -I (Annexure-I) for Linear Project, issued by the Collector and District Magistrate, Mayurbhanj vide No.304/Rev. Dt.3.2.2017 for onward transmission to proper quarter for consideration of the Diversion proposal for the purpose of rehabilitation and up-gradation of Baharagora- Singara Section NH-6 from Km.200.000 to Km.566.000 in the State of Odisha under NHDP IV-B (Group B), Package No. OR/DPR/NHDP-IV/09 within jurisdiction of Dighi and Andhari Range under Baripada Forest Division (Villages under Saraskana), Receipt of which may please be acknowledged.

Encl: - As above.

Yours faithfully

[Signature]
Additional District Magistrate,
Mayurbhanj.

Memo No. _____ /Rev. Dt. _____ /

Copy alongwith copy of FRA Certificate (Form No. I) submitted to the Deputy Secretary to Govt., Revenue and Disaster Management Department, Odisha, Bhubaneswar for information and necessary action.

[Signature]
Additional District Magistrate,
Mayurbhanj.

Memo No. _____ /Rev. Dt. _____ /

Copy alongwith copy of FRA Certificate (Form No. I) submitted to the Addl. Principal Chief Conservator of Forest, Forest Diversion & Nodal Officer, FC Act, Odisha, Bhubaneswar for information and necessary action with reference to their letter No.10398/9F (ET)-344/2014 Dt.20.6.14 and No.12961/9F (ET)-344/2014 Dt.4.8.2014.

[Signature]
Additional District Magistrate,
Mayurbhanj.

Memo No. _____ /Rev. Dt. _____ /

Copy forwarded to the D.F.O. Baripada Division for information and necessary action.

[Signature]
Additional District Magistrate,
Mayurbhanj.

Memo No. 309 /Rev. Dt. 3.2.2017 /

Copy alongwith copy of FRA Certificate (Form No. I) forwarded to the Project Director, National Highways Authority of India, O.T. Road, Near White House Clinic, Balasore- 756001 (Odisha) for information and necessary action with reference to their letter No. NHAI / 11011 / 5 / LA / 2017 / PIU / BLS/ 15 Dt.10.1.2017.

[Signature]
Additional District Magistrate,
Mayurbhanj.

Memo No. _____ /Rev. Dt. _____ /

Copy forwarded to the Sub-Collector, Baripada for information and necessary action.

[Signature]
Additional District Magistrate,
Mayurbhanj.

FORM-I
(For Linear projects)
Government of Odisha
Office of the Collector and District Magistrate,
Mayurbhanj

No. 304 //Rev.

Dated 03.02.17 //

TO WHOSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No. 11-9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Schedule Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5th February 2013, wherein MoEF issued certain relaxation in respect of Linear projects, it is certified that additional area of 10.632 hectares of Reserve Forest Land proposed to be diverted in favour of National Highways Authority of India for "Rehabilitation and Upgradation of Baharagora to Singara Section of NH-6 from Km.199.200 to Km.310.806" in the State of Odisha (purpose for diversion of forest land) in Mayurbhanj District falls within jurisdiction of Dighi and Andhari Range under Baripada Forest Division (Villages under Saraskana Tahasil).

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire additional area of 10.632 hectares of Reserve Forest Land proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(S) and the District Level Committee are enclosed as Annexure to Annexure. Not applicable as per letter F.No.11-9/98-FC(pt.) Dated 5th February, 2013 of Govt. of India MoEF.
- (b) The diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA have been completed and the Grama Sabhas have given their consent to it; Not applicable as per letter F.No.11-9/98-FC(pt.) Dated 5th February, 2013 of Govt. of India MoEF.
- (c) The proposal does not involve recognized rights of Primitive Tribal Groups (PTG) and Pre-Agricultural Communities (PAC).

Place :- Baripada

Date :- 3.2.2017


Collector and District Magistrate,
Mayurbhanj



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिवहन और राजमार्ग मंत्रालय, भारत सरकार)
(Ministry of Road Transport and Highways, Government of India)
परियोजना कार्यान्वयन इकाई / Project Implementation Unit
एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)
NHA Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)
दूरभाष / Tel : 06725 - 291479
ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-6

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. A. ix)

The user agency undertakes that it will ensure that the boundary of the proposed forest land for diversion will be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates.

Date:
Place: Chandikhole


(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)
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ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-7

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. i)

The user agency undertakes that the legal status of the forest land proposed for diversion will remain unchanged.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)
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Annexure-8

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii)

The user agency certifies that it will comply with all the conditions imposed by NBWL vide letter No. WL-6/74/2023-WL dated 26.09.2023.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

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Annexure-9

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) a)

The user agency certifies that all possible attempts shall be made so that the tree cutting is minimal. The user agency will transplant the trees with adequate care for maximization of survival in consultation with the DFO Rairangpur Division as far as possible.

Date:

Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

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NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

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सत्यमेव जयते

Annexure-10 (a)

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) b)

The user agency certifies that it will construct Elephant Under Passes (5 no.s) and Animal Under Passes (14 no.s) at the identified vulnerable locations as per "Guidelines of Wildlife Institute of India, Dehradun on Mitigative Measures for Linear Infrastructure Projects" as suggested by NTCA Committee after obtaining prior approval of the plan and design from the CWLW, for adaptability of the structures by the Wildlife to facilitate unhindered movement of wild animals.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



Site Inspection Report of NTCA Committee on Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.00 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV, on EPC mode

(Online proposal: FP/OR/ROAD/148087/2021)

Submitted to



August, 2023

Background of the constitution of the committee and terms of reference:

1. National Highway 6 (NH6) in between Kolkata and Mumbai is an important lifeline for West Bengal, Odisha, Jharkhand and other neighbouring states. NHAI PIU, Balasore had submitted a proposal for upgradation and widening (from 2 lane to 4 lane) of 111.606 km of NH6 in between Baharagora and Singhara (km 199.200 to 310.806) in the state of Odisha. The road passes through Eco-sensitive Zone (ESZ) and buffer Zone of Similipal Tiger Reserve in Mayurbhanj district of Odisha.
2. The project was accorded Stage I forest clearance by MoEFCC in 2017. However, on recommendation of the National Tiger Conservation Authority (NTCA), the Standing Committee of NBWL during its 40th meeting recommended the implementation of the project only within the ESZ of Similipal Tiger Reserve and not inside the buffer zone. Accordingly, 67.309 ha of forest land excluding the buffer zone was already diverted.
3. The User Agency has now resubmitted the proposal for upgradation work within the buffer zone of Similipal Tiger Reserve. The proposed project requires diversion of 17.795 ha. of Bidubhandar PRF Forest land in Bangriposi Ghat section in Rairangpur Forest Division, Mayurbhanj District.
4. The instant proposal was approved by the State Board for Wildlife, Odisha during its 8th meeting held on 25-04-2023 with suggested mitigation measures. Since the project site involves Similipal Tiger Reserve, comments of NTCA have been solicited for consideration of the Standing Committee of NBWL.
5. While evaluating the proposal, it was observed that the dimensions of the animal passage structures proposed are not in adherence to the WII Guidelines and need to be rationalized at many places.
6. In light of this, a committee was constituted by the NTCA (vide OM 7-44/2023-NTCA dated July 12, 2023) comprising of the following members:
 - a. Sh. Prakash Chand Gogineni, IFS, Field Director Similipal Tiger Reserve cum RCCF Baripada Circle, Odisha (Representative of CWLW, Odisha and member)
 - b. Sh. J.P. Verma, PD, Chandikhole, Odisha (Representative of NHAI and member)
 - c. Dr. Kausik Banerjee, Scientist, Tiger Cell, NTCA, Delhi (member)
 - d. Dr. Abhishek Kumar, I/C Assistant Inspector General of Forests, NTCA Regional Office, Nagpur (Member Convenor)

The terms and reference of the said team are as follows: to cause site appraisal and suggest appropriate mitigation measures.

7. As informed by the Field Director Similipal Tiger Reserve cum RCCF Baripada Circle, the Ministry of Environment, Forest and Climate Change, GoI, during the intervening period, had raised EDS dated 20.07.2023 on the instant proposal which has since been complied with by the State Government vide letter no: 15690/FE&CC dated 26.07.2023. One of the compliances includes deposit of Rs 2.00 crores annually by NHAI with the Similipal Tiger Conservation Foundation (STCF) in place of realization of Entry fee from individual vehicles (using the TR area).

Field Visit: The Committee made the site visit on 07-08-2023 and inspected the entire stretch of the highway alignment passing through Similipal Tiger Reserve (**Fig 1**) along with following officials of Odisha Forest Department and National Highway Authorities:

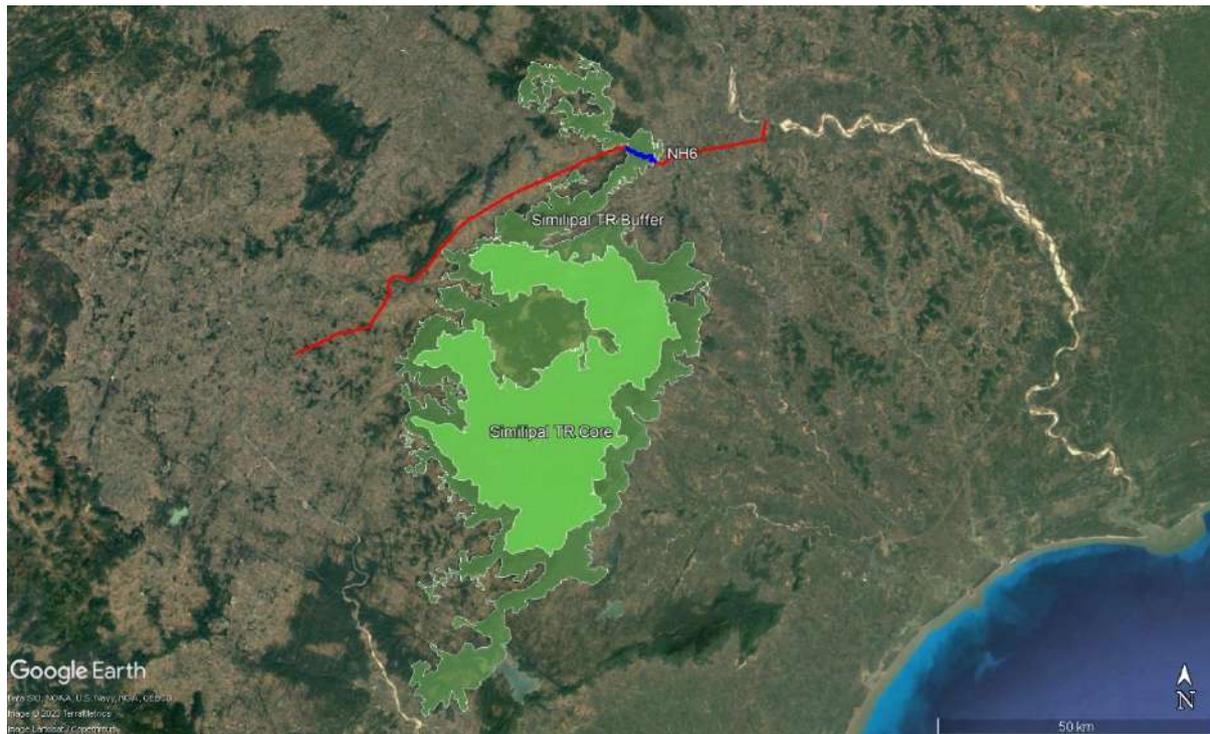
- a. Sh. Nalini Kanta Behera, OFS, DFO Rairangpur Forest Division
- b. Sh. Abhinav Kumar, Deputy Manager, NHAI

Methodology adopted:

1. Joint site visit and inspection of the entire stretch of the highway passing through the Tiger Reserve.
2. Detailed discussion among the team members regarding placement of mitigation structures and their engineering feasibility and ecological efficacy.
3. Thorough scrutiny of the existing structures and proposed structures by all three agencies by the team members for their effectiveness of being useful animal passages. Committee recommendations were based on concurrence arrived at by all members during the field visit.
4. A draft report was shared among all committee members on August 14, 2023 soliciting comments and suggestions. All comments received were duly incorporated in the final draft and concurrence of all committee members on the final draft report for submission was obtained through email.

Fig 1: Glimpses of the Committee and other officials causing site appraisal

Map showing location of the highway within Similipal Tiger Reserve, Odisha



Observations made by the Committee and suggested mitigation measures:

1. The Committee observed that the highway forms an important economic corridor in between eastern, central and western India and is part of an Asian Highway network.
2. The Committee also observed that since widening of NH6 has already happened except for this 7.2 km stretch passing through the buffer zone of Similipal Tiger Reserve, this is causing a traffic bottleneck. The frequent traffic congestions are by themselves acting as a barrier to animal movement across the NH6 particularly during night hours. Moreover, given the heavy vehicular traffic on this route and the steep terrain (Ghat section), such bottleneck has caused a lot of road accidents in recent past, many of them were fatal.
3. The Committee also took a cognizance of elephant movement along this highway since this is a part of elephant dispersal corridor in between Odisha, Jharkhand and West Bengal. In fact, this is part of Mayurbhanj Elephant Reserve supporting highest number of elephants in Odisha.
4. The Committee observed that currently there is no tiger movement in this area. However, conservation significance of Similipal tigers cannot be overemphasized. Similipal harbours unique melanistic tigers and stands out as a unique genetic cluster from remaining Central India. Moreover, tiger population in Similipal is an isolated population in Central India with no other source population of tigers close to Similipal. With ongoing concerted efforts for recovery of this tiger population may result in increase in tiger numbers within the Tiger Reserve and use of the landscape adjoining NH6 by tigers more frequently in future may not be overruled.
5. The project site also had presence of leopard, sloth bear, hyena, jackal, elephant, sambar and barking deer as per all India tiger estimation.
6. With this context, the Committee thoroughly examined the animal passage plans proposed and recommended the mitigation structures as evidenced in **Table 1 and Table 2**.

Table 1: Elephant Underpasses Proposed by the Committee

SL. No.	Chainage (km)	Proposed dimensions
1	229+075	25m X 10 span with 7-8 m height
2	232+400	25 m X 2 span with 7-8 m height
3	233+435	25m X 6 span with 7-8 m height
4	234+855	25m X 6 span with 7-8 m height
5	236+920	25m X 6 span with 7-8 m height

Table 2: Animal Underpasses proposed by the Committee

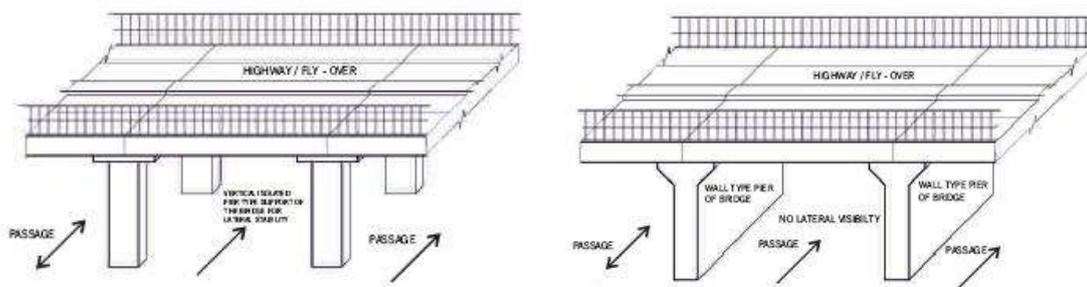
SL No.	Chainage (km)	Type of Structure	Proposed Dimension (m)	Recommended / not recommended	Remarks
1	229+277	Box	6X3	Recommended	Height should be 5 m.
2	229+523	Box	6X3	Recommended	Height should be 5 m.
3	230+003	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals
4	230+517	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals
5	In between 231+163, 231+507 & 232+004		10X16 spanX5 m height	Recommended	Structures with proposed dimensions should be constructed at different locations in between mentioned km chainages depending upon available terrain
6	232+446	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals
7	233+074	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals

8	233+534	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals
9	233+812	Box	6X3	Recommended	The dimensions should be modified into 10m X 4 span X 5 m height
10	234+093	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals
11	234+333	Box	6X3	Recommended	The height should be 5 m
12	235+239	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals
13	236+468	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals
14	236+873	Box	6X3	Not suitable as animal underpass	May be maintained as a water passage structures and for crossing by small animals

General recommendations

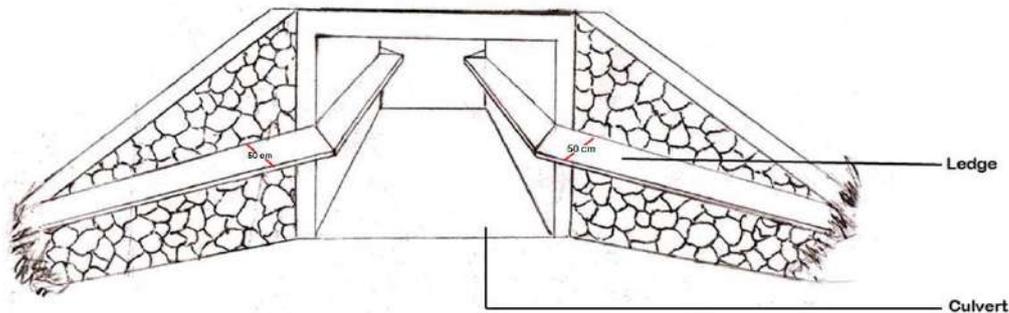
1. The elephant and animal underpasses should be concrete (RCC) structures so as to enhance their longevity and minimize disturbances caused during annual repair / maintenance of otherwise bitumen structures. The bottom of structures should, as far as possible, have similar substrates to that which would occur naturally in the absence of the structure. The approach to an animal crossing is a crucial factor in determining its use. Appropriate use of vegetation (trees, shrubs and grasses) can play a significant role in enhancing the naturalness of an engineered structure.
2. Divisions between the elephant underpasses should be of pillar (isolated pier) type, instead of wall-type (**Fig. 2**). This would significantly improve the acceptability of passage structure by wild animals.

Fig. 2: a) Pillar type and b) wall type division of underpass



3. NH Authorities should ensure that all the underpasses are fortified with integrated options of light and sound barriers (2 m high), camouflaging, and landscaping including restoration habitat beneath underpasses after construction.
4. As far as possible, the minimum height of the underpasses should not be achieved by ground excavation, but by elevating the road. This would prevent water logging during rains.
5. The User Agency should ensure that the animal passages are not inundated with water during rains. Regular removal of debris and silts at the passage structures should be done by the project proponent.
6. The underpasses must be kept free of all human-related activities and disturbances including foot-trails and roads by Forest Department, as these have a negative influence on the use of crossing structures by wildlife.
7. Additional features on crossing structures such as walkways or planks/ledges/shelves (50 cm wide) to be installed by NH Authorities on the interior walls of underpasses and box culverts to encourage mammals to use culverts built on natural drainage sites. These structures help animals use the structures in seasons when the culverts may be inundated with water. Ledges/shelves along the inner walls of all crossing and drainage structures are to be constructed for use by small mammals. These structures should extend up to the exit of the structures and brought to ground level (**Fig. 3**).

Fig. 3: Ledges or shelves measuring 50 cm wide are to be installed in all crossing and drainage structures. The ends of the shelves should be brought to ground level.



8. Chain link mesh fencing should be done by the user agency for 100 m on either side of the animal passages (elephant and animal underpasses) on both sides of the road for funnelling wildlife through the animal passages. A concrete base of 50 cm is to be constructed on which the chain-link mesh fencing should be installed. The height of the fencing should be a minimum of 10 feet height on all sections so that species like leopards and other herbivores cannot cross them to get trapped inside the highway. The bottom 1-1.5 feet of the fences should be fitted with mesh wires so as to prevent small mammals and herpetofauna from crossing the highway. All fences are to be maintained in future by NH Authorities. Remaining portions of the Highway should have crash barriers on both sides of the road.
9. Cattle guards (2 m wide) are to be installed at both ends of the underpasses (including the fenced portions) and other fenced sections of the Highway to prevent wild and domestic animals from getting trapped within the fences/crossing structures (**Fig. 4**).
10. Some trees would have to be cut for upgradation work. These trees should be identified in consultation with the Forest Department before the construction starts and should be properly marked on ground. Attempt should be made that tree cutting is minimal.

Fig. 4: Cattle guards/grids to be installed at both ends of the underpasses and fenced sections



11. Apart from mitigation structures and fenced sections, the remaining portion of the road (where it passes through a flat terrain) should be provided with rumble strips at regular intervals so as to maintain a vehicular speed of 30km/hour within the Tiger Reserve. Rumble strips should be appropriately marked to make them visible to the drivers (both during day and night) so as to avoid vehicular accidents. Sign posts warning about movements of wild animals should also be placed by NH Authorities at regular intervals along the upgraded road. These should be placed where wildlife crossings are maximum and should be determined in consultation with Forest Department.
12. Disturbance during construction in the wildlife sensitive areas is to be kept minimum by the following mechanisms:
 - Use of pre-fabricated materials for construction
 - Use of water from sources other than the rivulets within Tiger Reserve
 - Prohibition on procurement of construction materials from forest
 - Disposal of construction-related debris away from the wildlife sensitive sites
 - Prohibition on night camping of construction personnel inside Tiger Reserve
 - Keeping construction period restricted during daytime
13. High observation towers and cameras as recommended during 8th meeting of Standing Committee of State Board of Wildlife, Odisha dtd 25.04.2023, need to be constructed at suitable locations in consultation with Forest Department by NHAI, for monitoring of vehicular movement and prevention of any traffic congestion.
14. As per the GO No 17621/F&E dtd 12.09.1997 of Government of Odisha, entry of each vehicle into Similipal Tiger Reserve is to be charged @ Rs 100. Since charging each vehicle may lead to traffic congestion in the Ghat section, the Committee, in consonance with suggestion proposed by the State Government while submitting compliance to the EDS, recommends to deposit Rs 2 Crore annually by NHAI to Similipal Tiger Conservation Foundation. The same can be levied and the funds used for monitoring and protection activities.
15. The CWLW, Odisha should have appropriate mechanism in place for compliance of the conditions laid in this report during various phases of project implementation.



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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Annexure-11

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) c)

The user agency certifies that it will provide animal passage structures in 20% of the stretch of the project area.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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Annexure-12

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) d)

The user agency certifies that Retro Reflecting signages will be erected at regular intervals to slow down the speed of vehicles at animal crossing points besides providing visual and sound barriers in addition to olfaction & other sensory enhancers as mentioned in "Guidelines of Wildlife Institute of India, Dehradun on Mitigative Measures for Linear Infrastructure Projects".

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

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Annexure-13

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) e)

The user agency certifies that the elephant and animal underpasses will be concrete (RCC) structures so as to enhance their longevity and minimize the disturbances caused during annual repair / Maintenance of otherwise bitumen structures. The bottom of the structures will, as far as possible, have similar substrates to that which would occur naturally in the absence of the structure.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओडिशा)

NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-14

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) f)

The user agency certifies that the divisions between the elephant underpasses shall be of pillar (isolated pier) type, instead of wall-type.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-15

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) g)

The user agency undertakes to ensure that all the underpasses are fortified with integrated options of light and sound barriers (2 m high), camouflaging and landscaping including restoration habitat beneath underpasses after construction.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

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NHA Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)
दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-16

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) h)

The user agency certifies that the minimum height of the underpasses will not be achieved by ground excavation, but by elevating the road as far as possible to prevent water logging during rains.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-17

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) i)

The user agency undertakes that it will ensure that the animal passages are not inundated with water during rains and regular removal of debris and silts at the passage structures will be done.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-18

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) k)

The user agency undertakes that additional features on crossing structures such as walkways or planks/ledges/shelves (50 cm wide) will be installed on the interior walls of underpasses and box culverts to encourage mammals to use culverts built on natural drainage sites. Edges/shelves along the inner walls of all crossing and drainage structures will be constructed for use by small mammals and these structures will extend up to the exit of the structures and brought to ground level.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

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NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)
दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-19

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) I)

The user agency certifies that chain link mesh fencing will be done for 100 m on either side of the animal passages (elephant and animal underpasses) on both sides of the road for funneling wildlife through the animal passages. A concrete base of 50 cm will be constructed on which the chain-link mesh fencing should be installed. The height of the fencing will be a minimum of 10 feet height on all sections so that the species like leopards and other herbivores cannot cross them to get trapped inside the highway. The bottom 1 – 1.5 feet of the fences will be fitted with mesh wires so as to prevent small mammals and herpetofauna from crossing the highway. The user agency also agrees to maintain all fences in the future and remaining portion of the highway will have crash barriers on both sides of the road.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



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Annexure-20

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) m)

The user agency certifies that cattle guards (2 m wide) will be installed at both ends of the underpasses (including the fenced portions) and other fenced sections of the Highway to prevent wild and domestic animals from getting trapped within the fences/crossing structures.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



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Annexure-21

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) n)

The user agency certifies that apart from mitigation structures and fenced sections, the remaining portion of the road (where it passes through a flat terrain) will be provided with rumble strips at regular intervals so as to maintain a vehicular speed of 30km/hour within the Tiger Reserve. The rumble strips will be appropriately marked to make them visible to the drivers (both day and night) so as to avoid vehicular accidents. Sign posts warning about movements of wild animals will also be placed at regular intervals along the upgraded road which will be placed where wildlife crossings are maximum and will be determined in consultation with Forest Department.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

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Annexure-22

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) o)

The user agency certifies that disturbance during construction in the wildlife sensitive areas shall be kept minimum by the following mechanisms:

- Use of pre-fabricated materials for construction.
- Use of water from sources other than the rivulets within Tiger Reserve
- Prohibition on procurement of construction materials from forest
- Disposal of construction-related debris away from the wildlife sensitive sites.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) p)

The user agency undertakes to construct high observation towers and deploy cameras at suitable locations in consultation with Forest Department as recommended during 8th meeting of Standing Committee of State Board of Wildlife, Odisha on 25.04.2023, for monitoring of vehicular movement and prevention of any traffic congestion.

Date:

Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



Annexure-23



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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Annexure 24



NHAI/11011/5/FOREST/2024/PIU/CDL/ 174

02 February 2024

To

The Divisional Forest Officer,
Rairangpur Forest Division,
Rairangpur, Odisha

Sub.: Diversion of 32.225 ha of forest land (diversion of 17.795 ha of forest land + re-diversion of already diverted 14.43 ha) for Baharagora to Singhara Section of NH-6 (New NH-49) for Rehabilitation and Up-gradation to four laning of 7.6 km stretch (Km 229.000 to Km 236.600) inside buffer zone of Similipal Tiger Reserve in the state of Odisha under NHDP Phase IV on EPC Mode - Rs.2 Crore deposited with Similipal Tiger Conservation Foundation in compliance to conditions stipulated in Stage-I approval - reg.

- Ref.: 1. Your office letter No.394 dated 20.01.2024
2. Dy. Inspector General of Forests (C) MOEF&CC letter No.5-ORC597/2023-BHU dated 31.10.2023

Sir,

In compliance to condition stipulated in letter No.5-ORC597/2023-BHU dated 31.10.2023 of Dy. Inspector General of Forests (C) Ministry of Environment, Forest & Climate Change Regional Office Bhubaneswar subsequent demand vide your office letter No.394 dated 20.01.2024, an amount Rs.2,00,00,000/- has been deposited with CHAIRPERSON SIMILIPAL TIGER CONSERVATION FOUNDATION BARIPADA in Saving Bank Account 32106069386 of STATE BANK OF INDIA, BARIPADA vide UTR No. EPV8PFMS010698101026202401300011 dated 30.01.2024.

This is for your information and necessary action please

Yours faithfully,

(J.P. Verma)
Project Director

Copy to:

The Field Director, Similipal Tiger Reserve-cum-Regional CCF, Baripada Circle,
Baripada for kind information.



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ii) s)

The user agency certifies that it will submit an annual compliance certificate on the stipulated conditions to the State Chief Wild Life Warden.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



Annexure-25



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. iii)

The user agency agrees to raise compensatory afforestation over 35.787 ha degraded forest land (DLC) identified in village Soso under Bahalda Tahasil of Mayurbhanj District under Rairangpur Forest Division within one years from the date of Stage-II Clearance to be maintained thereafter by the State Forest Department, at the cost of user agency. The species to be planted in the CA scheme will be native species of the area and at least 18 month old seedlings will be planted. Intensive monitoring of the plantation will be done and documented using Geo tagging so that the increase of canopy density and survival of the growth of plantation can be evaluated at regular intervals.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



Annexure-26



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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दूरभाष / Tel : 06725 - 291479

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File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. iv)

I, Project Director, National Highways Authority of India, PIU – Chandikhole, undertake to pay the additional amount of Net Present Value (NPV), if so determined, as per the final decision of the Hon'ble Supreme Court of India.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



Annexure-27



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओडिशा)

NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-28

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. v)

The user agency undertakes to carry out road side plantation on both sides of road in the entire project area as per IRC norms.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओडिशा)

NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-29

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. vi)

The user agency undertakes to use fly ash for the road construction and for filling up of void created due to soil borrows which will be followed by compaction and spreading of top soil over it as per Fly Ash Notification No. S.O. 254 (E) dated 25.01.2016.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

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ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-30

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. vii)

The user agency undertakes to ensure that the flanks of roads will be filled by transported soil and not with soil dug from the side of the roads.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

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दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. viii)

The user agency undertakes that the designing of new culverts/bridges and redesigning the existing ones over the natural streams/rivers/canals will be done in such a manner that it does not hamper the natural course of water, does not give rise to water logging, and does not hamper movement of wild animals including fishes and amphibians migration.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



Annexure-31



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओडिशा)

NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

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ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-32

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. ix)

The user agency certifies that speed regulating signages will be erected along the road at regular intervals in the Protected Areas/Forest Areas.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)
(Ministry of Road Transport and Highways, Government of India)

परियोजना कार्यान्वयन इकाई / Project Implementation Unit
एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)
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दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-33

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. x)

The user agency certifies that it will provide suitable under/over pass in Protected Area/Forest Area as per recommendations of NBWL.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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Annexure-34

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xi)

This project does not require Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986 along with EIA Notification 2006 and its subsequent amendments. However, if applicable in the future, the user agency undertakes to obtain Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

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Annexure-35

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xii)

The user agency certifies that no labour camp will be established on the forest land and the user agency will provide fuels, preferably alternate fuels, to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

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NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

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ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-36

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xiii)

The user agency undertakes that no additional or new path will be constructed inside the forest area for any activity related to the project work.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

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Annexure-37

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

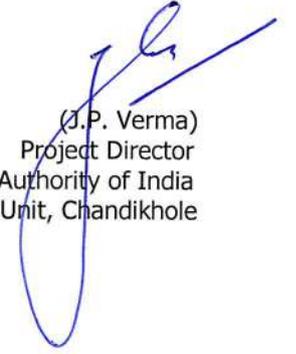
File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xiv)

The user agency undertakes that it will not fell any tree or damage forest growth in the surrounding forest area in any manner while executing the works.

Date:
Place: Chandikhole


(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क पारिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

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दूरभाष / Tel : 06725 - 291479

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सत्यमेव जयते

Annexure-38

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xv)

The user agency certifies that the layout plan of the proposed forest land will not be changed without the prior approval of Ministry of Environment, Forest & Climate Change.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

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Annexure-39

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xvi)

The user agency certifies that the forest land will not be used for any purpose other than that specified in the proposal.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

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दूरभाष / Tel : 06725 - 291479

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Annexure-40

Title of the proposal: Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xvii)

The user agency certifies that the forest land proposed to be diverted will under no circumstances be transferred to any other user agency, department or person without the prior approval of Ministry of Environment, Forest and Climate Change.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

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एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

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दूरभाष / Tel : 06725 - 291479

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Annexure-41

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xviii)

The user agency undertakes that no damage will be caused to the flora and fauna of the adjoining area.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

दूरभाष / Tel : 06725 - 291479

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Annexure-42

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xx)

The user agency certifies that it will submit an annual self-monitoring report on compliance of stipulated conditions to the Nodal Office (FCA) of the Odisha and Integrated Regional Office, Bhubaneshwar by the end of March every year.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

एन.एच.ए.आई. कॉम्प्लेक्स, नेउलपुर, चंडीखोल, जाजपुर - ७५५०२४ (ओड़िशा)

NHAI Complex, Neulpur, Chandikhole, Jajpur-755024 (Odisha)

दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-43

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xxi)

The user agency certifies that it will comply with any other conditions that the Ministry of Environment, Forest and Climate Change may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिबहन और राजमार्ग मंत्रालय, भारत सरकार)

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दूरभाष / Tel : 06725 - 291479

ई-मेल / e-mail : nhaichandikhole@gmail.com, piuchandikhole@nhai.org



Annexure-44

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xxii)

The user agency certifies that it will ensure compliance to provisions of the all Acts, Rules, Regulation, Guidelines, NGT Order(s) & Hon'be Court Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क पारिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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Annexure-45

Title of the proposal:- Rehabilitation and Upgradation to Four laning of 7.6 km stretch (km 229.000 to km 236.600) inside buffer zone of Similipal Tiger Reserve of Baharagora to Singhara Section (km 199.200 to km 310.806) of NH-6 in the State of Odisha under NHDP Phase- IV

File No.: FP/OR/ROAD/148087/2021

Date of Proposal: 05 Oct 2021

Undertaking for Condition no. B. xxiii)

The user agency undertakes that the conditions mentioned in the Stage I Clearance shall not be violated and understands that violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 for which action would be taken as prescribed in Para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by MoEFCC letter No.5-2/2017-FC dated 28.03.2019.

Date:
Place: Chandikhole

(J.P. Verma)
Project Director
National Highways Authority of India
Project Implementation Unit, Chandikhole