



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डिंग, बाबुभाई पेट्रोल पंप के सामने,

एल.बी.एस. मार्ग, कैसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(W) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



NHAI/ PIU-Thane/ VME/Forest (Spur)/2022-23/ 316

Date: 12.05.2023

To,

Dy. Conservator of Forest,

Thane Forest Division, Near Teen Haath Naka,

Thane(W) -400602, Maharashtra

Sub: Diversion of 111.7321 ha. of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Palghar, Thane & Raigad District in the State of Maharashtra

- Submission of Stage II Compliance

Ref: Stage I Clearance Letter by Regional Office of MOEFCC, Nagpur letter no. 10338 dated 25.09.2022

Sir,

With reference to above, this office has received Stage-I clearance for the subject project vide ref. cited with certain conditions. The same was forwarded to all concerned stakeholders including DPR Consultant M/s. ICT Pvt. Ltd. Now, the DPR Consultant vide their email dated 12.05.2023 has furnished compliance for the same as below:

No.	Observations	Compliance																																																																																				
i	Legal status of the forest land shall remain unchanged	An undertaking in this regard is enclosed at Annex 1.																																																																																				
ii(a)	Compensatory afforestation shall be taken up by the Forest Department over 225.00 ha degraded forest land in Shahpur Forest Division as per following details at the cost of User Agency:	Pertains to Forest Department																																																																																				
	<table><tr><th>Area (ha.)</th><th>Comp t. No.</th><th>Range</th><th>Village</th><th>Round</th><th>Beat</th><th>Taluka</th></tr><tr><td>25.00</td><td>647</td><td>Vihigaon</td><td>Umbravane</td><td>Kasara</td><td>Umbravane</td><td>Shahapur</td></tr><tr><td>20.00</td><td>638</td><td>Vihigaon</td><td>Umbravane</td><td>Kasara</td><td>Umbravane</td><td>Shahapur</td></tr><tr><td>30.00</td><td>624</td><td>Washala</td><td>Washala</td><td>Sakad bav</td><td>Sakad bav</td><td>Shahapur</td></tr><tr><td>25.00</td><td>240</td><td>Washala</td><td>Washala</td><td>Sakad bav</td><td>Kothare</td><td>Shahapur</td></tr><tr><td>25.00</td><td>657</td><td>Washala</td><td>Washala</td><td>Pachivara</td><td>Veluk</td><td>Shahapur</td></tr><tr><td>20.00</td><td>89</td><td>Dolkham b</td><td>Dolkham b</td><td>Sakurli</td><td>Gandulwad</td><td>Shahapur</td></tr><tr><td>15.00</td><td>343</td><td>Dolkham b</td><td>Dolkham b</td><td>Sakurli</td><td>Sakurli</td><td>Shahapur</td></tr><tr><td>20.00</td><td>585</td><td>Khardi</td><td>Khardi</td><td>Dapur</td><td>Dapur</td><td>Shahapur</td></tr><tr><td>25.00</td><td>684</td><td>Shahapur</td><td>Shahapur</td><td>-</td><td>Atgao n</td><td>Shahapur</td></tr><tr><td>20.00</td><td>119</td><td>Dhasal</td><td>Gegaon</td><td>Ansoli</td><td>Gegaon</td><td>Shahapur</td></tr><tr><td>225.00</td><td colspan="5">Total</td><td></td></tr></table>	Area (ha.)	Comp t. No.	Range	Village	Round	Beat	Taluka	25.00	647	Vihigaon	Umbravane	Kasara	Umbravane	Shahapur	20.00	638	Vihigaon	Umbravane	Kasara	Umbravane	Shahapur	30.00	624	Washala	Washala	Sakad bav	Sakad bav	Shahapur	25.00	240	Washala	Washala	Sakad bav	Kothare	Shahapur	25.00	657	Washala	Washala	Pachivara	Veluk	Shahapur	20.00	89	Dolkham b	Dolkham b	Sakurli	Gandulwad	Shahapur	15.00	343	Dolkham b	Dolkham b	Sakurli	Sakurli	Shahapur	20.00	585	Khardi	Khardi	Dapur	Dapur	Shahapur	25.00	684	Shahapur	Shahapur	-	Atgao n	Shahapur	20.00	119	Dhasal	Gegaon	Ansoli	Gegaon	Shahapur	225.00	Total						
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	As far as possible, a mixture of local indigenous species along with 10 % RET species of Shahapur Forest Division shall be planted and monoculture of any species may be avoided. At least three water bodies in compartment no. 624, two in each compartment no. 647, 638, 240, 657, 89, 585, 684 & 119 and one in compartment no. 343 shall be constructed in the form of tank/stop dams etc if the same are not available in the area or in nearby vicinity. Further,																																																																																					

6/2023/Msp 11 / (108) 12.05.2023 DCP Phase Stage - II Compliance 111.7321 Ha

[Signature]

No.	Observations	Compliance
	If existing tank/stop dams are available and needs desilting/repair, same shall be carried out to meet the water requirement of wild animals throughout the year.	
ii(b)	For protection from encroachment and better management of the CA plantation, the fencing shall be done from the compartment boundary.	A sum of ₹ 19,75,13,204/- has been deposited in four forest divisions for fencing. Copy of Demand Drafts are enclosed as Annex-2.
iii	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.	The demand of ₹17,24,75,100/- for Compensatory Afforestation and ₹13,61,15,551/- was received. The amount has been deposited in CAMPA fund on 07.10.2022. The copy of receipt is enclosed as Annex-3.
iv(a)	The State Government shall charge the Net Present Value (NPV) for the 111.7321 ha. forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 30/10/2002, 01/08/2003, 28/03/2008, 24/04/2008 and 09/05/2008 in IA No. 566 in WP (C) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No. 5-1/1998-FC (Pt.II) dated 18/09/2003, as well as letter No. 5-2/2006-FC dated 03/10/2006 and 5-3/2007 -FC dated 05/02/2009 in this regard;	The demand of ₹ 13,61,15,551/- for NPV was received. The amount was deposited in CAMPA Fund on 07.10.2022. The copy of receipt is enclosed as Annex-3.
iv (b)	Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect;	An undertaking in this regard is enclosed at Annex 4.
v	User agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department.	An undertaking to restrict felling of trees is enclosed at Annex 5. The demand of ₹ 170,66,584/- towards cost of tree felling was received. The amount was deposited to DCF Thane on 03.10.2022. The copy of receipt is enclosed as Annex-6.
vi	All the funds received from the User Agency under the project shall be transferred deposited to CAMPA fund only through e-portal (https://parivesh.nic.in).	All funds as per Demand Notes are deposited in CAMPA through e-portal (https://parivesh.nic.in) and copy of receipt are enclosed as Annex-3.
vii	State Government, Maharashtra / Nodal Officer (FCA), Maharashtra shall ensure settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (No. 2 of 2007) before issuing an order for handing over of forest land to the User Agency as per Rule- 9 (6) (b) (ii) of Forest (Conservation) Rules, 2022 dated 28.06.2022.	The project road is located in 3 districts, namely Palghar, Thane and Raigad district. The FRA Certificates from District Collectors are enclosed in the following order as Annex 7.
viii	To improve the Forest/ Tree cover and to reduce pollution in the State, as mandated in National Forest Policy, 1988 and Environmental (Protection) Act, 1986 respectively, the User Agency with involvement of Joint Forest Management Committees (JFMCs) and in consultation with local DCF shall raise at least 75,000 seedlings of forestry species along with bamboo, fruit bearing, medicinal, ornamental	An undertaking in this regard is enclosed at Annex 8.

No.	Observations	Compliance
	and indigenous/local for 10 years. At least 50% of seedlings shall be planted in the vicinity of project area and remaining 50% of seedlings shall be distributed among villagers as per choice of villagers. The concerned JFMC's shall maintain record of plantation/ seedling distribution to villagers.	
ix	All small patches of forest up to 5 ha left over due to bifurcation of forest patches by constructing the road shall be restored by planting suitable native species by the State Forest Department at the cost of User Agency. A Forest Conservation Plan in this regard shall be prepared and submitted to the IRO, MoEF&CC, Nagpur.	The demand of ₹ 2,08,52,058/- towards plantation cost native species was received. The amount was deposited to DCF Thane on 03.11.2022. The copy of receipt is enclosed as Annex- 9.
x	State Forest Department shall undertake avenue plantation of 8 feet tall plants as per IRC norms at the cost of User Agency all along the alignment.	Demand for plantation of 8 ft tall plants were received from Dahanu, Jawhar, Thane and Raigad forest divisions, totalling ₹ 15,13,52,011/-. The amount was deposited and copy of demand drafts are enclosed as Annex 2.
xi	Approval of SBWL/NBWL shall be obtained by the User Agency.	<p>The project does not attract approval of SBWL/NBWL as the expressway does not pass through any Wildlife Sanctuary or their Eco sensitive Zones declared under the Wildlife Protection Act, 1972. However, wildlife conservation plan for the expressway was approved by the Principal Chief Conservator of Forests (Wildlife), Maharashtra State on 01.09.2021 and enclosed as Annex 10.</p> <p>The expressway passes through of Eco-Sensitive Area of Matheran, declared under The Environment Protection Act, 1986. Clearance from Matheran Monitoring Committee was accorded for the project on 22.03.2022 and enclosed as Annex 11.</p>
xii	User Agency shall obtain Environment Clearance as per the provisions of Environmental (Protection) Act, 1986, if applicable.	Environmental Clearance for the project was accorded by MoEF&CC on 12.04.2022, which was further amended on 23.08.2022. Copy of the EC Letter and its amendment is enclosed as Annex 12.
xiii	The overburden shall not be dumped outside the width of the road. The muck generated in the tunnelling and earth cuttings will be disposed of at the designated dumping sites outside the forest area.	The quantity of earth material likely to be generated from cutting operation is 28,78,295 m ³ , while 90,43,991 m ³ of earth material is required for construction of the expressway. Therefore, the excavated earth will be fully utilized in the road construction.

No.	Observations	Compliance
		22,88,731 cum muck will be generated from tunnelling out of which 22,27,958 cum muck will be utilized in road work & concrete work between km 69.800 to km 79.783 (Bhoj village to Morbe village) and 60,773 Cum will be used in proposed way side amenity / truck parking at km 61+000 to 61+525. The muck disposal plan submitted to Forest department and IRO Nagpur is enclosed as Annex 13.
xiv	Inside the Eco-sensitive Zone, only control blasting as permissible shall be permitted that too under the supervision of the State Forest Department.	An undertaking in this regard is enclosed at Annex 14.
xv	The layout plan of the proposal shall not be changed without prior approval of Central Government.	An undertaking in this regard is enclosed at Annex 15.
xvi	No labour camp shall be established in the forest land.	An undertaking in this regard is enclosed at Annex 16.
xvii	Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel.	An undertaking in this regard is enclosed at Annex 17.
xviii	The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer.	An undertaking in this regard is enclosed at Annex 18.
xix	No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.	An undertaking in this regard is enclosed at Annex 19.
xx	The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less.	An undertaking in this regard is enclosed at Annex 20.
xxi	The forest land shall not be used for any purpose other than that specified in the project proposal.	An undertaking in this regard is enclosed at Annex 21.
xxii	The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.	An undertaking in this regard is enclosed at Annex 22.
xxiii	Violations of any of these conditions will amount to violation of Forest (Conservation Act) and action would be taken as per the MoEF&CC Guideline F.No. 11-42/2017-FC dt. 29/01/2018.	Noted.
xxiv	Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife.	An undertaking in this regard is enclosed at Annex 23.
xxv	The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/)	Agreed

It is requested to kindly accord the **STAGE- II** Clearance for the forest diversion proposal.

धन्यवाद,

Encl : As above

आपका (सुवर्णीय)
(मुहम्मद दे. चिटणीस)
12.05.2023
महाप्रबंधक (तकनिधी) तथा परियोजना निर्देशक
प.का.ई.ठाणे

Copy to:

1. CGM (T) & RO, Mumbai: for kind information.
2. Chief Conservator of Forest, Thane: for kind information.
3. GM (Env.), NHAI-HQ, New Delhi: for kind information.
4. M/s. ICT Pvt. Ltd : for information & necessary follow up at your end without fail.
5. DCF Raigad : for information.
6. DCF Dahanu: for information.
7. DCF Jawhar: for information.



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

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परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डिंग, बाबुभाई पेट्रोल पंप के सामने,

एल.बी.एस. मार्ग, कैसल मिल सर्कल के पास, ठाणे (प) - ४००६०९

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



Annex 1

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra

Condition no.	Undertaking
i	NHAI Undertake that Legal Status of the forest land shall remain unchanged

आपका भवदीय,

(सुहास दे चिटणिस)

परियोजना निर्देशक

प. का. ई. ठाणे

Annex-2

Condition No: (ii)b – Fencing
Condition No: (x) 8 ft tall plants for Avenue Plantation



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

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एल.बी.एस. मार्ग, कॅसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com फ़ैक्स / Website : nhai.gov.in



NHAI/ PIU-Thane/VME/ 2022-23/ 47

Date: 06.04.2023

To,
Dy. Conservator of Forest
Dahanu Forest Division, Dahanu Agar Road,
Dahanu
Dist. Palghar-401601, Maharashtra

Sub: Diversion of 111.7231 Ha. of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR Alignment) from km 0+000 to km 79.783 in Palghar, Thane & Raigad District in the State of Maharashtra - **Payment of fees to Forest Department- Cost of Avenue Plantation Trees & Cost of Construction of Wire fence to protect area border - Reg**

Ref: DCF Thane letter no. 6607/2022-23 dated 09.03.2023.

Sir,

With reference to above cited subject DCF Thane vide letter no. letter no. 6607/2022-23 dated 09.03.2023 has sent demand note as per the conditions of the Stage-I Clearance letter no. 103338 dated 25.09.2022 from Ministry of Environment & Forest (MoEFCC). The details are as below:

Sr.	Item	Demand draft in favour of	Amount(in Rs.)	Payable at
1	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Thane	10,10,04,011/-	Thane
2	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Thane	16,14,12,200/-	Thane
3	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Dahanu	3,62,14,092/-	Dahanu
4	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Dahanu	3,54,82,943/-	Dahanu
5	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Jawhar	1,16,22,007/-	Jawhar
6	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Jawhar	4,11,500/-	Jawhar
7	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Alibag	25,11,901/-	Alibag
8	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Alibag	2,06,561/-	Alibag

2. It is inform that, the same has been released herewith by this office in the form of Demand draft. The details are as below:

Sr. No.	DD Number	Date of issue of DD	In Favour of	Amount of DD
1)	806331	31/03/2023	DEPUTY CONSRVATOR OF FOREST, DAHANU	62,14,095/-
2)	806832			99,99,999/-

IS/2023/April 2023(55) 05.04.2023 111.7231 vme forest d/f

4

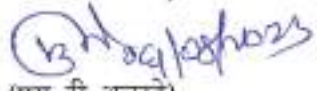
Annex 2

3)	806821			99,99,999/-
4)	806815			99,99,999/-
Total (Avenue Plantation of 8 feet tall plants)				3,62,14,092/-
1)	806827	31/03/2023	DEPUTY CONSRVATOR OF	99,99,999/-
2)	806828		FOREST, DAHANU	99,99,999/-
3)	806812			99,99,999/-
4)	806832			54,82,946/-
Total (Cost of Construction of Wire fence to protect forest area)				3,54,82,943/-

Kindly acknowledge the receipt.

धन्यवाद,

संसद - डिमांड ड्राफ्ट

आपका भवदीय,

 (एम.टी. अंतुरदे)
 परियोजना निदेशक
 प. का. ई. ठाणे

Copy to: 1. CGM (T) & RO, Mumbai: for kind information.
 2. Chief Conservator of Forest, Thane: for kind information.
 3. DCF Thane : for information, please.

DEPUTY CONSERVATOR OF FOREST, DAHANU

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

SIXTY TWO LAKH FOURTEEN THOUSAND NINETY FIVE ONLY

रुपये Rupees

अदा करें For Value Received

₹ 62,14,095.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.62,14,095.00

कुले केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रतिभूत हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

प्रियांका गौड
PRIYANKA GAUDE
अधीक्षिका / Officer
S. P. No. 49641

हस्ताक्षर
SIGNATURE

प्रतिभूत हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

हस्ताक्षर
SIGNATURE

हस्ताक्षर
SIGNATURE

हस्ताक्षर
SIGNATURE

इसका माता और जारी अधिकार: डेमांड ड्राफ्ट के लिए, जिसमें निम्नलिखित जानकारी शामिल है: Demand Drafts of ₹1 Lakh and above require the signature of the authorized signatory.
Please Sign S.P. No. 22958

806831 4000151381

16

DEPUTY CONSERVATOR OF FOREST, DAHANU

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY

रुपये Rupees

अदा करें For Value Received

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कुले केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रतिभूत हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

प्रियांका गौड
PRIYANKA GAUDE
अधीक्षिका / Officer
S. P. No. 49641

हस्ताक्षर
SIGNATURE

प्रतिभूत हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

हस्ताक्षर
SIGNATURE

हस्ताक्षर
SIGNATURE

हस्ताक्षर
SIGNATURE

इसका माता और जारी अधिकार: डेमांड ड्राफ्ट के लिए, जिसमें निम्नलिखित जानकारी शामिल है: Demand Drafts of ₹1 Lakh and above require the signature of the authorized signatory.
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806823 4000151381

16

DEPUTY CONSERVATOR OF FOREST, DAHANU

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY

रुपये Rupees

अदा करें For Value Received

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कुले केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रतिभूत हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

प्रियांका गौड
PRIYANKA GAUDE
अधीक्षिका / Officer
S. P. No. 49641

हस्ताक्षर
SIGNATURE

प्रतिभूत हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

हस्ताक्षर
SIGNATURE

हस्ताक्षर
SIGNATURE

हस्ताक्षर
SIGNATURE

इसका माता और जारी अधिकार: डेमांड ड्राफ्ट के लिए, जिसमें निम्नलिखित जानकारी शामिल है: Demand Drafts of ₹1 Lakh and above require the signature of the authorized signatory.
Please Sign S.P. No. 22958

806821 4000151381

16

DEPUTY CONSERVATOR OF FOREST, DAHANU

गाने पर On Demand Pay

को या इनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

अदा करें For Value Received

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कृपया केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

प्रीयंका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

पदनाम
DESIGNATION

S. P. No.

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

मीन
MINO
अधिकारी / Officer
S. P. No. 22958

पदनाम
DESIGNATION

S. P. No.

806827 400015138

16

DEPUTY CONSERVATOR OF FOREST, DAHANU

गाने पर On Demand Pay

को या इनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

अदा करें For Value Received

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कृपया केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

प्रीयंका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

पदनाम
DESIGNATION

S. P. No.

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

मीन
MINO
अधिकारी / Officer
S. P. No. 22958

पदनाम
DESIGNATION

S. P. No.

806815 400015138

16

DEPUTY CONSERVATOR OF FOREST, DAHANU

मांगने पर On Demand Pay

को या चुनको आदेश पर Or Order प्राप्त मूल्य के लिए

FIFTY FOUR LAKH EIGHTY TWO THOUSAND NINE HUNDRED FORTY SIX ONLY

रुपये Rupees

₹ 54,82,946.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

अदा करे For Value Received

*****NOT OVER Rs.54,82,946.00

चुने केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, S.P. CODE

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

MINO
अधिकारी / Officer
S. P. No. 22958

"806832" 400015138:

16

DEPUTY CONSERVATOR OF FOREST, DAHANU

मांगने पर On Demand Pay

को या चुनको आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY

रुपये Rupees

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

अदा करे For Value Received

*****NOT OVER Rs.99,99,999.00

चुने केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, S.P. CODE

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

MINO
अधिकारी / Officer
S. P. No. 22958

"806812" 400015138:

16

DEPUTY CONSERVATOR OF FOREST, DAHANU

मांगने पर On Demand Pay

को या चुनको आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY

रुपये Rupees

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

अदा करे For Value Received

*****NOT OVER Rs.99,99,999.00

चुने केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, S.P. CODE

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

MINO
अधिकारी / Officer
S. P. No. 22958

"806828" 400015138:

16



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डींग, बाबुभाई पेट्रोल पंप के सामने,

एल.बी.एस. मार्ग, कैसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - ThaneMTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



NHAI/ PIU-Thane/VME/ 2022-23/ 48

Date: 06.04.2023

To

Dy. Conservator of Forests

Jawahar Forest Division

Near Rajiv Gandhi Stadium, Jawhar

Dist. Thane - 401 603, Maharashtra

Sub: Diversion of 111.7231 Ha. of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR Alignment) from km 0+000 to km 79.783 in Palghar, Thane & Raigad District in the State of Maharashtra - Payment of fees to Forest Department- Cost of Avenue Plantation Trees & Cost of Construction of Wire fence to protect area border - Reg

Ref: DCF Thane letter no. 6607/2022-23 dated 09.03.2023.

Sir,

With reference to above cited subject DCF Thane vide letter no. letter no. 6607/2022-23 dated 09.03.2023 has sent demand note as per the conditions of the Stage-I Clearance letter no. 103338 dated 25.09.2022 from Ministry of Environment & Forest (MoEFCC). The details are as below:

Sr.	Item	Demand draft in favour of	Amount(in Rs.)	Payable at
1	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Thane	10,10,04,011/-	Thane
2	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Thane	16,14,12,200/-	Thane
3	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Dahanu	3,62,14,092/-	Dahanu
4	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Dahanu	3,54,82,943/-	Dahanu
5	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Jawhar	1,16,22,007/-	Jawhar
6	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Jawhar	4,11,500/-	Jawhar
7	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Alibag	25,11,901/-	Alibag
8	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Alibag	2,06,561/-	Alibag

2. It is inform that, the same has been released herewith by this office in the form of Demand draft. The details are as below:

Sr. No.	DD Number	Date of issue of DD	In Favour of	Amount of DD
1)	806835	31/03/2023	DEPUTY CONSRVATOR OF FOREST, JAWAHAR	16,22,008/-
2)	806813			99,99,999/-
Total (Avenue Plantation of 8 feet tall plants)				1,16,22,007/-

G/2023/Agr/ 2023(57) 06.04.2023 111.7231 area forest d/d DCF Jawhar

5

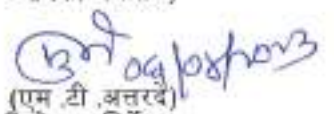
Annex 2

Sr. No.	DD Number	Date of issue of DD	In Favour of	Amount of DD
1)	806810	31/03/2023	DEPUTY CONSRVATOR OF FOREST, JAWAHAR	4,11,500/-
Total (Cost of Construction of Wire fence to protect forest area)				4,11,500/-

Kindly acknowledge the receipt.

धन्यवाद,

संतोष - डिमांड ड्राफ्ट

आपका भवदीय,

 (एम. टी. अक्षरदे)
 परियोजना निर्देशक
 प. का. ई. ठाणे

- Copy to: 1. CGM (T) & RO, Mumbai: for kind information.
 2. Chief Conservator of Forest, Thane: for kind information.
 3. DCF Thane : for information, please.

DEPUTY CONSERVATOR OF FOREST, JAWAHAR

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

SIXTEEN LAKH TWENTY TWO THOUSAND EIGHT ONE

रुपये Rupees

अदा करें For Value Received

₹ 16,22,008.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.16,22,008.00

कृते केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम **प्रियंका गवडे**
DESIGNATION **PRIYANKA GAWDE**
अधिकारी / Officer
S. P. No. 49641

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम **मिन्**
DESIGNATION **MANAGER**
अ.स. / S.P. No. 22958

"806835" 400015138

16

DEPUTY CONSERVATOR OF FOREST, JAWAHAR

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY

रुपये Rupees

अदा करें For Value Received

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कृते केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम **प्रियंका गवडे**
DESIGNATION **PRIYANKA GAWDE**
अधिकारी / Officer
S. P. No. 49641

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम **मिन्**
DESIGNATION **MANAGER**
अ.स. / S.P. No. 22958

"806813" 400015138

16

DEPUTY CONSERVATOR OF FOREST, JAWAHAR

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

FOUR LAKH ELEVEN THOUSAND FIVE HUNDRED ONLY

रुपये Rupees

अदा करें For Value Received

₹ 4,11,500.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.4,11,500.00

कृते केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम **प्रियंका गवडे**
DESIGNATION **PRIYANKA GAWDE**
अधिकारी / Officer
S. P. No. 49641

प्रमाणित हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम **मिन्**
DESIGNATION **MANAGER**
अ.स. / S.P. No. 22958

"806810" 400015138

16



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डिंग, बाबूभाई पेट्रोल पंप के सामने,

एल.बी.एस. मार्ग, कॅसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(W) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



NHAI/ PIU-Thane/VME/ 2022-23/44

Date: 06.04.2023

To
Dy. Conservator of Forest,
Thane Forest Division, Near Teen Haath Naka,
Thane(W) -400602, Maharashtra

Sub: Diversion of 111.7231 Ha. of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR Alignment) from km 0+000 to km 79.783 in Palghar, Thane & Raigad District in the State of Maharashtra - Payment of fees to Forest Department- Cost of Avenue Plantation Trees & Cost of Construction of Wire fence to protect area border - Reg

Ref: Your office letter no. letter no. 6607/2022-23 dated 09.03.2023.

Sir,

Kindly refer to your office letter no. letter no. 6607/2022-23 dated 09.03.2023 vide which your office has sent demand note as per the conditions of the Stage-I Clearance letter no. 103338 dated 25.09.2022 from Ministry of Environment & Forest (MoEFCC). The details are as below:

Sr.	Item	Demand draft in favour of	Amount(In Rs.)	Payable at
1	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Thane	10,10,04,011/-	Thane
2	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Thane	16,14,12,200/-	Thane
3	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Dahanu	3,62,14,092/-	Dahanu
4	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Dahanu	3,54,82,943/-	Dahanu
5	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Jawhar	1,16,22,007/-	Jawhar
6	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Jawhar	4,11,500/-	Jawhar
7	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Alibag	25,11,901/-	Alibag
8	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Alibag	2,06,561/-	Alibag

2. It is inform that, the same has been released herewith by this office in the form of Demand draft. The details are as below:

Sr.No.	DD Number	Date of issue of DD	In Favour Of	Amount of DD
1)	806851	03.04.2023	DEPUTY CONSRVATOR OF FOREST, THANE	99,99,999/-
2)	806814			99,99,999/-
3)	806863			99,99,999/-
4)	806838			99,99,999/-
5)	806839			99,99,999/-

6/1023/April 2023(55)06.04.2023 111.7231 vme: spw/d/d

3

Annex 2

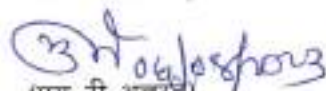
6)	806840			99,99,999/-
7)	806841			99,99,999/-
8)	806842			99,99,999/-
9)	806843			99,99,999/-
10)	806844			99,99,999/-
11)	806845			99,99,999/-
12)	806846			99,99,999/-
13)	806847			99,99,999/-
14)	806848			99,99,999/-
15)	806849			99,99,999/-
16)	806850			99,99,999/-
17)	806837			14,12,216/-
Total (Avenue Plantation of 8 feet tall plants)				16,14,12,200/-
1)	806853	03.04.2023	DEPUTY CONSRVATOR OF FOREST, THANE	99,99,999/-
2)	806854			99,99,999/-
3)	806855			99,99,999/-
4)	806856			99,99,999/-
5)	806857			99,99,999/-
6)	806858			99,99,999/-
7)	806859			99,99,999/-
8)	806860			99,99,999/-
9)	806861			99,99,999/-
10)	806862			10,04,021/-
11)	806836			10,10,04,011/-
Total (Cost of Construction of Wire fence to protect forest area)				10,10,04,011/-

3. Demand draft in favour of DCF Jawhar, DCF Dahanu and DCF Alibag send to concerned department by separately.

Kindly acknowledge the receipt.

धन्यवाद,

संलग्न - डिमांड ड्राफ्ट

आपका भवदीय,

 (एम. टी. अतरवे)
 परियोजना निर्देशक
 प. का. ई. ठाणे

Copy to: 1. CGM (T) & RO, Mumbai: for kind information.
 2. Chief Conservator of Forest, Thane: for kind information.

DEPUTY CONSERVATOR OF FOREST, THANE

मागने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

अदा करें For Value Received

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22955

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22955

₹ एक लाख और उन्नीस अक्षर के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above

806851 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मागने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

अदा करें For Value Received

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

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AUTH. SIGNATORY

नाम
NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22955

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22955

₹ एक लाख और उन्नीस अक्षर के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above

806814 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मागने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

अदा करें For Value Received

₹ 99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22955

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22955

₹ एक लाख और उन्नीस अक्षर के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above

806863 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्ता मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

₹ ***99,99,999.00

अदा करें For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

MINU
MANAGER
H.अ.स./S.P. No. 22958

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

को कनरा बैंक For Canara Bank

PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

इस दस्तावेज़ को एक लाख रुपये के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above

806838 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्ता मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

₹ ***99,99,999.00

अदा करें For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

MINU
MANAGER
H.अ.स./S.P. No. 22958

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

को कनरा बैंक For Canara Bank

PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

इस दस्तावेज़ को एक लाख रुपये के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above

806839 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्ता मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

₹ ***99,99,999.00

अदा करें For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

MINU
MANAGER
H.अ.स./S.P. No. 22958

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

को कनरा बैंक For Canara Bank

PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

इस दस्तावेज़ को एक लाख रुपये के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above

806840 4000151381

16

Annex 2

DEPUTY CONSERVATOR OF FOREST, THANE

मॉगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

***99,99,999.00

अदा करे For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00.

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, S.P. CODE

प्रतिष्ठित हस्ताक्षर करें
AUTH. SIGNATORY

मीनू
MINU
प्रबंधक / MANAGER
नाम / NAME
S.P. No. 229506

प्रतिष्ठित हस्ताक्षर करें
AUTH. SIGNATORY

प्रीतिका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

रुपये 99 लाख और 99 हजार और 99 हजार के लिए दो प्रमाणित हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above.

806841 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मॉगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

***99,99,999.00

अदा करे For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00.

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, S.P. CODE

प्रतिष्ठित हस्ताक्षर करें
AUTH. SIGNATORY

मीनू
MINU
प्रबंधक / MANAGER
नाम / NAME
S.P. No. 229506

प्रतिष्ठित हस्ताक्षर करें
AUTH. SIGNATORY

प्रीतिका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

रुपये 99 लाख और 99 हजार और 99 हजार के लिए दो प्रमाणित हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above.

806842 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मॉगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

***99,99,999.00

अदा करे For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00.

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, S.P. CODE

प्रतिष्ठित हस्ताक्षर करें
AUTH. SIGNATORY

मीनू
MINU
प्रबंधक / MANAGER
नाम / NAME
S.P. No. 229506

प्रतिष्ठित हस्ताक्षर करें
AUTH. SIGNATORY

प्रीतिका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

रुपये 99 लाख और 99 हजार और 99 हजार के लिए दो प्रमाणित हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above.

806843 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

अदा करें For Value Received

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22958

ह.अ.स. S.P. No.

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

केनरा बैंक Canara Bank
प्रियांका गावडे
अधिकारी / Officer
S. P. No. 49641

₹ 1 Lakh and above require signature of two authorized signatories.
Demand Drafts of ₹ 1 Lakh and above require signature of two authorized signatories.
Please sign above

806844 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

अदा करें For Value Received

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22958

ह.अ.स. S.P. No.

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

केनरा बैंक Canara Bank
प्रियांका गावडे
अधिकारी / Officer
S. P. No. 49641

₹ 1 Lakh and above require signature of two authorized signatories.
Demand Drafts of ₹ 1 Lakh and above require signature of two authorized signatories.
Please sign above

806845 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

अदा करें For Value Received

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम NAME
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22958

ह.अ.स. S.P. No.

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

केनरा बैंक Canara Bank
प्रियांका गावडे
अधिकारी / Officer
S. P. No. 49641

₹ 1 Lakh and above require signature of two authorized signatories.
Demand Drafts of ₹ 1 Lakh and above require signature of two authorized signatories.
Please sign above

806846 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

कौ या चनको आदेश पर Or Order प्राप्ता मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

***99,99,999.00

अदा करें For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank



NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

मीन
MINU
प्रबंधक / MANAGER
ह.अ.स. / S.P. No. 22958

ह.अ.स.
S.P. No.

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

पद
DESIGNATION

ह.अ.स.
S.P. No.

एक लाख और उन्नीस हजार के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above.

806847 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

कौ या चनको आदेश पर Or Order प्राप्ता मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

***99,99,999.00

अदा करें For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank



NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
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मीन
MINU
प्रबंधक / MANAGER
ह.अ.स. / S.P. No. 22958

ह.अ.स.
S.P. No.

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

पद
DESIGNATION

ह.अ.स.
S.P. No.

एक लाख और उन्नीस हजार के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above.

806848 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

कौ या चनको आदेश पर Or Order प्राप्ता मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

***99,99,999.00

अदा करें For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank



NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
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मीन
MINU
प्रबंधक / MANAGER
ह.अ.स. / S.P. No. 22958

ह.अ.स.
S.P. No.

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

पद
DESIGNATION

ह.अ.स.
S.P. No.

एक लाख और उन्नीस हजार के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹1 Lakh and above require signature of two authorized signatories.
Please sign above.

806849 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY

को या चनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA
*****NOT OVER Rs.99,99,999.00

अदा करें For Value Received

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम MINU
हस्ताक्षर / S.P. No. 22058

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

अदा केनरा बैंक For Canara Bank
प्रियांका गावडे
अधिकारी / Officer
S. P. No. 49641

इस दस्तावेज को तभी प्रयोग करने के लिए ही प्रमाणित हस्ताक्षरकों की आवश्यकता है।
Demand Drafts of Rs. 1 Lakh and above require signature of two authorized signatories.
Please sign above

806850 400015138

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

FOURTEEN LAKH TWELVE THOUSAND TWO HUNDRED SIXTYN ONLY

को या चनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

***14,12,216.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA
*****NOT OVER Rs.14,12,216.00

अदा करें For Value Received

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम MINU
हस्ताक्षर / S.P. No. 22058

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

अदा केनरा बैंक For Canara Bank
प्रियांका गावडे
अधिकारी / Officer
S. P. No. 49641

इस दस्तावेज को तभी प्रयोग करने के लिए ही प्रमाणित हस्ताक्षरकों की आवश्यकता है।
Demand Drafts of Rs. 1 Lakh and above require signature of two authorized signatories.
Please sign above

806837 400015138

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

अदा करें For Value Received

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

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DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

मिन्टु
MINUTU
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22958

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

पद
DESIGNATION

स.प.नं.
S.P. No.

प्रियांका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

यह सिक्का और उसके आदेश पर केवल मांगने योग्य है।
Demand Drafts of ₹ 1 Lakh and above require signature of two authorised signatories.
Please sign above

⑈806853⑈ 400015138⑈

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

अदा करें For Value Received

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

मिन्टु
MINUTU
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22958

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

पद
DESIGNATION

स.प.नं.
S.P. No.

प्रियांका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

यह सिक्का और उसके आदेश पर केवल मांगने योग्य है।
Demand Drafts of ₹ 1 Lakh and above require signature of two authorised signatories.
Please sign above

⑈806854⑈ 400015138⑈

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

अदा करें For Value Received

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

मिन्टु
MINUTU
प्रबंधक/MANAGER
ह.अ.स./S.P. No. 22958

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

पद
DESIGNATION

स.प.नं.
S.P. No.

प्रियांका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

यह सिक्का और उसके आदेश पर केवल मांगने योग्य है।
Demand Drafts of ₹ 1 Lakh and above require signature of two authorised signatories.
Please sign above

⑈806855⑈ 400015138⑈

16

DEPUTY CONSERVATOR OF FOREST, THANE

मागने पर On Demand Pay

को या चुनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

प्रबंधक / MANAGER
ह.अ.स./S.P. No. 22958

अधिकृत हस्ताक्षरकर्ता
AUTH. SIGNATORY

नाम
NAME

पद
DESIGNATION

हस्ताक्षर
S.P. No.

र एक लाख और उन्नीस अक्षरों के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹ 1 Lakh and above require signature of two authorized signatories.
Please sign above

⑈806856⑈ 400015138⑈

16

DEPUTY CONSERVATOR OF FOREST, THANE

मागने पर On Demand Pay

को या चुनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.P. CODE

अधिकृत हस्ताक्षरकर्ता
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ह.अ.स./S.P. No. 22958

हस्ताक्षर
S.P. No.

अधिकृत हस्ताक्षरकर्ता
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16

DEPUTY CONSERVATOR OF FOREST, THANE

मागने पर On Demand Pay

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NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

₹ ***99,99,999.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

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केनरा बैंक Canara Bank

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Please sign above

⑈806858⑈ 400015138⑈

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

अदा करने For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

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केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

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प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम
MINU
प्रबंधक / MANAGER
ह.अ.स./S.P. No. 22958

हस्ताक्षर
S.P. No.

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

इसका मूल्य और उससे अधिक की कोई भी राशि के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹ 1 lakh and above require signature of two authorized signatories.
Please sign above

806859 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

अदा करने For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

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MINU
प्रबंधक / MANAGER
ह.अ.स./S.P. No. 22958

हस्ताक्षर
S.P. No.

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

इसका मूल्य और उससे अधिक की कोई भी राशि के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹ 1 lakh and above require signature of two authorized signatories.
Please sign above

806860 4000151381

16

DEPUTY CONSERVATOR OF FOREST, THANE

मांगने पर On Demand Pay

को या उनके आदेश पर Or Order प्राप्त मूल्य के लिए

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

रुपये Rupees

अदा करने For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

केनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम
MINU
प्रबंधक / MANAGER
ह.अ.स./S.P. No. 22958

हस्ताक्षर
S.P. No.

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

इसका मूल्य और उससे अधिक की कोई भी राशि के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता है।
Demand Drafts of ₹ 1 lakh and above require signature of two authorized signatories.
Please sign above

806861 4000151381

16

DEPUTY CONSERVATOR OF FOREST, TILANE

मागने पर On Demand Pay

NINETY NINE LAKH NINETY NINE THOUSAND NINE HUNDRED NINETY NINE ONLY-

को या इनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

₹ ***99,99,999.00

अदा करें For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.99,99,999.00

कैनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

मीनू
MINU
DEPUTY MANAGER
NAME / S.P. NO. 22458

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

मीनू
MINU
DEPUTY MANAGER
NAME / S.P. NO. 22458

कैनरा बैंक For Canara Bank

प्रीयंका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

हम एक लाख और नब्बे हजार और नौ सौ के बराबर का चेक/ऑर्डर को समायोजित करने के लिए जारी किया गया है।
Demand Drafts of ₹ 1 Lakh and above require signature of two authorized signatories.
Please sign above

806862 4000151381

16

DEPUTY CONSERVATOR OF FOREST, TILANE

मागने पर On Demand Pay

TEN LAKH FOUR THOUSAND TWENTY ONE ONLY

को या इनके आदेश पर Or Order प्राप्त मूल्य के लिए

रुपये Rupees

₹ ***10,04,021.00

अदा करें For Value Received

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.10,04,021.00

कैनरा बैंक Canara Bank

MUMBAI CLEARING SECTION(136)

NAAA

DRAWEE BRANCH, D.F. CODE

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

मीनू
MINU
DEPUTY MANAGER
NAME / S.P. NO. 22458

अधिकृत हस्ताक्षर करें
AUTH. SIGNATORY

मीनू
MINU
DEPUTY MANAGER
NAME / S.P. NO. 22458

कैनरा बैंक For Canara Bank

प्रीयंका गावडे
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

हम एक लाख और चार हजार और बीस के बराबर का चेक/ऑर्डर को समायोजित करने के लिए जारी किया गया है।
Demand Drafts of ₹ 1 Lakh and above require signature of two authorized signatories.
Please sign above

806836 4000151381

16



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एन.टी.एन.एल. बिल्डींग, बाबुभाई पेट्रोल पंप के सामने,
एल.बी.एस. मार्ग, कॅसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump
LBS Marg, Near Castle Mill Circle, Thane(w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



NHAI/ PIU-Thane/VME/ 2022-23/46

Date: 06.04.2023

To
Dy. Conservator of Forests
Alibag Forest Division, Near Collector
Office, Alibag
Dist. Raigad - 402 201, Maharashtra

Sub: Diversion of 111.7231 Ha. of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR Alignment) from km 0+000 to km 79.783 in Palghar, Thane & Raigad District in the State of Maharashtra - Payment of fees to Forest Department- Cost of Avenue Plantation Trees & Cost of Construction of Wire fence to protect area border - Reg

Ref: DCF Thane letter no. 6607/2022-23 dated 09.03.2023.

Sir,

With reference to above cited subject DCF Thane vide letter no. letter no. 6607/2022-23 dated 09.03.2023 has sent demand note as per the conditions of the Stage-I Clearance letter no. 103338 dated 25.09.2022 from Ministry of Environment & Forest (MoEFCC). The details are as below:

Sr.	Item	Demand draft in favour of	Amount(in Rs.)	Payable at
1	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Thane	10,10,04,011/-	Thane
2	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Thane	16,14,12,200/-	Thane
3	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Daharu	3,62,14,092/-	Daharu
4	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Daharu	3,54,82,943/-	Daharu
5	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Jawhar	1,16,22,007/-	Jawhar
6	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Jawhar	4,11,500/-	Jawhar
7	Avenue Plantation of 8 feet tall plants	Deputy Conservator of Forest, Alibag	25,11,901/-	Alibag
8	Cost of Construction of Wire fence to protect forest area	Deputy Conservator of Forest, Alibag	2,06,561/-	Alibag

2. It is inform that, the same has been released herewith by this office in the form of Demand draft. The details are as below:

Sr. No.	DD Number	Date of issue of DD	In Favour of	Amount of DD
1)	806809	31/03/2023	DEPUTY CONSRVATOR OF FOREST, ALIBAG	25,11,901/-
Total (Avenue Plantation of 8 feet tall plants)				25,11,901/-

G/2023/April 2023[58] 06.04.2023 111.7231 eme forest d/d DCF Alibag

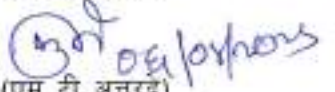
3

Sr. No.	DD Number	Date of issue of DD	In Favour of	Amount of DD
1)	806811	31/03/2023	DEPUTY CONSRVATOR OF FOREST, ALIBAG	2,06,561/-
Total (Cost of Construction of Wire fence to protect forest area)				2,06,501/-

Kindly acknowledge the receipt.

धन्यवाद,

मंलग्न - दिमांड ड्राफ्ट

आपका भवदीय,

 (एम.टी. अन्तर्दे)
 परियोजना निर्देशक
 प. का. ई. ठाणे

Copy to: 1. CGM (T) & RO, Mumbai: for kind information.
 2. Chief Conservator of Forest, Thane: for kind information.
 3. DCF Thane : for information, please.

31032023

DEPUTY CONSERVATOR OF FOREST, ALIBAG

मॉगने पर On Demand Pay

को या चुनके आवेश पर Or Order प्राप्त मूल्य के लिए

TWENTY FIVE LAKH ELEVEN THOUSAND NINE HUNDRED ONE ONLY

रुपये Rupees

अदा करें For Value Received

₹

***25,11,901.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.25,11,901.00

मुझे केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank



MUMBAI CLEARING SECTION(136)
NAAA

DRAWER BRANCH, D.P. CODE

प्रमाणित हस्ताक्षर करें
AUTH. SIGNATORY

नाम
NAME

पदनाम
DESIGNATION

हस्ताक्षर
S.P. NO.

प्रमाणित हस्ताक्षर करें
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हस्ताक्षर
S.P. NO.

Priyanka
PRIYANKA GAWDE
अधिकारी / Officer
S. P. No. 49641

MINU
MINU
प्रबंधक / MANAGER
हस्ताक्षर / S.P. No. 22958

₹ एक लाख और ऊपर अधिक होने वाले ड्राफ्ट के लिए दो अधिकृत हस्ताक्षरों की आवश्यकता होती है।
Demand Drafts of ₹1 lakh and above require signature of two authorized signatories.
Please sign above

⑈806809⑈ 400015138⑈

16

31032023

DEPUTY CONSERVATOR OF FOREST, ALIBAG

मॉगने पर On Demand Pay

को या चुनके आवेश पर Or Order प्राप्त मूल्य के लिए

TWO LAKH SIX THOUSAND FIVE HUNDRED SIXTY ONE ONLY

रुपये Rupees

अदा करें For Value Received

₹

***2,06,561.00

Purchaser Name: NATIONAL HIGHWAYS AUTHORITY OF INDIA

*****NOT OVER Rs.2,06,561.00

मुझे केनरा बैंक For Canara Bank

केनरा बैंक Canara Bank



MUMBAI CLEARING SECTION(136)
NAAA

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अधिकारी / Officer
S. P. No. 49641

MINU
MINU
प्रबंधक / MANAGER
हस्ताक्षर / S.P. No. 22958

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Please sign above

⑈806811⑈ 400015138⑈

16

Annex-3

Condition No: iii & iv(a) – Deposit of CA & NPV in CAMPA Fund



Tel No. - 022 25421373

25434349

Email- dcfihane@gmail.com

dycflahne@mahaforest.gov.in

State GovernmentForestDeputy Conservator of Forests, Thane Forest DivisionThane Office

Marathon Circle, Lal Bahadur Shastri Marg, Naupada Thane- 400 602.

Letter No. 25/Survey/FCA/ 3679 /2022-23

Date - 30 /09/2022

To.

✓ Project Manager,

PIU Thane, National Highway Authority of India,

Project implementation Unit Thane,

MTNL building Opp. Babubhai Petrol Pump,

LBS Marg, Near Castle Mill Circle,

Thane west - 400 601.

Subject :- Diversion of 111.7231 Ha. of forest land for Development of Vadodara Mumbai Expressway (Phase II SPUR Alignment) from Km 0+000 to Km 79.783 in Palghar, Thane & raigad District in the State of Maharashtra. (Demand Note)

Reference :-

1. Ministry of Environment, Forests & Climate Change vide letter No FC-III/MIH-50/2022-NGP/10338 Dt. 25/09/2022.
2. Ministry of Environment, Forests & Climate Change vide letter No 5-3/2011-FC (Vol-I) Dt. 06/01/2022.
3. Ministry of Environment, Forests & Climate Change vide letter No 5-3/2011-FC (Vol-I) Dt. 19/01/2022.
4. User Agency vide Letter No.NHAI/PIU/THANE/VME-16/2022-23/1233 Dt. 26/09/2022.

As per the reference cited above, Project Manager, PIU Thane, National Highway Authority of India Thane is requested to pay the item -wise amount of compensatory levies as per the following detail.

Compensatory Levies

Sr. No	Item	Condition as Mentioned in-principle approval	Amount in Rs.	Remarks
1	Cost towards Compensatory Afforestation	iii	172475100 /-	Ad Hoc CAMPA through E-Portal
2	Cost towards Addl. Compensatory Afforestation	-	-	
3	NPV	iv(a)	136115551 /-	Ad Hoc CAMPA through E-Portal

आवक संख्या

INWARD NO. 2515

दिनांक/ Date... 30/09/2022

भा. रा. रा. प्रा. पकाई ठाणे

NHAI, PIU- THANE

4	Cost towards catchment area treatment area	-	-	
5	Cost towards Wildlife Mitigation measure	-	-	
6	Cost of felling of trees.	v	17066584 /-	DCF Thane
7	RCC Pillar	-	-	
	TOTAL		<u>325657235 /-</u>	

The Project Manager, PIU Thane, National Highway Authority of India Thane is also requested to submit the documents, certificate and undertakings as stipulated in the in-principle approval as per the following details.

Sr. No.	Condition No. as mentioned in- principle approval	Name of Document/Certificate/ Undertaking required to be submitted by the User Agency
1	i	Undertaking
2	iv(b)	Undertaking
3	vi	Undertaking
4	vii	FRA Certificate
5	viii	Undertaking
6	xi	Undertaking
7	xii	Undertaking
8	xiii	Undertaking
9	xiv	Undertaking
10	xv	Undertaking
11	xvi	Undertaking
12	xvii	Undertaking
13	xviii	Undertaking
14	xix	Undertaking
15	xx	Undertaking
16	xxi	Undertaking
17	xxii	Undertaking
18	xxiii	Undertaking
19	xxiv	Undertaking
20	xxv	Undertaking

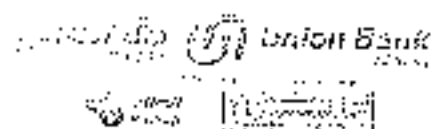
The amount of Condition No. ii, ix, x will inform separately after receiving the details estimate from concern Division and Range Forest Officer.


 (Santosh Saste)
Deputy Conservator of Forests
Thane Forest Division, Thane

Copy submitted to Chief Conservator of Forests (T.), Thane for information.

Copy submitted to DCF, Shahahpur, Dahanu, Jawhar and Alibag for information and necessary action.

AGENCY COPY



NEFT/RTGS CHALLAN for CAMPA Funds

Date: 04/10/2022

Agency Name:	NATIONAL HIGHWAYS AUTHORITY OF INDIA P.L. THANE
Application No.	015285/022
NEFT/RTGS File No	FC-00MH-50/2022-NGP
Location:	MAHARASHTRA
Address:	Survey No 63, D point on NH-4B, Chinchpada- Kalanboli Bypass Road, Raigad
Amount (Rs)	308590651/-

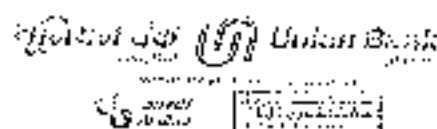
This Challan is strictly to be used for making
payment to CAMPA by NEFT/RTGS only.

NEFT/RTGS to be made as per following
details:

Beneficiary Name:	MAHARASHTRA CAMPA
IFSC Code:	00000906335
Pay to Account No.	1507601532570022 Valid only for this e-challan amount.
Bank Name & Address:	Union Bank Of India FCB Centre, 21/F, 11 Floor Jelita Towers, Mission Road, Bangalore-560027

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

BANK COPY



NEFT/RTGS CHALLAN for CAMPA Funds

Date: 04/10/2022

Agency Name:	NATIONAL HIGHWAYS AUTHORITY OF INDIA P.L. THANE
Application No	015285/022
NEFT/RTGS File No	FC-00MH-50/2022-NGP
Location:	MAHARASHTRA
Address:	Survey No 63, D point on NH-4B, Chinchpada- Kalanboli Bypass Road Raigad
Amount (Rs)	308590651/-

Amount in Words: Thirty One Lakh Fifty Nine Thousand Six Hundred and Fifty One Rupees Only

NEFT/RTGS to be made as per following
details:

Beneficiary Name:	MAHARASHTRA CAMPA
IFSC Code:	00000906335
Pay to Account No.	1507601532570022 Valid only for this e-challan amount.
Bank Name & Address:	Union Bank Of India FCB Centre, 21/F, 11 Floor Jelita Towers, Mission Road, Bangalore-560027

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

After making the required payment through challan, if the payment status has not been updated
within 7 working days, then kindly mail a copy of your challan with transaction date and reference
number to fcbscr@unionbankofindia.bank, cupurse@unionbankofindia.bank,
or 00000906335@unionbankofindia.bank

APPROVED

X



YOUR AUTHORIZATION SUCCESSFUL

Transaction with reference id 692891655 approved and processed successfully

PAYMENT DETAILS

Ref ID	BENEFICIARY NAME	BENEFICIARY A/C
692891655	Maharashtra CAMPA Thane	150786153857022
BENEFICIARY IFSC	AMOUNT	FREQUENCY
UBIN0996335	₹ 30,85,90,651.00	One Time
REQUESTED BY	REQUESTED DATE	TRANSACTION DATE
TUSHAR	07-10-2022 03:38:05	07-10-2022 12:00:00
BENEFICIARY NICKNAME	REMARKS	
CAMPA Thane	A	Compensatory Afforestation MoD And ₹ 172475100
		Net present value = 13,61,1559
		Total = 30,85,90,651



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डिंग, बाबुभाई पेट्रोल पंप के सामने,

एल.बी.एस. मार्ग, कैसल मिल सर्कल के पास, ठाणे (प) - ४००६०९

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



Annex 4

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra

Condition no.	Undertaking
iv(b)	Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency undertakes to pay the above charges if required after receipt of demand from Forest Department.

आपका भवदीय,

(सुहास दे चिटमिस)

परियोजना निर्देशक

प. का. ई. ठाणे



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डिंग, बाबूभाई पेट्रोल पंप के सामने,

एल.बी.एस. मार्ग, कैसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane (w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com ईंटरनेट / Website : nhai.gov.in



Annex 5

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra

Condition no.	Undertaking
v	NHAI undertake that user agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department.

आपका अवदीय

(सुहास डे चिटणिस)

परियोजना निर्देशक

प. का. ई. ठाणे

Annex-6

Condition No: v –Deposition of Tree Felling Cost



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एन.टी.एन.एल. बिल्डिंग, बाबूभाई पेट्रोल पंप के सामने,

एल.बी.एम. मार्ग, कॅसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



NHAI/ PIU-Thane/ VME-16/2022-23/ 1283

Date: 04.10.2022

To,
Dy. Conservator of Forests
Thane Forest Division
Marathon Circle, LBS Marg
Naopada, Thane
Maharashtra - 400 602

Sub: Diversion of 111.7231 Ha. of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR Alignment) from km 0+000 to km 79.783 in Palghar, Thane & Raigad District in the State of Maharashtra -Payment of fees to Forest Department- Cost of felling of Trees -Reg.

Ref.: 1. MoEF&CC letter no. F.No.FC-III/MH-50/2022-NGP/10338 dated 25.09.2022.
2. DCF, Thane letter no.25/Survey/FCA/3679/2022-23 dated 30.09.2022

Sir,

With reference to above cited subject, your office has submitted demand note for Cost of felling of trees Rs. 1,70,66,584/- vide letter no.3679/2022-23 dated 30.09.2022 (Sl.no.6).

4. The same has been released by this office on 03.10.2022 through NEFT (NEFT/AXISP00325281147 Dated 03.10.2022).

This is for your information and record.

धन्यवाद,

आपका भवदीय,

(सम. टी. अक्षरदे)
परियोजना निर्देशक
प.का.ई.ठाणे

04/10/2022
अधिक लिपीय.

उप वनसंरक्षक
वन विभाग, ठाणे बांधे कार्यालय

Copy to: 1. CGM (T) & RO, Mumbai: for kind information.
2. Chief Conservator of Forest, Thane: for kind information.

Annex-7

Condition No: vii – FRA Certificates

FORM - I

(For Linear Projects other than Plantation)

(Rule 6 (3) (e) of Forest (Conservation) Rules 2003 as amended up to date)

Government of Maharashtra**Office of District Collector Palghar**

No/Rev/Vanhakka/SR.No- 2588 /22

Date 13 /01/2023

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Rule 6 (3)(e) of the Forest (Conservation) Rules, 2003 [as amended vide the Forest (Conservation) Amendment Rules 2014; Forest (Conservation) second Amendment Rules 2014; and Forest (Conservation) Amendment Rules 2016], it is certified that **19.4521** hectares of forest land proposed to be diverted in favour of **National Highways Authority of India (NAHI)** for the propose **Vadodara Mumbai Expressway (Phase II- SPUR)** in the Palghar District falls within jurisdiction of Villages in Vasai Tehsils. It is further certified that;

Forest Land Details

Sr. No.	Taluka	Village Name	Survey No./	Gut No.	Kind of Land	Area required (Hector)
1	Vasai	Koshimbe	404	23	Protected forest	1.6993
			412	22	Protected forest	1.2134
2		Khardi	152 (472- old)		Protected forest	0.1229
3		Shirsad	77		Protected forest	1.7515
			91		Protected forest	0.6519
			3		35 Section	2.8692
			91		Protected forest	0.0229
			78 A		Protected forest	0.6444
			79		Protected forest	0.4788
4		Kashidkopar	-	173	Protected forest	0.3703
5		Candip	90/1		Protected forest	2.1127
			90/8		Protected forest	0.6929
			90/7		Protected forest	0.1068
			90/6		Protected forest	0.1516
6		Kalambhon	102A		Protected forest	2.0012
			103 A		Protected forest	2.3657
			33		Private forest	2.2634
			68/2		Protected forest	0.0332
		Total				19.4521

It is further certified that-

- A) The complete process for recognition and vesting of forest rights under the FRA has been carried out for the entire 19.4521 hectares of forest land proposed for diversion. A copy of records of all consultations and meetings of the Forest

20Folder 2022- Fra cert. 2023 पाल्हाड जिल्हा अर्थी

Rights Committee(s) Gram Sabha(s), / Waed Committee(s), Sub-Division Level Committee (s) and the District Level Committee are enclosed as attachment A to attachment.

- B) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA, 2006 have been completed and the Gram Sabhas have given their consent to it.
- C) The proposed area does not involve recognized rights of Primitive Tribal Groups and Pre - Agricultural communities.

Encl- as above




(Serving Book)
District Collector, Palghar

FORM-I

(for linear projects other than Plantations)
[Rule 6(3) (e) of Forest (Conservation) Rules 2003 as amended up to date]

Government of Maharashtra
Office of District Collector Thane
No. RB/Desk. IV/T.2./FRA/Noc/CR-07/2021
Date - 12/01/2023

TO WHOMSOEVER IT, MAY CONCERN

In compliance of the Rule 6(3)(e) of the Forest (Conservation) Rules, 2003 [as amended vide the Forest (Conservation) Amendment Rules 2014; Forest (Conservation) second Amendment Rules 2014; and Forest (Conservation) Amendment Rules 2016] it is certified that 18.8858 hectares of forest land proposed to be diverted in favour of National Highways Authority of India PIU Thane for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to 97+783 in the State of Maharashtra in the Thane district for falls within the jurisdiction of Ghotgaon, Malbidi, Supegaon, Vadpe, Boriwali, Vahuli village(s) in Bhiwandi tehsils. It is further certified that:

Taluka	Village Name	Survey No	Gutt No	Forest Type	Area (ha.)	Current Status
Bhiwandi	Ghotgaon	--	108/2/1	Private Forest	0.9432	No rights affected
		--	108/1	Private Forest	0.013	No rights affected
		--	108/5	Private Forest	0.0476	No rights affected
		--	108/2/2	Private Forest	0.1119	No rights affected
		--	108/2/6	Private Forest	0.1778	No rights affected
		--	108/6	Private Forest	0.0948	No rights affected
		--	108/7	Private Forest	0.0925	No rights affected
		--	108/8	Private Forest	0.1613	No rights affected
		--	108/9	Private Forest	0.1847	No rights affected
		--	108/10	Private Forest	0.1637	No rights affected
		--	108/11	Private Forest	0.439	No rights affected
		--	108/12	Private Forest	0.0075	No rights affected
		--	112 Part	Private Forest	1.2477	No rights affected
		--	112/3/1	Private Forest	0.0319	No rights affected
		--	112/3/2	Private Forest	0.2279	No rights affected
		--	112/3/3	Private Forest	0.1757	No rights affected
		--	112/3/4	Private Forest	0.0983	No rights affected
		--	112/Part	Private Forest	0.4693	No rights affected
		--	112/5	Private Forest	0.1666	No rights affected
		--	112/6	Private Forest	0.1735	No rights affected
		--	112/7	Private Forest	0.5229	No rights affected
		--	112/8	Private Forest	0.0971	No rights affected
Total Area					5.6479	
	Malbidi	155	54	Reserved Forest	0.1928	No rights affected
Total Area					0.1928	
Bhiwandi	Supegaon	6	8//1 part	Private Forest	0.7748	No rights affected
		95	18	Protected Forest	0.0962	No rights affected
		22	22	Protected Forest	0.1443	No rights affected
Total Area					1.0153	
Bhiwandi	Vadpe	--	139	Reserved Forest	3.0105	03 IFR Rights affected
		--	138	Reserved Forest	0.0384	No rights affected
Total Area					3.0489	
Bhiwandi	Boriwali	54	--	Reserved Forest	0.3908	No rights affected
		56	--	Reserved Forest	0.4696	No rights affected
		20	--	Private Forest	0.059	No rights affected
		19	--	Private Forest	0.4573	No rights affected
		16//7	--	Private Forest	0.6446	No rights affected

FORM-I

(for linear projects other than Plantations)
[Rule 6(3) (e) of Forest (Conservation) Rules 2003 as amended up to date]

Government of Maharashtra
Office of District Collector Thane
No. RB/Desk. IV/T.2/FRA/Noc/CR-07/2021
Date 12/2022

12 JAN 2023

TO WHOMSOEVER IT, MAY CONCERN

In compliance of the Rule 6(3)(e) of the Forest (Conservation) Rules, 2003 [as amended vide the Forest (Conservation) Amendment Rules 2014; Forest (Conservation) second Amendment Rules 2014; and Forest (Conservation) Amendment Rules 2016] it is certified that 32.8271 hectares of forest land proposed to be diverted in favour of National Highways Authority of India PIU Thane for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to 97+783 in the State of Maharashtra in the Thane district for falls within the jurisdiction of Balvani, Manivali, Apte Tarfe Barhe village(s) in Kalyan tehsils. & Badlapu, Bhoj village(s) in Ambernath tehsils. It is further certified that:

Taluka	Village Name	Survey No	Forest Type	Area (ha.)	Current Status
Kalyan	Balyani	79	Protected Forest	0.133	No rights affected
		79	Protected Forest	0.0346	
	Manivali	32/4	Private Forest	0.4664	No rights affected
		32/2	Private Forest	0.093	
		32/3	Private Forest	0.2211	
		32/5	Private Forest	0.389	
		32/7	Private Forest	0.0146	
		32/8	Private Forest	0.4291	
		32/9	Private Forest	0.0476	
		32/10	Private Forest	0.0329	
		Apti trfe Barhe	56	Reserved Forest	
	38/1		Private Forest	0.2156	
	38/4		Private Forest	0.1624	
	38/3		Private Forest	0.899	
	38/5		Private Forest	0.2267	
	38/10		Private Forest	0.2421	
	38/9		Private Forest	0.0251	
			38/8	Private Forest	0.0160
			Total Area	7.6073	
Ambernath	Badlapur	257	Protected Forest	0.9184	No rights affected
		257	Protected Forest	0.6458	
		13A	Protected Forest	0.0491	
	Bhoj	88	Reserved Forest	23.6065	No rights affected
			Total Area	25.2198	
			Grand Total	32.8271	

- (a) the complete process of recognition and vesting of forest rights under the FRA has been carried out for the entire 32.8271 hectares of forest land proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s)/Ward Sabha(s), Sub- Division Level Committee(s) and the District Level Committee are enclosed as attachment-01...to attachment-37 ; **(As there are no forest rights claims received in the affected area by the said project, the ward committee meetings, sub-divisional level committee and the District Level Committee meetings have not been organized.)**
- (b) the diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA, 2006 have been completed and the Gram Sabhas have given their consent to it;
- (c) the proposed area does not involve recognized rights of Primitive Tribal Groups and Pre-Agricultural Communities.

Encl.: As above.

CC: 1. National Highways Authority of India PIU Thane

2. Sub-Division Officer, Kalyan, Ulhasnagar

3. Office Copy.



Sd/---
(Ashok Shingare)
Collector, Thane

Ashok Shingare
Collector, Thane

9/10/2022

FORM -I
(For linear projects other than Plantations)
[Rule 6(3)(e) of Forest (Conservation) Rules 2003 as amended up to date]
Government of Maharashtra
Office of the District Collector Raigad.

No.RB/LND/A-03/VANHAKKA/38433/2022

Dated :- 10 /08/2022.

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Rule 6(3)(e) of the Forest (Conservation) Rules, 2003 [as amended vide the Forest (Conservation) Amendment Rules 2014; Forest (Conservation) second Amendment Rules 2014; and Forest (Conservation) Amendment Rules 2016] it is certified that 14.2359 hectares of forest land proposed to be diverted in favour of GM (T) & Project Director, National Highways Authority of India for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Raigad district falls within jurisdiction of villages in Wangani trf Taloje, Karambeli, Shiravali - Panvel tehsils.

It is further certified that :

- a) the complete process of recognition and vesting of forest rights under the FRA has been carried out for the entire 14.2359 hectares of forest land proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committees, Gram Sabhas, Sub-Division Level Committees and the District Level Committee are enclosed as attachment I, II and attachment III.
- b) the diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA, 2006 have been completed and the Gram Sabhas have given their consent to it.
- c) The local tribal community is using 0.05.00 H.R. area for burial ground out of the total 696.40.00 H.R. area of Gut No.2 in Karambeli trfe Taloje. The remaining proposed area does not involve recognized rights of Primitive Tribal Groups and Pre-agricultural Communities.

Encl. :-

Details of proposed forest land (Attachment -IV)



Mahendra Kalyankar
(Dr. Mahendra Kalyankar)
COLLECTOR RAIGAD

Copy to :-1) Deputy Conservator of Forest Division, Ahoer

- 2) GM (T) & Project Director, National Highways Authority of India, Project Implementation Unit - Thane, MTNL Building, Opposite Babubhai Petrol Pump, LBS Marg, Near Castle Mill Circle, Thane (W) - 400601.

**Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km
0+000 to km 79+783 in Raigad district**

**DETAILS OF PROPOSED FOREST LAND
ATTACHMENT - IV**

Sr.No.	Name of Village	Survey/ Gut No	Area Under Proposal (Hector)
1	2	3	4
1	Wangani trf Taloje	Forest	2.4687
2	Wangani trf Taloje	15	0.0044
3	Wangani trf Taloje	22	0.6177
4	Wangani trf Taloje	13/1	3.0740
5	Karambeli	02	6.3492
6	Shiravali	22	1.7219
TOTAL			14.2359




 (Dr. Mahendra Karyankar)
COLLECTOR RAIGAD



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डिंग, बाबुभाई पेट्रोल पंप के सामने,

एल.बी.एस. मार्ग, कॅसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



Annex 8

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra.

Condition no.	Undertaking
viii	We undertake as under, 'To improve the Forest/Tree cover and to reduce pollution, as mandated in National Forest Policy, 1988 and Environmental (Protection) Act, 1986 respectively, the User Agency shall develop a separate nursery at one or more places to raise at least 75,000 seedlings of forestry species along with bamboo, fruit bearing, medicinal, ornamental and indigenous/local every year. At least 50% of seedlings shall be planted by User Agency in the vicinity of project area including forest area and for hand holding with local people residing in vicinity of proposed road, User Agency shall voluntary distribute remaining 50% of seedlings to them free of cost. A compliance report including species wise details of seedlings raised, location of plantation area and details of villagers whom seedlings have been distributed need to be prepared every six month and submitted to Regional Office of MoEF&CC'.

आपका भवदीय

(सुहास दे चिटणिस)

परियोजना निर्देशक

प. का. ई. ठाणे

Annex-9

Condition No: ix –Planation of native species

Annex-10

**Condition No: xi –Recommendation of Wildlife Conservation Plan by
PCCF (Wildlife), Maharashtra**



Forest Department

O/o Principal Chief Conservator of Forests (HoFF), Maharashtra State

Phone No.- 0712-2560953 Principal Chief Conservator of Forest (Wildlife) Maharashtra State

E-mail - pccfwlwg@mahaforest.gov.in Website - www.mahaforest.gov.in

"Van Bhavan", 3rd Floor, Rangiri Road, Civil Lines, Nagpur 440 001.

Desk-22(6)/Plan/C.R. 117/ 1569 /2021-22, Date 01/09/2021

To,
The Member Secretary (EAC)
Scientist "E",
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan,
3rd Floor, Vayu Wing, Jor Bagh Road
Ajigarj, New Delhi- 110 003
E-mail: adraj@nic.in

Subject: Development of 8-lane SPUR Starting from Km 26.582 of Vadodara - Mumbai Expressway Main Alignment (Design Chainage km. 01000 of SPUR) and terminating at proposed junction with the Multi-Modal Corridor of MMRDA (Design Chainage of SPUR km. 79.783) in the state of Maharashtra by M/s National Highway Authority of India (MoEFCC F. No. 10-29/2019-IA.III)
Regarding Wildlife Conservation Plan

- Ref: 1. Government of India, Ministry of Environment Forest and Climate Change, New Delhi letter No.F.No.10-29/2019-IA.III, dated 16/03/2020.
2. Additional Principal Chief Conservator of Forests, (Wildlife), West, Mumbai vide letter no. Cell-3/ Land/FC.A/F.No.75/20-21/1444 dated 27th August 2021.

The Ministry of Environment, Forest and Climate Change issued ToR for the captioned study vide letter dated 16th March 2020 (Ref-1) Point Nu. (xiii) and (xiv) of the Project Specific Conditions of the approved ToR says that:

(xiii) Since, the area is important from wildlife point of view and Schedule-I species exists in the study area (10 km radius of the proposed project), the proponent shall prepare a detailed Wildlife Conservation Plan along with adequate mitigation measures. The Wildlife Conservation Plan shall be approved by the Chief Wildlife Warden concerned

(xiv) The proponent shall also study wildlife corridor along the proposed alignment covering at least two seasons, winter and summer in consultation with Chief Wildlife Warden, Government of Maharashtra. The suggested mitigation measures should include options of long elevated stretches of the road to maintain and ensure continuity of animal movement between Tungreshwar and Tansa forest areas.

M/s National Highway Authority of India has prepared the Wildlife Conservation Plan for the project by conducting the study in two seasons (Winter and Summer) and submitted the Conservation Plan to the Additional Principal Chief Conservator of Forest, (Wildlife) West, Mumbai. A presentation on the Conservation Plan was made before the APCCF (Wildlife), West, Mumbai and all the concerned DCF (Wildlife and Territorial divisions) on 22nd July 2021 at Mumbai.

During the presentation, the APCCF (Wildlife), West, Mumbai suggested some modifications in the financial allocation in consultation with other members and also directed to all concerned forest divisions to convey their financial requirement on the said project.

Accordingly, the Deputy Conservator of Forests (Wildlife) Thane vide their letter no. Cell-4/Land/Mumbai-Vadodara/434/2021-22 dated 23/07/2021 conveyed the budget requirement of Rs. 100 Lakhs (Table-1)

Table 1: Financial Allocation for Wildlife Conservation Measures by DCF (WL) Thane

Sr. No	Item	Expected Expenditure (In Rs. Lakhs)
1.	Creation of Waterholes for Wildlife animals wherever necessary (20 no.)	15
2.	Supply of water in waterholes by Tanker (For Five Years)	5
3.	Purchase of Camera Trap (50 Nos)	10
4.	Purchasing of Instruments required for animal recuse	15
5.	For wildlife conservation information propaganda, fixing information flex wherever necessary	15
6.	For Forest and wildlife conservation, construction of Watch tower (5 Nos)	25
7.	Purchasing of Material for Guard unit	2
8.	Study of wildlife residence and movement	3
9.	Repairing and maintenance of existing Conservation Hut (5 no. Conservation Huts)	10
	Total	100

The Conservator of Forests and Director, Sanjay Gandhi National Park, Borivali vide their letter no. Desk -2/Land/481/2021-22 dated 20/08/2021 conveyed the budget requirement of Rs. 100 Lakhs (Table-2)

Table 2: Financial Allocation for Wildlife Conservation Measures by Conservator of Forests and Director, SN&P, Boriwali

Sr. No	Item	Expected Expenditure (In Rs. Lakhs)
1	Wildlife Patrolling Vehicle	10
2	Wildlife rescue equipment	10
3	Equipment for Animal Hospital for treatment of wildlife	20
4	Forest firefighting equipment	10
5	Forest protection camps (2 nos.) at Tungareshwar Wildlife Sanctuary with Watch tower	50
Total		100

The Divisional Manager, Forest Project Division, Thane vide their letter no. Vivya/PV/TD/Cell-7/Forest Land-Survey/1451/2021-22 dated 24/08/2021 conveyed the budget requirement of Rs. 104.1 Lakhs (Table-3)

Table 3: Financial Allocation for Wildlife Conservation Measures by DM, FDCM Thane

Sr. No	Item	Number	Rate in Rs.	Expected Expenditure (In Lakhs)
1	Deepening & removal of silt of existing waterholes under forest area.	15 Water holes	Approx. 20,000 per Water hole	3.00
2	For Wildlife Conservation & Wildlife counting purchase of Camera Traps	20 Camera Trap	Approx. 25,000 per Camera Trap	5.00
3	For Wounded /route wandering wildlife caging them and after treating them and releasing in their natural habitat for said work purchasing of Cages	4 Cages	Approx. 2,00,000 per Cage	8.00
4	For Wounded /route wandering wildlife caging them and after treating them and releasing in their natural habitat for said work purchasing Tranquilizing gun & other Medicines Full Kit	1 Kit	Approx. 1,00,000 per kit	1.00
5	Purchasing of Material for Forest and Wildlife purpose			

	A) GPS Etrex 30 x	20 GPS	30,000/- per GPS	6.00
	B) Binocular	4 Nos.	5,000/- per Binocular	0.20
	C) Search light / Torch	15	5,000/- per Search light/Torch	0.75
	D) Stick	10	500/- per Stick	0.05
	E) Helmet	10	1000/- per Helmet	0.10
6	For patrolling under Thane Project Division, forest area for conservation of wildlife purchasing of Vehicle	2 Vehicle (Sumo/ Bolero)	10,00,000/- per Vehicle	20.00
7	Conservation of rare flora species under affected forestland of Thane Project Division, conservation on the suitable area Preparation of Herbal Garden	1 Herbal Garden	60,00,000/- per Herbal Garden	60.00
Total				104.1

The Chief Conservator of Forests (T) Thane communicated that Dahahu and Thane Forest Divisions sent their requirement of funds required for Forest and Wildlife Conservation vide letter no. Cell-10/FC/E.No 01/2021-22/234/21-22 dated 26/08/2021 conveyed the budget requirement of Rs. 15 Lakhs and Rs. 60 Lakhs respectively (Table-4&5)

Table 4: Financial Allocation for Wildlife Conservation Measures by Dy Conservator of Forests, Dahahu Forest Division, Dahahu

Sr. No	Details	Quantity	Rate	Amount in Lakhs
1	Camera Trap for Inspection migratory path of Wildlife	10	15,000	1.50
2	Man – Animal Conflict or Cages for rescue & Treatment of wounded Leopard	4	2,50,000	10.00
3	GPS	10	25,000	2.50
4	Research on Wildlife habitat	-	-	1.00
Total				15.00

Table 5: Financial Allocation for Wildlife Conservation Measures by Dy Conservator of Forests (T), Thane Forest Division, Thane

Sr. No	Details	Quantity	Rate	Amount in Lakhs
1	Animal Rescue Vehicle	1	20.00	20.00
2	GPS	20	0.20	4.00
3	Camera Traps	75	0.28	21.00
4	Trap Cages	05	1.00	5.00
5	Rescue Equipment for Rescue team	-	10.00	10.00
Total				60.00

Therefore, total financial allocation proposed by the Forest Department (Wildlife Division and Territorial Forest Division) is **Rs. 3.79 Cr.** as given in **Table-6.**

Table 6: Total Financial Allocation proposed by the Forest Department

Sr. No	Details of Department/ Agency	Table No	Amount in Lakhs
1	Deputy Conservator of Forests (Wildlife) Thane	1	100.00
2	Conservator of Forests and Director, Sanjay Gandhi National Park, Borivali	2	100.00
3	Divisional Manager, Forest Project Division, (FDCM) Thane	3	104.00
4	Dy Conservator of Forests, Dahau Forest Division, Dahau	4	15.00
5	Dy Conservator of Forests (T), Thane Forest Division, Thane	5	60.00
Total			379.00
Rs. 3.79 Cr.			

As per **Table No 6** all respective five divisions have conveyed their cost for implementation of the conservation measures in project area of their respective divisions.

Apart from the above, M/s National Highway Authority of India has proposed **Rs. 173.39 Crore** under civil construction for construction of animal overpass, dedicated animal crossing and Small Vehicular / Animal Underpasses (**Table-7**) which is also part of the mitigation cost.

Table 7: Cost of Animal Overpass, Dedicated Animal Crossing and Animal Underpass

SL No.	Description	Unit	Unit Cost (In Cr.)	Total(In Cr.)
1	Animal overpass	2 no.	11.025	22.05
2	Dedicated Animal Crossing	53 no.	1.66	87.98
3	Small Vehicular / Animal Underpasses	33 no.	1.92	63.36
Total Amount In Crore				173.39

The total financial allocation proposed for implementation of the Wildlife Conservation Plan including its implementation responsibility, as approved from this office is given in Table-8. The Project Director, M/s National Highway Authority of India, PUNE-Thane has agreed to defray the cost of Wildlife Conservation measure to the forest department.

Table-8 Approved Financial Allocation for Wildlife Conservation Measures

Description	Amount (in Cr.)	Implementation Responsibility
Civil Cost for construction of Animal Overpass, Dedicated Animal Crossing and Animal Underpass	173.39	Shall be implemented by the NHAI through the Contractor
Cost of conservation / mitigation suggested by the Forest Department	3.79	Shall be implemented by the Forest Department. NHAI will transfer the fund to the Forest Department
Total Financial Allocation	177.18	

In view of the above the Wildlife Conservation Plan is approved with the mitigation measures suggested in this plan with following terms and conditions:

1. This Wildlife Conservation plan shall be strictly followed till completion of the construction of said project by the above respective divisions
2. M/s National Highway Authority of India shall defray the said cost of Rs. 3.79Cr. soon after according Environment Clearance from the MoEFCC. 'No objection Certificate' shall be obtained after payment of said amount from the APCCF (Wildlife), West, Mumbai before start of the construction.

3. M/s National Highway Authority of India shall construct the Animal Overpass, Dedicated Animal Crossing and Animal Underpass through Contractor as per the approved plan.
4. M/s National Highway Authority of India shall also implement conditions imposed by the MoEFCC separately as directed in the Environment clearance.
5. There shall be no change in this plan without prior approval of this office by the undersigned.
6. M/s National Highway Authority of India shall obtain other requisite clearances (as applicable) from the concerned departments / authorities before commencement of the work.
7. Felling of trees shall be strictly followed as per approval of Diversion of Forest land proposal under Forest (Conservation) Act 1980
8. No harm shall be done to Forest & Wildlife due to negligence during Construction of this project.
9. M/s National Highway Authority of India shall engage Supervision Consultant for evaluation of construction work and monitoring of implementation of this wildlife Conservation Plan by respective Forest Department. The Supervision Consultant shall submit six monthly progress report and present the same before the committee constituted as below:

Monitoring and Evaluation Committee for this project

Sr. No.	Details of Committee member	Position
1	Additional Principal Chief Conservator of Forests, (Wildlife), West, Mumbai	Chairman
2	Dy Conservator of Forest (WL) Thane	Member
3	Director, Sanjay Gandhi National Park, Borivali	Member
4	Divisional Manager, Forest Project Division, (EDCM) Thane	Member
5	Dy Conservator of Forests, Dahamu Forest Division, Dahanu	Member
6	Dy Conservator of Forests (T), Thane Forest Division, Thane	Member

Annex-11

Condition No: xi –Approval of Matheran Monitoring Committee



महाराष्ट्र शासन



महाराष्ट्र शासन
परिवहन विभाग

निकाशकारी/विकासक/प्रकारिकार/मध्यम/महानगर प्रकल्प
संज्ञकसंकेत: 02141-222118/227117/222123/02141-227431/0
ई मेल: nikash@mmrda.org

क्र.सं. जा.सं. (अ.स.) माधेगन मो.नि. वागटो/SHA1/२०२२
प्रति,

दिनांक- १२.०३.२०२२

परियोजना निदेशक,
भारतीय राष्ट्रीय राजमार्ग अधिकरण,
परियोजना कार्यसंयोजन विभाग - ठाणे,
एम टी एन.एल. बिल्डिंग, जवाहर नेशनल प्यारकोर,
एलबीएस मार्ग, केमल पिल स्कूल जवळ, ठाणे (प) - ४०० ६०१

विषय :- Development of 8- lane SFUR starting from Km 26.582 of
Vadodara - Mumbai Expressway Main Alignment and
Terminating at proposed Junction with the Multi-Modal
Corridor of MMRDA.

संदर्भ :- 1.आप्लेकॅडल पत्र क्र. SHA1/ PUU-Travel VME /6/ 2021-
22/1262, दिनांक 11.12.2021.
2.माधेगन मोनियंरणा माहितीच्या घेटीकचें इतिवृत्त दिनांक 18.01.2022 व
दिनांक 23.02.2022

महोदय,

आपले कडील उद्योगा/प्रकल्पाचे अनुषंगाने, मुंबई-वडोदरा एक्सप्रेस व मल्लिमांडल कोरिडोर तयार करण्याबाबत माधेगन इन्फोस्ट्रक्चर ऑनम्प्लेल कामकारना माधेगन मोनियंरणा इतिवृत्ताच्या नादरकल बाबतचें अनुषंगाने यादर प्रस्तुत दिनांक 11.12.2021 नुसर प्रकरणी माधेगन मोनियंरणा निर्मितीच्या दिनांक 18.01.2022 तसेच दिनांक 23.02.2022 रोजीच्या अर्थोजिन्त घेटीकचें चर्चा करणे आलेली असून, तदर घेटीक दिनांक 18.01.2022 तलेच दिनांक 23.02.2022 च्या घेटीकच्या इतिवृत्तचें आधारेत मोदत माहितीकर्त. पाठविली आहे.

(डॉ. अनुराग वैनाड;
निवासी उपजिन्तधिकारी
रायगड- अलिबाग

Minutes of the Meeting of Matheran Monitoring Committee dated 18.01.2022

The meeting of Matheran Eco-sensitive Zone Monitoring Committee was held on 18th January 2022 at 12.30 p.m through Video Conferencing and it was presided over by Sri K. P. Bakshi, Chairman, MESZ.MC. Following members were present for the said meeting-

1	Dr Rakesh Kumar, Environment Expert	Member
2	Mr. David R. Cardoz (Arch, Heritage Expert)	Member
3	Mr. Bhushan Gagrani, Principal Secretary, Urban Development Department -1	Member
4	Mr. Mahesh Pathak, Principal Secretary, Urban Development Department -2.	Member
5	Mr. Joy Thakur, Representative of Principal Secretary, Environment & Climate Change Department, Gov Of Maharashtra	Member
6	Mr. Bharat Sharma, Director, CPCB	Member
7	Mr. Suresh Kumar Adapa, Member of Regional Office MoEF, Nagpur	Member
8	Dr Mahendra Kalyankar, District Collector, Raigad	Member Secretary

After ascertaining the quorum, the Chairman welcomed all the members and requested the Collector, Raigad & Convener of the Committee to start the meeting. Dr Mahendra Kalyankar Collector, Raigad & Convener MESMZC briefed the members on all issues.

Agenda

- 1) Confirmation of minutes of previous meeting held on 30.12.21
- 2) Discussion on the Writ Petition No. 17700/2021.
- 3) Regarding Recommendation and grant of Approval for construction of Tunnel in Section-I and structure and alignment in Section-2 in Matheran Eco Sensitive Zone and Buffer bound areas, as demanded by NHAI vide letter dated. 11.12.2021.

Item no	Subject	Discussions	Decision of the MESZMC
1	Confirmation of minutes of previous meeting.	Minutes of the previous MESZMC meeting held on 30.12.21 were sent to all the members with the permission of the Chairman. Some minor corrections were suggested by Mr David R Cardoz in the minutes at Sr. No. 2, 26, 30. Dr Kalyankar informed the committee that all minor changes as suggested by Mr. David R Cardoz have been incorporated in the minutes and he proposed that the minutes may be confirmed. Accordingly it was unanimously decided to confirm the minutes of the last MMC meeting dated 30.12.21	Minutes of previous MESZMC meeting held on 30.12.21 were confirmed
2	Discussions on the Writ Petition No. 17700/2021	Mr Cardoz informed the committee that the Fire Engine and Ambulance were allowed in Matheran city limits as per the Hon'ble Supreme Court order and the use of tractors was prohibited as per the 2004 notification. Hence use of 3 E-Rickshaws on pilot basis for a period of three months should be allowed with the prior permission of the Hon. Supreme Court. Chairman agreed to the suggestion of Mr Cardoz. Dr Kalyankar briefed the committee that two letters have been written to Joint Secretary MoEF, New Delhi and Adviser, MoEF, New Delhi to request Hon'ble Supreme Court of India for granting permission to ply E-rickshaw in Matheran Eco Sensitive Zone. It was unanimously decided, after due deliberations, that the Collector & Convener of MESZMC may please request the Joint Secretary, MoEF with a copy to the Principal Secretary Environment, Government of Maharashtra about the decision of this committee regarding allowing 3 E-Rickshaws in Matheran Municipal limits on pilot basis for a period of 3 months, subject to the prior permission of Hon. Supreme Court. Hence necessary action may be taken at their end.	Collector & Convener of MESZMC may please request the Joint Secretary, MoEF with a copy to the Principal Secretary Environment, Government of Maharashtra to take necessary action for obtaining the permission of Hon. Supreme Court for allowing 3 E-Rickshaws in Matheran Municipal limits on pilot basis for a period of 3 months.

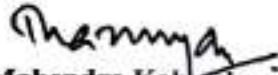
3	<p>Regarding Recommendation and grant of Approval for construction of Tunnel in Section-1 and structure and alignment in Section-2 in Matheran Eco Sensitive Zone and Buffer bound areas, as demanded by NHAI vide letter dated, 11.12.2021.</p>	<p>Dr Rakesh Kumar wanted to know why MoEF wanted revalidation of the approval, because approval letter was already issued earlier also.</p> <p>Chairman pointed out that since the previous letter was signed by Mr Ranganathan, the then Chairman on a plain paper and not on the official letterhead of The MESZMC there was a confusion whether the letter was signed after the Committee deliberations or not. Therefore, the PD, PIU Thane, NHAI wrote to the Collector in 2021. Collector vide her letter in March 2021 informed that the project was discussed in the meeting and that the records are available in the office of the Collector Raigad and further affirmed that the letter still stands. Moreover, there were some changes in the design of the tunnel. That's why they want the proposal to be revisited and requested for formal approval and communication on official letterhead of the MESZMC.</p> <p>Collector agreed to provide the official letterhead in due course.</p> <p>Dr Rakesh Kumar further said that two issues need attention. Firstly impact due to vibration that will take place during execution is more important than noise. Similarly issue of socioeconomic aspect has not been highlighted in the current presentation, although this must have been covered in EIA report. Copy of EIA report has not been provided to the committee members.</p> <p>Mr Cardoz informed that the Environmental Impact Assessment (EIA) Study was asked earlier in 2013 and NHAI informed that the study will be conducted after finalization of the alignment. Now the EIA report has been finalized in October 2021 but the report has not been circulated among the members. Hence he requested to provide the copy of the report and expressed concern about debris management.</p> <p>PD PIU, NHAI replied that around 12.5 lakh cum of debris is expected to be generated. 85% of the debris is proposed to be reused in the highway construction and 15% would be dumped on sites in consultation with the district authorities. PD PIU, NHAI committed that these identified sites will be outside of the ESZ and not in river courses, natural spring or water bodies.</p>	<p>PD PIU NHAI, Thane to circulate the soft copy of the EIA to all members and Collector to re-convene the meeting of this committee after about 2 weeks.</p>
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	<p>Mr. David Cardoz further said that 100% debris should be utilized as most of the debris will be Basalt which is a very good building material.</p> <p>PD informed that they will try to utilise all the material in highway construction and other related works unless the material is found unsuitable. They further confirmed that the debris shall not be dumped in ESZ area and shall be dumped in area beyond ESZ with consent of District Administration.</p> <p>Dr Rakesh Kumar wanted that the monitoring of the progress of work including debris management, when NHAI starts construction, will be more crucial than whatever is written in the paper and that is why monitoring committee should look at who and how to monitor this.</p> <p>Dr Cardoz requested to clarify whether the tunnel is proposed to start before the buffer zone and will end after the buffer zone.</p> <p>PD, PIU Thane, NHAI confirmed that the tunnel is proposed to start before the buffer zone and will end after the buffer zone.</p> <p>Mr. David Cardoz raised his concern regarding blasting during tunnel construction.</p> <p>The PD PIU clarified that rock mass behaviour of the tunnelling area show wide variation, hence, New Austrian Tunnelling Method (NATM) has been proposed in accordance with relevant codes of Bureau of Indian Standards and Indian Road Congress (IRC) and controlled blasting will be carried out when it is inevitable and in low intensity under the supervision of experts with the permission of the concerned authorities.</p> <p>Mr. Mehesh Pathak, PS, UDD-II suggested that vibrations are more important than noise. He further opined that the rock mass is of mixed type and also involves massive basalt and that may require blasting. However the blasting should be kept to minimum.</p>
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	<p>and during daytime only. He further raised concern about vibration analysis & monitoring proposed during construction in the EIA Report.</p> <p>Mr. Bharat Sharma from CPCB raised concern about noise level during construction and operation stage and noise modelling carried out for the project.</p> <p>PD PIU NHAI presented the details of baseline noise monitoring, noise modelling carried out for the project and vibration analysis results. He further explained that environmental monitoring during construction and operation phases for all environmental attributes such as air, noise, ground water, surface water, soil and vibration has been detailed out in Chapter-6 of the EIA Report.</p> <p>Mr. Suresh Kumar from Regional Office MOEF Nagpur said that the NHAI should provide the copy of the EIA Report to all members for review.</p> <p>PD PIU NHAI confirmed that copy of the Final EIA report will be shared to all the committee members for review.</p> <p>Mr Cardoz said that in-principle approval of the VME-SPUR alignment was given in the first meeting in 2012 as it is a project of National importance. During that time it was suggested to shift the alignment 200m to save Section-II of the proposal. However, it could not be done and now it is too late for that.</p> <p>Chairman said that deciding and freezing the alignment of such a project is the final outcome of a long drawn process and many aspects including environmental impact, cost, time, convenience of the users, technical feasibility etc. are examined scrupulously. We understand that after several corrections, the NHAI and Ministry have finalized this alignment and already 9 to 10 years of time has elapsed. NHAI has addressed all the observations and concerns of this committee raised so far. PD has also further informed that details of analysis of alignment alternatives are given in Chapter-5 of the EIA Report. Therefore the approval is now long overdue. Chairman requested the PD PIU Thane to circulate the soft copy of the EIA to all members and suggested</p>	
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MOM 18.01.2022

		that we re-assemble after a couple of weeks to take final decision.	
4	Any other subject with the permission of the Chair	It was unanimously agreed to. Since there was no other subject to be discussed, it was decided to close.	



Dr. Mahendra Kalyankar, IAS
Member Secretary,
Matheran Monitoring Committee



K. P. Bakshi, IAS (Retd.)
Chairman
Matheran Monitoring Committee

Minutes of the Meeting of Matheran Monitoring Committee dated 23.02.2022

The meeting of Matheran Monitoring Committee was held on 23rd February, 2022 at 2.30 p. m. and it was presided over by Hon'ble Chairman Shri. K. P. Bakshi. The following members/office bearers were present for the said meeting-

1	Hon'ble Chairman Mr. K. P. Bakshi	Chairman
2	Dr. Rakesh Kumar, Environment Expert	Member
3	Mr. David R Cardoz (Arch, Heritage Expert)	Member
4	Mr.Mahesh Pathak, Principal Secretary, Urban Development Department -2.	Member
5	Mr. Joy Thakur, Representative of Principal Secretary, Environment & Climate Change Department, Government of Maharashtra	Member
6	Mr.Bharat Sharma , Director , CPCB	Member
7	Mr. Suresh Kumar Adapa, Member of Regional Office MoEF, Nagpur	Member
8	Dr. Mahendra Kalyankar, District Collector, Raigad	Member Secretary

The Member Secretary, Dr. Mahendra Kalyankar started the meeting by greeting all the members of the committee. The Member Secretary briefed the meeting on all the issues.

Agenda of the Meeting :

- 1) Discussion on minutes of previous meeting.
- 2) Regarding Recommendation and grant of Approval for construction of Tunnel in Section-1 and structure and alignment in Section-2 in Matheran Eco Sensitive Zone and Buffer bound areas, as demanded by NHAI vide letter dated 11.12.2021.

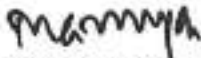
3) Issues regarding Matheran Nagar Parishad -

- i) Repairing of drainage of rain water near Madhumalati Hotel, within the area of Matheran Municipal Council.
- ii) Taking decision about construction of Alarm Clock Tower with siren system, within the area of Matheran Municipal Council.
- iii) Taking decision about construction of FSTP project within the area of Matheran Municipal Council.

Sr. No.	Details of Discussion		Decision Taken
	Subject	Discussion	
1	Regarding Recommendation and grant of Approval for construction of Tunnel in Section-1 and structure and alignment in Section-2 in Matheran Eco Sensitive Zone and Buffer bound areas, as demanded by NHAI vide letter dated 11.12.2021	<p>Development of 8-lane SPUR Starting from Km 26.582 of Vadodara - Mumbai Expressway Main Alignment (Design Chainage 0+000) and terminating at proposed Junction with the Multi-Modal Corridor of MMRDA (Design Chainage 79+783) in the state of Maharashtra - Revalidation of approval granted by the Matheran Monitoring Committee in 2012-2013 for VME-SPUR alignment in Matheran Eco-Sensitive Zone.</p> <p>The proposal was considered in the 4th meeting of the Matheran Monitoring Committee held on 23rd February 2022. NHAI presented details of environmental monitoring proposed to be carried out during construction phase as well as operation phase of the project including its institutional & implementation arrangement.</p> <p>The Project Director, NHAI committed that conditions of all statutory clearances such as</p>	<p>The Committee has suggested following specific conditions while implementation of the project:</p> <p><u>Specific Conditions:</u></p> <ol style="list-style-type: none"> 1) All provisions of the Environmental Management Plan given in the EIA Report as well as conditions of Environment, CRZ & Forest Clearance to be implemented in true spirit 2) NHAI will submit the monthly report (in soft copy) about the work progress, implementation of EMP provisions and compliance of conditions in the Matheran Area to the Member Secretary of the Committee. If the Committee observe that there is any violation or any specific issue require attention, the Member Secretary will designate officers from Revenue Department or if it is felt some expert from Committee shall be designated to visit the site. After site visit, if any issue is observed regarding non-compliance, NHAI has to give justification of the same and will

		<p>Environment Clearance, CRZ clearance, Forest Clearance, Clearance of Matheran Monitoring Committee will be implemented in true spirit and will keep the Matheran Monitoring Committee updated about the progress of work. Report will be submitted to the Committee at regular interval and honourable Committee members may visit the site at any point of time to monitor actual implementation on the ground.</p> <p>After detailed deliberation, the committee recommended the proposal for approval</p>	<p>be responsible to implement the corrective action suggested by the Committee.</p> <p>3) The approval shall be subject to condition that the Project Proponent should obtain Forest Clearance for the project from the MoEFCC before to start of the work in Matheran area. Further, the Project Proponent shall inform the Matheran Monitoring Committee prior to taking up the work of tree felling in Matheran area.</p> <p>All the above mentioned conditions are applicable for the stretch of the proposed expressway passing through the Matheran Area.</p>
2	<p>Issues regarding Matheran Nagar Parishad -</p> <p>i) Repairing of drainage of rain water near Madhumalati Hotel, within the area of Matheran Municipal Council</p>	<p>The project was discussed in the committee. The site has been inspected by the sub-committee & repairs are being allowed as suggested by the sub-committee & also minutes of field visit of Matheran monitoring sub-committee carried out on 27th Jan & 28th Jan 2022 is also approved.</p>	<p>Permission is Granted for repair.</p>
3	<p>ii) Taking decision about construction of Alarm Clock Tower with siren system, within the area of Matheran Municipal Council.</p>	<p>The issue is discussed in committee. However it was suggested, that Matheran Municipal Council, Should give all details regarding this system to the Monitoring Committee.</p>	<p>Matheran Municipal Council has to submit DPR to all members and this subject will be taken for discussion in the next meeting of Matheran Monitoring Committee.</p>
4	<p>iii) Taking decision about construction of FSTP project within the area of Matheran Municipal Council.</p>	<p>The Faecal sludge treatment plant (FSTP) discussed in the committee. The sludge generated by the toilets at Matheran Municipal Council is not processed in any way. This matter is of serious nature and it is very necessary to set up a FSTP for the treatment of</p>	<p>Permission Granted and the Chief Officer will take further necessary action to implement FSTP project within the area of Matheran Municipal Council.</p>

		<p>sludge and approval is being given in this regard.</p> <p>Although all the members discussed that, they have to go through all details of FSTP like, Estimate, Government Resolution (GR), Technical Section (TS) and Approval. They will decided to give permission, after meeting. Chief Officer, Matheran Municipal Council send all details to committee members and all members has given concert to FSTP.</p>	
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Dr. Mahendra Kalyanekar, IAS
Member Secretary,
Matheran Monitoring Committee



K. P. Bakshi, IAS (Retd.)
Chairman,
Matheran Monitoring Committee

Annex-12

Condition No: xii –Environmental Clearance

File No. 10/29/2019-IA.III
[Proposal No. IA/MH/NCP/283349/2022]
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan,
JorBagh Road, Aliganj
New Delhi - 110 003

Dated: 23rd August, 2022

To

The General Manager
M/s National Highways Authority of India
G-5 & 6, Sector-10, Dwarka, New DELhi-110075.

Subject: Development of 8-lane SPUR Starting from Km 26.582 of Vadodara -Mumbai Expressway Main Alignment (Design Chainage 0+000) and terminating at proposed Junction with the Multi-Modal Corridor of MMRDA (Design Chainage 79+783) in the state of Maharashtra (Length 79.783) by M/s National Highways Authority of India – Corrigendum reg.

Sir,

This has reference to the your proposal no IA/MH/NCP/283349/2022 received on 13th July, 2022 through PARIVESH Portal seeking corrigendum in Environmental Clearance(EC) issued vide letter no 10-29/2019-IA.III dated 12.04.2022.

2. M/s National Highways Authority of India accorded the EC and CRZ clearance vide letter no. 10-29/2019-IA.III dated 12.04.2022 for Development of 8-lane SPUR Starting from Km 26.582 of Vadodara -Mumbai Expressway Main Alignment (Design Chainage 0+000) and terminating at proposed Junction with the Multi-Modal Corridor of MMRDA (Design Chainage 79+783) in the state of Maharashtra (Length 79.783).

3. However the Subject of the EC letter dated 12.04.2022 mentions 'Grant of Environmental Clearance (EC) to the proposed Project activity under the provision of EIA Notification 2006-regarding'. Thus the instant proposal is seeking factual corrections in the EC letter dated 12.04.2022 as details below:

As per EC letter dated 12.04.2022	Factual correction sought by the proponent in the EC letter dated 12.04.2022
Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding	Grant of Environmental Clearance (EC) and CRZ Clearance to the proposed Project Activity under the provision of EIA Notification 2006-regarding



4. The proposal has been examined in the Ministry in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and noted that an inadvertent typographical/technical error is occurred during automated EC generation process on the PARIVESH Portal. After examination of the instant proposal of M/s National Highways Authority of India the Ministry hereby decided to issue corrigendum in the EC letter dated 12.04.2022 w.r.t. factual corrections in the subject of the EC dated 12.04.2022. The revised subject shall be read as following:

“Grant of Environmental Clearance (EC) and CRZ Clearance to the proposed Project Activity under the provision of EIA Notification 2006-regarding”.

5. All other terms and Conditions mentioned in the Environmental Clearance letter no. 10-29/2019-IA.III dated 12.04.2022 shall remain unchanged.

6. The PP shall obtain fresh Environment Clearance in case of change in scope of the project if any.

7. This issues with the approval of the Competent Authority.


(Amardeep Raju)
Scientist 'E'

Copy to:

- I The Principal Secretary, Department of Forests & Environment and Chairman, MCZMA, Govt. of Maharashtra, Annexe Building, Mantralaya, Mumbai- 32.
- II The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
- III The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Points, 3rd & 4th Floor, Opp. Cine Planet, Sion Circle, Sion, Mumbai-400 022, Maharashtra.
- IV The APCCF (C), MoEF& CC, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur-440 001, Maharashtra.
- V Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
- VI Guard File/Record File.
- VII Notice Board.


(Amardeep Raju)
Scientist 'E'



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The General Manager
National Highways Authority of India
G-5 & 6, Sector-10, Dwarka, New Delhi-110075, G-5 & 6, Sector-10,
Dwarka, New Delhi-110075, South West, Delhi-110075

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/MIS/110764/2019 dated 15 Oct 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|---|--|
| 1. EC Identification No. | EC22A034MH143498 |
| 2. File No. | 10-29/2019-IA.III |
| 3. Project Type | New |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 7(f) Highways |
| 6. Name of Project | Development of 8-lane SPUR Starting from Km 26.582 of Vadodara - Mumbai Expressway Main Alignment (Design Chainage km. 0+000 of SPUR) and terminating at proposed junction with the Multi-Modal Corridor of MMRDA (Design Chainage of SPUR km. 79.783) in the state of Maharashtra (Total Length is 79.783 km) |
| 7. Name of Company/Organization | National Highways Authority of India |
| 8. Location of Project | Maharashtra |
| 9. TOR Date | 16 Mar 2020 |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 12/04/2022

(e-signed)
Amardeep Raju
Scientist E
IA - (INFRA-1 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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2. The proposed Vadodara Mumbai Expressway (VME) – SPUR is a Greenfield alignment, which starts at km 26.582 of main alignment of the Vadodara Mumbai Expressway at Koshimb village of Palghar district at Ch. 0+000 and terminate at the proposed junction with the Multi-Modal Corridor of Mumbai Metropolitan Region Development Authority (MMRDA) in Morbe village of Raigad district at Ch. 79+783. Total length of the VME-SPUR alignment is 79.783 km; out of which 18.900 km lies in Palghar district, 55.260 km lies in Thane district and remaining 5.623 km lies in Raigad district of Maharashtra.
3. The proposed alignment is passing through 68 villages and 6 Talukas (Vasai, Wada, Bhiwandi, Kalyan, Ambarnath and Panvel) in the State of Maharashtra.
4. The proposal was considered by the Expert Appraisal Committee (EAC) in its 220th meeting held on 26 July, 2019 and 232nd meeting held on 27th February, 2020 for the ToR. The ToR was issued vide F. No. 10-29/2019-IA.III dated 16th March 2020.
5. The geo-coordinates of project site are starting point 19°29'19.44"N, 72°52'58.86"E, 19° 3'59.65"N, 73°10'49.57"E. Length of the proposed expressway is 79.783 km. Virar Railway Station is located at a distance of approx.11.5 km from the start point of the expressway and Pavel Junction Railway Station is located at a distance of approx.12.6 km from the end point of the expressway. Chhatrapati Shivaji International Airport / Mumbai Airport is approx. 30 km from the start point of the proposed expressway.
6. About 7 major bridges, 6 major bridge cum viaduct, 23 minor bridges, 7 interchange, 3 flyover, 2RoB,4.160 km tunnel, 5 vehicular underpasses, 8 vehicular overpass, 29 light vehicular / pedestrian underpasses, 2 animal overpass, 53 dedicated animal crossing (box culvert), 33 small vehicular / animal underpasses,185 culverts, toll plaza at 7 locations, truck parking at 2 locations, wayside amenity at 1 location, smaller parking with toilet facilities at 2 locations and connecting roads at the identified locations for a length of 2.389 km on left side and 5.170 km on right side have been proposed along the expressway.
7. The proposed project falls under 7(f), Category-A, Highway as per EIA notification 2006. Total Project Cost including Centage & Pre-construction Cost is Rs, 10,510 Cr.
8. The proposed Right of Way (RoW) in general is 100 m in non-forest area and 70 m forest area except at interchanges, highway amenities, truck parking, where additional land shall be required as per actual design.
9. The proposed alignment is passes through plain, rolling and hilly terrain with elevation varies from about 3 m to 639 m above MSL.
10. Public Hearing was conducted in three District Raigad on 15th March 2021, Thane on 16th March, 2021 and Palghar on 24th March, 2021.
11. The proposed project involves diversion of approx. 122.6133 ha Forest Land. Proposal has been uploaded on 6th November 2020 (FC Proposal No. FP/MH/ROAD/53857/2020) and it is under examination with the State Government.
12. The proposed SPUR alignment is located at a distance of 0.619 km from the boundary of the Tungareshwar Wildlife Sanctuary and at a distance of 0.275 km from the notified ESZ boundary.

13. The proposed alignment passes through Matheran Eco-Sensitive Zone from km 71+532 to 75+426(both buffer and eco-sensitive zone) and from km 77+115 to km 77+691 (only buffer zone).

14. Water requirement: The total water demand of the project is 23,75,760 KL. In compliance to the Sub-Clause 111.8.3 of MoRTH Specifications, the contractor will identify the nearest source of water body at plant and camp site and shall source the water preferably from surface water bodies, rivers, streams in the project area. Only at locations where surface water sources are not available, the contractor shall contemplate extraction of ground water, after intimation and consent from the CGWB. As per the CGWB classification, all the Talukas, through which the proposed VME-SPUR is passing, fall under “safe” category. During the operations phase the water would be required primarily for domestic use at the toll plaza and landscaping.

15. Daily water requirement for drinking & domestic purposes in the 4 construction camps are 42,000 liters (10,500 liters in each construction camp) and generation of wastewater is 33,600 liters (8,400 liters in each construction camp). Therefore, Packaged Wastewater Treatment Plant has been recommended for each construction camp.

16. Refuse Containers will be provided at site for the management of domestic waste generated by the construction laborers and these containers shall be emptied at least once daily and will be disposed of as per SWM Rules, 2016 in consultation with the local authority.

17. Tree cutting: Loss of flora will occur due to vegetation clearing within the proposed ROW. There are approximately 55,355 trees within the proposed RoW; out of which 13,839 trees in forest land and 41,516 trees in non-forest land. About 69,680 no. of trees and 40,098 no. of hedges have been proposed to be planted under greenbelt development plan. Preference to native species including fruit species shall be given. These species are valuable from the socio-economic point of view. Plantation will be maintained upto 5 years and protected from cattle, wildlife and illegal felling. Dead saplings will be replaced to maintain the survival percentage of 90%. A capital cost provision of about Rs. 14.46 Crore has been kept for greenbelt development.

18. As per the CGWA classification, all the Talukas (Vasai, Wada, Bhiwandi, Kalyan, Ambarnath and Panvel) through which the proposed expressway is passing fall under safe category. However, as per MoRTH requirement rainwater harvesting structure has been proposed. 75 numbers (1 structure in every km excluding tunnel area) of Rain water harvesting with provision of oil filters and de-silting chambers shall be provided along the expressway as per requirement of IRC SP: 42-2014 and IRC SP: 50-2013.

19. The proposed VME-SPUR alignment crosses tidal influenced parts of a small nala (connected to Tansa River), the Bhatsa River and Kalu River. CRZ map and report has been prepared by the National Centre for Earth Science Studies (NCESS), Thiruvananthapuram. Length of the proposed expressway in CRZ area is 609 m and total area in CRZ is 6.972 ha.

Location	CRZ IA		CRZ IB	CRZ II	CRZ III	CRZ IVA	CRZ IVB
	Mangrove	Mangrove Buffer					
KashidKopar	-	-	141.19	-	1533.8	-	280.47

Sange	-	-	2161.09	-	9093.73	-	4810.18
Konderi	-	-	938.22	-	9355.1	-	1488.8
Sangode	-	-	3889.35	-	16573.49	-	10472.23
Balyani	-	-	0	8978.1	0	-	0
Total (in sq. m.)			7129.85	8978.1	36556.12		17051.68
Total (in ha)			0.713	0.898	3.656		1.705
Grand Total = 69715.75 Sq. m / 6.972 ha							

20. The CRZ proposal was considered by the Environment and Climate Change Department, Government of Maharashtra on 21st September 2021 and recommended the proposal for grant of CRZ clearance to MoEF&CC, New Delhi vide letter dated 29.09.2021 with certain conditions.

21. The project falls under permissible activities as per the CRZ Notification, 2011.

22. R&R Issues: The land required for construction of proposed expressway is tentatively 1031.91 ha, which includes 122.6133 ha forest land and 909.2967 ha non-forest land. Land will be acquired by the CALA (Competent Authority for Land Acquisition) as per National Highways Act, 1956 and relevant provisions of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (RFCTLARR) Act, 2013 & amendment of State Government.

23. Total manpower requirement is 2200 out of which 1400 manpower will be required during construction phase and 800 during operation phase.

24. Benefits of the project: The spur connects the main expressway to JNPT, Maha Samrudhi Marg (Mumbai-Nagpur Expressway) and Mumbai Pune Expressway. Therefore, the traffic bound for JNPT, Nagpur and Pune will play on SPUR and will not enter the Mumbai city. This will reduce both traffic congestion and pollution in the city. The Vadodara Mumbai Expressway with Spur is linking already existing Ahmedabad- Vadodara Expressway, Delhi-Vadodara Expressway, Mumbai –Nagpur Expressway and Mumbai Pune expressway and thus will provide expressway connectivity between Delhi-Mumbai-Nagpur-Pune. The expressway along with SPUR will provide connectivity to Dahej Port and Jawahar Lal Nehru Port (JNPT) thus facilitating imports and exports from these two ports. The project will be beneficial to Local Trade and Economy and will provide employment opportunity.

25. The PP has submitted the recommendations of the Matheran Monitoring Committee. The Matheran Monitoring Committee recommended the proposal for approval during its 4th meeting held on 23.02.2022. The Office of the District Collector, Raigad vide letter dated 22.03.2022 forwarded the copy of the minutes of the meeting of the Monitoring Committee.

26. Details of Court cases: No court case is pending against the proposed project.

27. The EAC based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues during 279th meeting on 15th November 2021, recommended the project for grant of environmental clearance and stipulated specific conditions along with other Standard EC Conditions.

28. The Ministry of Environment, Forest and Climate Change has considered the proposal based on the recommendations of the Expert Appraisal Committee (Infrastructure, CRZ and other Miscellaneous projects) and hereby decided to grant Environmental Clearance and CRZ clearance for the “Development of 8-lane SPUR Starting from Km 26.582 of Vadodara - Mumbai Expressway Main Alignment (Design Chainage 0+000) and terminating at proposed Junction with the Multi-Modal Corridor of MMRDA (Design Chainage 79+783) in the state of Maharashtra (Length 79.783) by M/s National Highways Authority of India” under the EIA Notification, 2006 as amended, subject to strict compliance of the following specific conditions, in addition to all standard conditions applicable for such projects.

SPECIFIC CONDITIONS

Statutory Provisions

- i. All recommendations/decision taken by the Matheran Monitoring Committee (MMC) in its meeting dated 23.02.2022 shall be strictly complied with.
- ii. The proponent shall obtain Forest Clearance for diversion of forest land as per Forest (Conservation) Act, 1980. Proponent shall submit an undertaking that work on non-forestry land may only be executed upto such point (to be selected by the user agency) on either side of forest land if it is explicitly certified by the user agency that in case approval under the Forest (Conservation) Act, 1980, for diversion of forest land is declined, it is technically feasible to execute the project along an alternate alignment without involving diversion of forest land. Details of all such stretches along with alternate alignment identified to bypass the forest land should be explicitly provided in the proposal seeking approval under the Forest (Conservation) Act, 1980 and the EIA Notification, 2006.
- iii. Commencement of work in non-forest land will not confer any right to NHAI for granting approval under the Forest (Conservation) Act, 1980.
- iv. SACON will monitor and document the wildlife movement during the construction and for five years after the construction and document efficacy of over/underpasses. Adequate financial provisions be made for the same in consultation with SACON.
- v. All conditions stipulated by the Environment and Climate Change Department, Government of Maharashtra vide letter No CRZ 2021/CR126/TC4 dated 29.09.2021 shall be strictly complied with.

Green Belt

- vi. Green belt development (tree plantation) in lieu of the trees being felled in non forest land should be carried out by the State forest department as deposit work and not by the private contractor. No Ground water shall be extracted and used. Approval/permission of concerned authority shall be obtained before drawing surface water from canal or any other sources.
- vii. The proponent shall obtain permission from the competent authorities for tree felling along the proposed alignment.
- viii. Afforestation using compensatory plantation in the ratio of 1:10 shall be carried out.



Native tree species shall be provided as per the IRC Guidelines on Landscaping and Tree Plantation (IRC:SP:21-2009). Effort should be made to plant native trees and *Ficus* species on both sides of the alignment. Special attention shall be given for protecting giant trees, and locally important trees (having cultural importance) and should be identified chainage wise.

- ix. Project alignment should be managed in such a way to save the Heritage/old trees supposed to be affected by the proposed alignment.

Water Environment

- x. Rain water harvesting pit shall be at least 3 - 5 m above the highest ground water table.
- xi. In borrow pits, the depth of the pit shall be regulated such that the sides of the excavation will have a slope not steeper than 1:2, from the edge of the final section of bank. Soil erosion checking measures shall be carried out. Details for Borrow area operation and rehabilitation given in EIA report shall be followed.
- xii. Quarry areas shall be barricaded during mining operations. The abandoned quarry shall be developed as water reservoirs with proper fencing around quarry area. Details for Quarry area operation and rehabilitation given the EIA report shall be followed.

Pollution Control/Safety

- xiii. In all the construction sites within 150 m of the nearest habitation, noisy construction work such as crushing, concrete mixing will be stopped during the night time between 10.00 pm to 6.00 am. No noisy construction activities will be permitted around educational institutions/health centres (silence zones) up to a distance of 100 m from the sensitive receptors. All plants and equipment used in construction shall strictly conform to the CPCB/SPCB noise standards.
- xiv. Traffic Control Devices/Road Safety Devices/ Roadside Furniture including various types of cautionary, informatory, regulatory as mandatory signboards, road markers, studs, etc. shall be provided at appropriate locations all along the project stretch in accordance with the specifications laid down in Manual of Specifications and Standards for Expressways (IRC: SP:99-2013) and IRC:8, IRC:25, IRC:26, IRC:35, IRC:67, IRC:79, IRC:103 and Section 800 of MORTH Specifications.
- xv. Prepare the traffic prediction report for complete project (including all packages of this project) considering the cumulative impact of the traffic on the environment and submit to the Ministry and concerned Regional Office within 3 months.
- xvi. All the major, minor bridges and culverts should not affect the drainage systems. Flood plains of the rivers/ drainage systems are not to be disturbed.
- xvii. As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures



including the NPV, Compensatory afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also become part of EMP and shall be implemented.

- xviii. Proponent shall keep the finish road level sufficiently elevated from ground level with provision of railing on both sides to restrict animal crossing in order to avoid the possibility of wildlife injury/death. Animal underpasses, watch tower, water holes and other mitigation measures proposed shall be constructed in supervision of forest department.
- xix. While constructing the over bridges as proposed over major water bodies efforts should be made to avoid construction of pillars in beds of water bodies.

GENERAL CONDITIONS AND IRC GUIDELINES

- i. Cut and fill works shall be carried out strictly in accordance with the design drawings proposed at the time of appraisal of the project.
- ii. Sidewalk shall be provided along the bridges.
- iii. The drain shall be at least 1m away from the toe of the embankment of the road adopting IRC guidelines. Longitudinal drains shall be provided all along the project road to ensure proper drainage of the area. In addition, adequate number of under passes and culverts to act as cross drainage structures shall also be provided.
- iv. Blasting shall be carried out during fixed hours (preferably during mid-day) or as permitted by the concerned authority. The timing shall be made known to all the people within 1000m (200m for pre-splitting) from the blasting site in all directions.
- v. Rain water harvesting including oil and grease trap shall be provided as prescribed by CGWB guidelines. Water harvesting structures shall be located at every 500m along the road. Vertical drain type rainwater harvesting structures shall be set up to minimize surface runoff losses of rainwater.
- vi. The embankments/slopes and the slopes left after cutting shall be provided with vegetative growth to avoid soil erosion.
- vii. Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leach into the ground water. The non-usable bitumen spoils shall be disposed off in a deep trench providing clay lining at the bottom and filled with soil at the top (for at least 0.5m)
- viii. Construction camps shall be proposed 500 m away from the nearest settlements to avoid conflicts and stress over the infrastructure facilities with the local community. Location for stockyards for construction materials shall be identified at least 1000m from water sources. Garbage tanks and sanitation facilities will be provided at camps.

(i) Compliance Reporting

- (a) The project proponent shall submit online six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change and also upload the same, including results of monitored data, on their company website.



- (b) For compliance of conditions during operation phase, PP shall either itself undertake the responsibility of compliance or ensure setting up institutional mechanism for compliance of conditions under intimation on the website of the Ministry of Environment, Forest and Climate Change.
- (c) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- (d) The Ministry reserves the right to stipulate additional conditions, if found necessary.
- (e) Beside fulfilling obligations under Corporate Social Responsibilities as per Company's Act, 2013, the proponent has to adhere to the followings Environment Responsibilities:
 - i. The Company shall have a well laid down Environment Policy approved by the Board of Directors.
 - ii. The Environment Policy shall prescribe for standard operating process/ procedures to bring into focus any infringements/ deviation/violation of the environmental or forest norms/ conditions.
 - iii. The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.
 - iv. To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/ violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

NOTE:

- (i) The above conditions shall be enforced in a time bound manner
- (ii) The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
- (iii) The PP is under obligation to implement commitments made in the to the issues raised during public hearing Conceptual Plan/ Environment Management Plan, which forms the part of this EC.

31. Further attention of project proponent is drawn towards the following Acts/ Regulations/ Statutes/ Guidelines issued from time to time:

- (a) All the Indian Road Congress (IRC) guidelines wherever applicable may be followed.
- (b) Provisions related to tree cutting as contained in the Forest (Conservation) Act, 1980 and related rules of the respective state.
- (c) Dust Mitigation Measures stipulated for Construction and Demolition Activities as provided in the amendment Notification GSR 94(E) dated 25.01.2018 of MoEF&CC.
- (d) Provisions for use of Fly ash as building material in the construction as per stipulated under Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016.
- (e) Provisions for management of construction and demolition activities related thereto as contained in Construction and Demolition Waste Management Rules, 2016.

32. **General Instructions:**

Part A



- (a) Approval/permission of concerned authority shall be obtained before drawing surface water from canal or any other sources.
- (b) The proponent shall obtain permission from the competent authorities for tree felling along the proposed alignment.
- (c) As per MoEF&CC's circular no. J-11013/41/2006-IA.II (I) dated 22.09.2008, provision shall be made for supply of kerosene or cooking gas and pressure cooker to the labourers, mobile toilets, mobile STP, safe drinking water, medical health care, Crèche and temporary structures for living during construction phase.
- (d) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to MoEF&CC and its concerned Regional Office.

Part B

- (a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
 - (b) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 - (c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 - (d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
 - (e) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - (f) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - (g) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
33. This issues with the approval of the Competent Authority.



(Amardeep Raju)
Scientist-E

Copy to:

1. The Principal Secretary, Department of Forests & Environment and Chairman, MCZMA, Govt. of Maharashtra, Annexe Building, Mantralaya, Mumbai- 32.
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32
3. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Points, 3rd & 4th Floor, Opp. Cine Planet, Sion Circle, Sion, Mumbai-400 022, Maharashtra.
4. The APCCF (C), MoEF& CC, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur-440 001, Maharashtra.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/Record File
7. Notice Board.



(Amardeep Raju)
Scientist-E

Signature Not Verified

Digitally signed by Amardeep Raju
Scientist E
Date: 4/12/2022 5:54:28 PM

Annex-13

Condition No: xiii –Muck Disposal Plan

MUCK DISPOSAL PLAN

1.0 VME-SPUR Alignment in Matheran Eco-sensitive Zone

The proposed expressway (VME-SPUR) is intervening Matheran Eco Sensitive Zone at two locations as detailed below:

- **Section I** (Km 71.532 to 75.426): The proposed SPUR alignment enters the Buffer Zone at km 71.532 and after traversing 249 m it enters the Eco-sensitive Zone of Matheran at km 71.781. The alignment exits from the Eco-sensitive Zone at km 75.128 and from Buffer Zone at km 75.426. To preserve ecology of the Matheran, **4.160 km long tunnel is proposed in this section** which will go under the Matheran Eco-Sensitive Zone.
- **Section II** (km 77.115 to km 77.691): Based on the suggestions of the Monitoring Committee of the Matheran ESZ in the year 2012, the proposed alignment was modified and shifted on the right side to minimize the impact. The width of the RoW at this location has also been reduced. Hence, in this section, the alignment is only passing through the Buffer Zone from km 77.115 to km 77.691 for a length of 576 m.

Approval of VME-SPUR Alignment in Matheran Eco-Sensitive Area: The VME-SPUR Project was considered in the 3rd and 4th meeting of the Matheran Monitoring Committee held on 18.01.2022 and 23.02.2022 respectively. **The Matheran Monitoring Committee approved the alignment in the 4th meeting held on 23.02.2022.**

2.0 Proposed Tunnel

To preserve ecology of the Matheran, **4.160 km long tunnel is proposed** which will go under the Matheran Eco-Sensitive Zone. The **start point of the tunnel** is at km **71.520** (before buffer zone) and **end point of the tunnel** is at km **75.680** (after buffer zone).

The tunnel shall be twin tube (2 x 4-lane) configuration. The tunnel cross section shall be 4-lanes in each direction without paved shoulders. The unidirectional tunnel tubes are aligned parallel at spacing of about 64.35 m from center line of one tube to center line of another tube. The **maximum overburden cover** along the tunnel alignment is of about **533.214m at Chainage 74+100** and **minimum overburden cover is of about 13.0 m at chainage 75+550.**

The tunnel ancillary works includes cross passage, drainage, water-proofing, ventilation, tunnel illumination, electrical sub-station on both sides portals including power supply from supply agencies, furnishing, signage, emergency facilities, etc. as per section 7 of IRC:SP:99-2013, IRC SP:91:2019. The location of the tunnel is shown in **Figure-1** and typical cross section of tunnel is shown in **Figure-2.**



Figure-1 Map showing Location of proposed Tunnel in Matheran Area

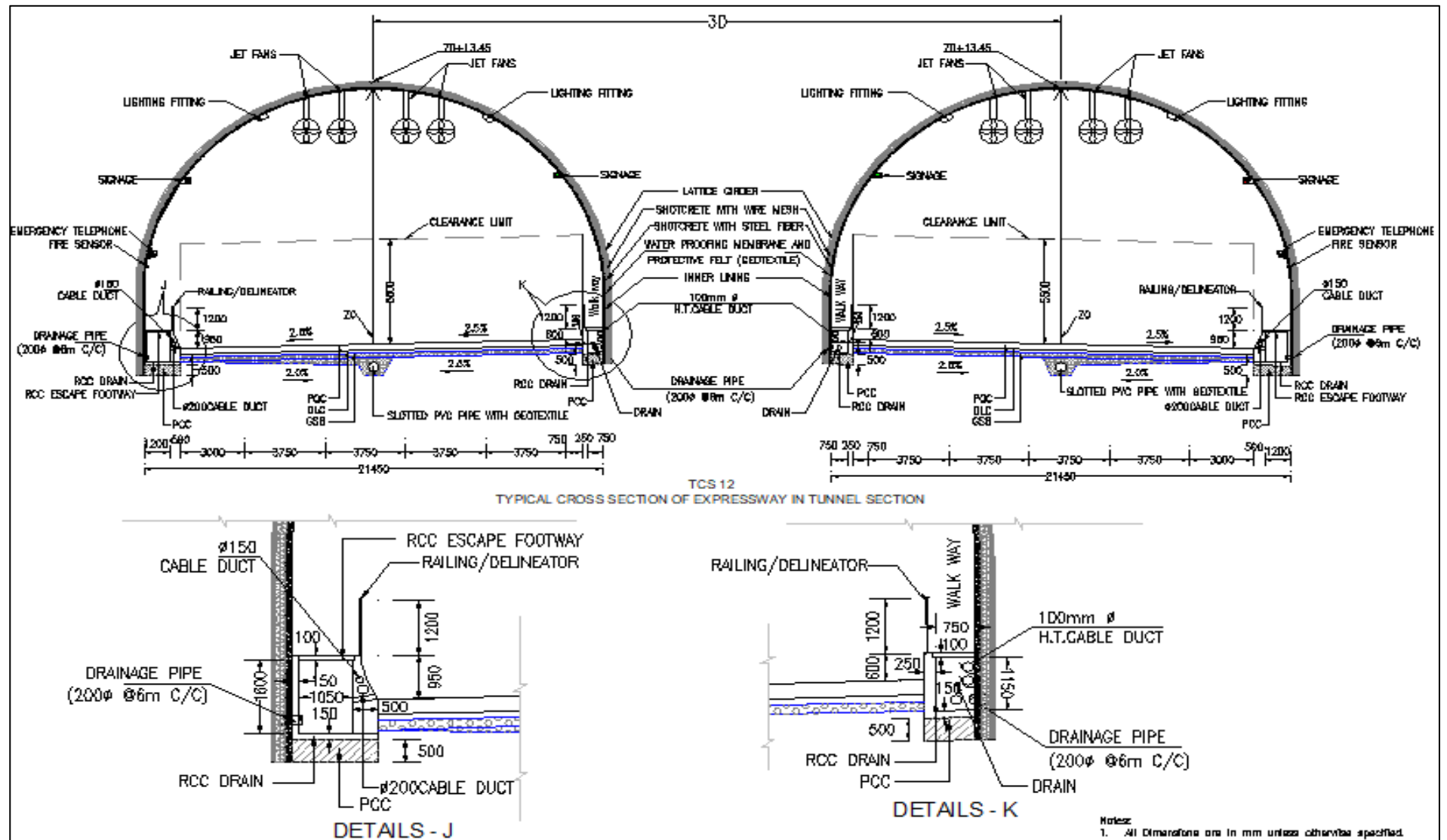


Figure 2 Typical Cross Section of Expressway in Tunnel Section

3.0 Geophysical & Hydrogeological Study, 3-D Modelling and Vibration Analysis of Tunnel Alignment

A team comprising Prof. Sanjit Kumar Pal, and Prof. S. Datta Gupta, from **department of geophysics, IIT (ISM), Dhanbad** with Mr. Aejaz Ahmad, Geologist Intercontinental Consultants & Technocrats Pvt. Ltd., New Delhi were visited the site during 28.12.2020 to 31.12.2020 for Electrical Resistivity Tomography (ERT) and Seismic Refraction Tomography (SRT) data acquisition for Geophysical study. M/s PMT INFRASCIENCE was engaged to conduct the Hydrogeological Study and 3-D Modelling of Tunnel Alignment.

Findings of Geophysical Study

The area is characterized by subordinate soil cover (red soil or laterite soil). The depth of soil is very shallow of approx. 10 to 25 cm, and at a few locations about 100 cm. Texture of soil is mostly gravelly sandy clay loam and gravelly clay.

The lithology of the area comprises basalt of Deccan Traps of upper Cretaceous to Palaeogene age except for a few patches of laterite capping and alluvium along rivers and streams. SRT data around both the portals also indicate 3 prominent layers of differential competency based on P-wave velocity.



Complete profile of soil-regolith-rock along a quarry section, top 100 cm is the soil, underlain by highly weathered vug filling basalt



Zeolite filling the vugs in basalt

The total thickness of the Deccan Trap Basalts (U. Cretaceous to Palaeogene) varies from a few meters in the northern part of the Thane district; above 2380 m thick trap is reported. **Two types of basalt occur in the area** which is grouped under - massive fine to medium grained basalt and medium grained amygdaloidal basalt with phenocrysts of plagioclase. The longitudinal profile of the proposed tunnel alignment has been prepared based on the available information and shown in **Figure-3**.

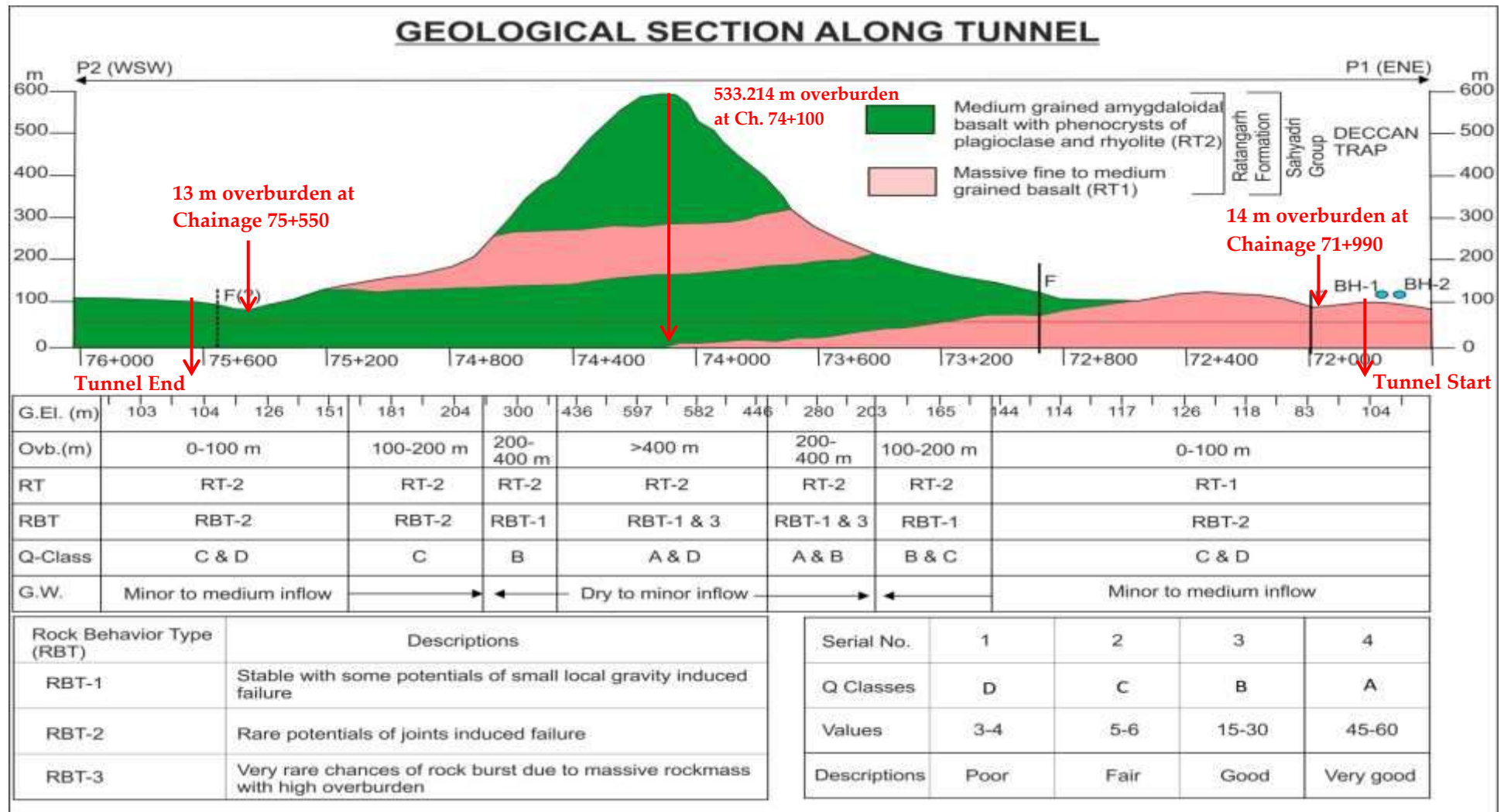


Figure - 3 Geological Longitudinal Section along the Proposed Tunnel Alignment

ERT and SRT data have been acquired at two sites, viz., Bendshil and Taloje along four lines covering total length of about 2000 m. In general, mostly seismic sections indicate **compact hard rock throughout their span in the tunnel alignment**. No feature for possible aquifer is identified.

Findings of Hydrogeological Study, 3-D Modelling and Vibration Analysis

- The proposed tunnel is passing below the Navra-Navri Dongar of Matheran-Malangadh and two portal P1 and P2 lies on hill streams near Shiravali and Bendshil. About 60% of the tunnel alignment is passing through overburden of <200 m, whereas, about 40% (especially the middle of the alignment) passing underneath the overburden of around 200-550 m. **Two types of basalt occur in the area** which is grouped under – 1) massive fine to medium grained basalt and 2) medium grained amygdaloidal basalt with phenocrysts of plagioclase. The basalt is massive with a few inherent joints. The rock mass is competent enough to overcome the overburden stress and **tunnelling can be done safely through this region**.
- Proposed tunnel will be located in Matheran area and as per topographic survey and geological mapping and also from available information regarding water bearing medium and recharge and discharge condition of groundwater, **the study area does not have any developed aquifer system**, except some pockets with developed secondary porosity in the form of fractures and vugs, etc.
- The 3D Model prepared by considering different indicators shows that the negative impact on environment and groundwater condition due to tunnelling will be meagre, and that can even be modified, if required.
- **No major nallahs or rivers are present on the corridor of the tunnel alignment**. Basalt, which is lack on any significant joint opening (secondary porosity), thus penetration of water through this will be a rare case. Hence these seasonal nallahs do not face any problem of lack of water during the monsoonal period.
- The **vibration impact assessment** for proposed tunnel has also been done to carry out a predictive calculation of ground borne vibration (Peak Particle Velocity or PPV) to be induced during construction of the tunnel and the vibration to be induced by road traffic in tunnel during operational phase. The results show that the PPV is very low ranging from 0.045 to 0.077 mm/s that **will not be problematic for the wildlife** in the surrounding forest areas.
- The **construction of tunnel is very feasible through this region and it will have very less negative impact on the environment as well as on groundwater**

4.0 Generated Muck Volume and It's Utilization

Construction of tunnels requires removal of excavated earth and boulder (muck) from tunnel interior to open area outside tunnel. The estimated volumes of muck to be generated from the proposed tunnel are presented in **Table-1**.

Table-1 Volume of Muck to be generated

Feature	From (km)	To (Km)	Length (m)	Cross Section Area (m ²)	Volume (m ³)
Tunnel	71.520	75.680	4160	275.09	22,88,731

- Tunnel muck should be considered as a valuable resource after treatment. It can be used for different purposes. This would lead not only to environmental benefits but also those of an economic nature.
- **22,88,731 cum muck will be generated** from tunnelling out of which **22,27,958 cum** muck will be utilized in road work & concrete work between km 69.800 to km 79.783 (Bhoj village to Morbe village) and **60,773 Cum** will be used in proposed way side amenity / truck parking at km 61+000 to 61+525 (**Table-2**).

Table-2 Generation of Muck from Tunnelling

Sl. No.	Description	Quantity (Cum)
A.	Excavated material from the Tunnel	22,88,731
	Quantity of Muck (A)	22,88,731
B.	Utilization in road work including construction of road embankment	15,85,058
	Utilization in Concrete work, sub base and base work	6,42,900
	Utilization in Way side amenity / Truck Parking	60,773
	Utilization in Construction (B)	22,88,731
C	Balance quantity of muck = (A – B)	0

- Chainage wise location where muck will be utilized in road work including construction of road embankment is presented in **Table-3** and where it will be utilized for concrete work, sub base and base work is presented in **Table-4**.

Table-3 Chainage wise location where muck to be utilized for Road Work including construction of road embankment

From (Km)	To (Km)	Length (m)	Average Area (m ²)	Volume (m ³)
69.800	69.890	90	368.04	34,651.51
69.995	70.190	195	509.32	1,01,732.41
70.210	70.520	310	435.85	1,36,715.99
70.555	71.335	780	271.09	2,01,402.72
71.365	71.520	155	162.94	28,176.01
75.650	75.755	105	40.18	3,815.89
75.775	76.390	615	282.44	1,73,320.53
76.430	76.765	335	396.46	1,30,471.13
76.795	77.890	1095	58,993.11	2,69,388.36
77.910	78.580	670	258.02	1,74,483.00
78.600	79.240	640	273.71	1,72,897.97
79.260	79.783	523	115.60	62,292.71
Interchange at 79.783 (loops & ramps)		2980	32.12	95,709.77
Total Volume of Muck Utilized				15,85,058

Table-4 Chainage wise location where muck to be utilized for Concrete work, sub base and base work

From (Km)	To (Km)	Description of Activity	Volume (m ³)
Concrete Work for Construction of			6,42,900
69.895	69.990	Major Bridge	
70.195	70.205	Light Vehicular Underpass	
70.525	70.555	Minor Bridge	
71.340	71.360	Minor Bridge	
71.520	75.680	Tunnel	
75.760	75.775	Minor Bridge	
76.395	76.425	Vehicular Underpasses	
76.770	76.790	Minor Bridge	
77.895	77.905	Animal Underpass	
78.585	78.595	Animal Underpass	
79.245	79.255	Animal Underpass	
Sub base and Base work			
69.800	79.783	Sub base and Base work in 9.983 Km stretch of the expressway	

Utilization in Way side Amenity / Truck Parking

- After utilization of muck in road work and concrete work between km 69.800 to km 79.783; the balance quantity of muck is **60,773 cum**.
- To facilitate the road user, **Way side amenity / Truck Parking** has been proposed along the expressway at Ambeshiv Budruk village & Yeranjad village. Quantity of fill material required for an average height of 0.6m is **63,000 cum**. Therefore, **the balance quantity of muck (60,777 cum) will be utilized at this location**. The details of the location are presented in **Table-5**. Location on Revenue Map and on Satellite Image is shown in **Figure-4**.

Table-5 Details of Proposed Way side Amenity / Truck Parking

Description	Village	Survey No.	Length (m)	Width (m)	Average Height (m)	Volume of fill material (m ³)
Way side amenity / Truck Parking at km 61.000 to Km 61.525	Ambeshiv Budruk	55, 56	525	200	0.6	63,000
	Yeranjad	104, 102, 63				

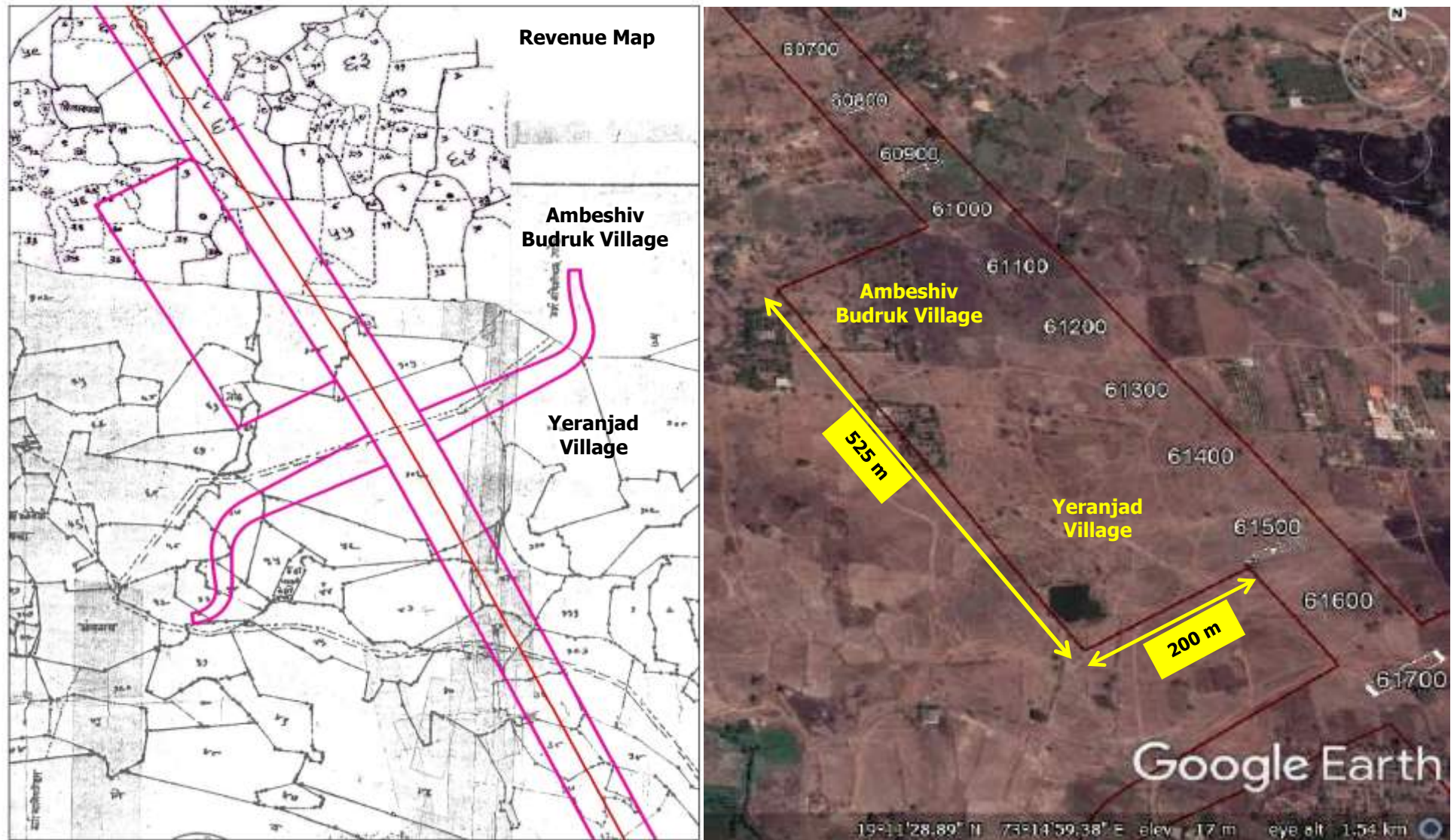
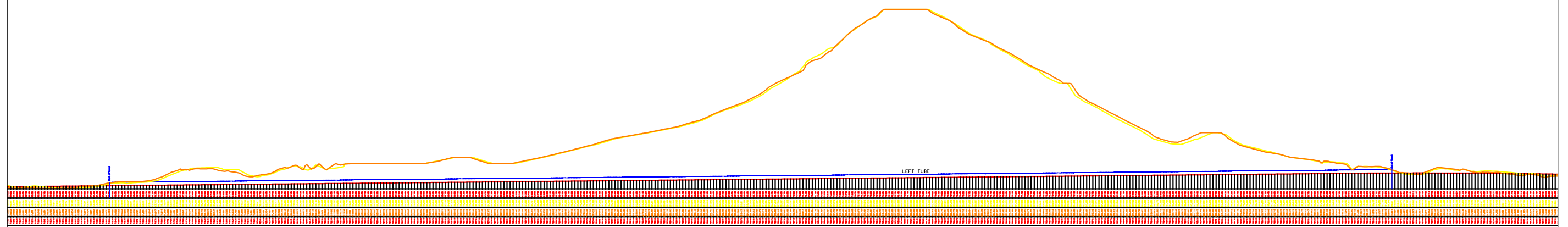
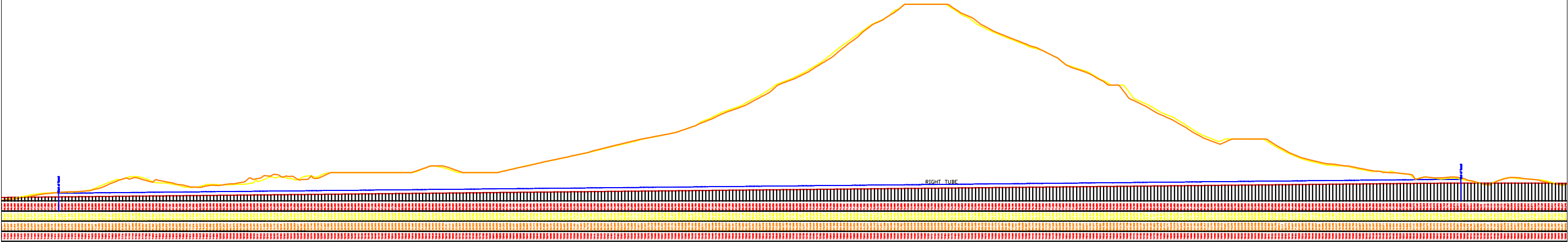


Figure -4 Location of Proposed Way side Amenity / Truck Parking on Revenue Map and on Satellite Image (Google Earth)

Profile of Proposed Tunnel - Left Tube



Profile of Proposed Tunnel - Right Tube





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सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डिंग, बाबुभाई पेट्रोल पंप के सामने,

एल.बी.एस. मार्ग, कॅसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

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Annex 14

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra.

Condition no.	Undertaking
xlv	We undertake that, inside the Eco-sensitive Zone, only control blasting as permissible shall be permitted that too under the supervision of the State Forest Department

आपका भवदीय

(सुहास डे चिटमिस)

परियोजना निर्देशक

प. का. ई. ठाणे



सत्यमेव जयते

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Annex 15

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Condition no.	Undertaking
xv	We undertake that, the layout plan of the proposal shall not be changed without prior approval of Central Government;

आपका भवदीय,

(सुहास डी चिटमिस)

परियोजना निर्देशक

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Annex 16

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra.

Condition no.	Undertaking
xvi	We undertake that, no labour camp shall be established by the Concessionaire on the forest land

आपका भवदीय

(सुहास दे घिटणिस)

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Annex-17

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Condition no.	Undertaking
xvii	We undertake that, sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel.

अप्रकाश भवेदीय

(सुहास दे चिटणिस)

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Annex-18

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Condition no.	Undertaking
xviii	We undertake that, the boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer.

आपका भवदीय

(सुहास दे चिटणिस)

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Annex-19

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Condition no.	Undertaking
xix	We undertake that, no additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.

आपका भवदीय,

(सुहास दे चिटणिस)

परियोजना निर्देशक

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Annex-20

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra.

Condition no.	Undertaking
xx	We undertake that, the period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less.

आपका भवदीय,

(सुहास दे चिटणिस)

परियोजना निर्देशक

प. का. ई. ठाणे



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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Annex-21

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Condition no.	Undertaking
xxi	We undertake that, the forest land shall not be used for any purpose other than that specified in the project proposal.

आपका भवदीय,

(सुहास दे चिटणिस)

परियोजना निर्देशक

प. का. ई. ठाणे



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार

National Highways Authority of India

Ministry of Road Transport and Highways, Government of India

परियोजना कार्यान्वयन इकाई - ठाणे, एम.टी.एन.एल. बिल्डिंग, बाबूभाई पेट्रोल पंप के सामने,

एल.बी.एल. मार्ग, कॅसल मिल सर्कल के पास, ठाणे (प) - ४००६०१

Project Implementation Unit - Thane MTNL Building, Opp. Babubhai Petrol Pump

LBS Marg, Near Castle Mill Circle, Thane(w) - 400601

ईमेल : piuthane@nhai.org / piuthane@gmail.com वेबसाइट / Website : nhai.gov.in



Annex-22

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra.

Condition no.	Undertaking
xxii	We undertake that, the forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.

आपका भवदीय
(सुहास दे चिटणिस)

परियोजना निर्देशक

प. का. ई. ठाणे



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Annex-23

Sub: **Diversion of 111.7321 ha** of Forest land for Development of Vadodara Mumbai Expressway (Phase-II SPUR) from km 0+000 to km 79+783 in Thane District in the State of Maharashtra.

Condition no.	Undertaking
xxiv	We undertake that any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife shall be complied.

आपका भवदीय

(Signature)

(सुहास दे चिटणिस)

परियोजना निर्देशक

प. का. ई. ठाणे