



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Govt. of India)

NHAI PIU – Shimla, House No. 1, Rishikesh Sadan, Shanti Kutia, Chakkar Shimla-171005, H.P.

Email: pdpiushimla@nhai.org; pdpiushimla@gmail.com | Phone: 0177-2633318



No.11013/03/2012/S-D/Forest/PIU-SML/1224

23 August, 2022

To,

The Divisional Forest Officer,
Shimla Forest Division,
Himachal Pradesh.

Subject:- Proposal for diversion for Additional Forest Land requirement for four laning of NH-05 from Shakral Village to Dhalli section (Shimla Bypass Package II from Km 146+300 to Km 156+560 and Shimla Connectivity from Km 0+000 to Km 0+725 for Design length - 10.985 Km) in already approved FCA case of the entire section from Kaithlight to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh (Online Proposal No. FP/HP/Road/154923/2022).

Ref.:- EDS raised by DFO, Shimla (Rural) vide Letter No. FCA/4199 .dated 05.08.2022
Sir,

Kindly refer to the observations raised by your good office as cited under reference above for the subject forest proposal. The compliance to the observations is being submitted in the table below.

| Sl. No. | Observations of Divisional Forest Office | Compliance by User Agency |
|---------|---|---|
| 1. | The alternatives examined and reason for their rejections has not been found in the proposal folders. | <p>The alternatives were already examined in the earlier forest diversion proposal of the entire section from Kaithlight to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha for which Stage II approval was obtained by NHAI vide MOEF&CC, Dehradun letter dated 15.09.2017.</p> <p>However, the current proposal is only diversion of additional forest land of 19.1788 ha. area required for four laning of proposed Shimla Bypass from Shakral to Dhalli Section (Package-II) of NH-22 (Chainage from Km. 146.300 to Km. 156.560) for the following purposes:</p> <ul style="list-style-type: none"> (i) Dumping sites for muck disposal. (ii) Diversion of land over Tunnels (iii) Four laning of structures against 2-lane in previous project. (iv) Slope protection measures at fragile hill strata locations. (v) Minor modifications in the alignment for improving geometry of Highway. |



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| | | |
|----|---|---|
| | | <p>(vi) Previous acquired area under Private Classified Forest and,</p> <p>(vii) Proposed Access Roads</p> <p>(viii) Re-alignment from km. 152.300 to km 156.560</p> |
| 2. | Against the column No. 1 (vi) detail of the employment is required to be given as per the column mentioned in online Part-I. | The details of employment given as per Online Part-I and the revised Part I is enclosed as Annexure I (in triplicate) |
| 3 | The certificate of population to be benefited is not found placed in the proposal folders. | The said Certificate is obtained from the concerned authority and enclosed as Annexure II (in triplicate) |
| 4. | The enumeration of trees has not been received in this office the same may be provided by inviting the field staff of R.O Mashobra. | The enumeration of trees in the forest land was completed on 22.08.2022. Now, the tree enumeration list has to be prepared by the concerned range officer and forest guards of the forest department and has to be submitted to your good office. |
| 5. | All uploaded and related documents in original/ authenticated copies (complete folder) are required to be uploaded in one PDF file against additional information details as such in online Part-I. | Single PDF file uploaded by the User Agency in the portal. |

2. It is therefore requested to kindly process the proposal at the earliest for timely implementation of the subject project.

With Regards,

(Ram Asra Khural)
GM (Tech.) cum-Project Director
NHAI PIU-Shimla

Full Title of the proposal:- *Additional Forest Land requirement for four laning of NH-05 from Shakral Village to Dhalli section (Shimla Bypass Package II from Km 146+300 to Km 156+560 and Shimla Connectivity from Km 0+000 to Km 0+725 for Design length – 10.985 Km) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 129.050 to Km. 156.507) of NH-22 (New NH-05) for 40.3 Ha in the State of Himachal Pradesh.*

File No. : FP/HP/ROAD/154923/2022

Date of Proposal: 27th April, 2022

CHECK-LIST SERIAL NO. - 03

Application Form

As per Rule 6 of the Forest (Conservation) Rules, 2003, every user agency, who wants to use any forest land for non-forest purposes shall make his proposal in the appropriate Form appended to these rules, i.e. Form 'A' for proposals seeking first time approval under the Act and Form 'B' for proposals seeking renewal of leases where approval of the Central Government under the Act had already been obtained earlier, to the concerned nodal officer authorized in this behalf by the State Government, along with requisite information and documents, complete in all respects, well in advance of taking up any non-forest activity on the forest land.

FORM – “A”

Form for seeking **PRIOR APPROVAL**

Under section – 2 of Forest (Conservation) Act, 1980

For


Diversion of Forest Land

For

“Additional Forest Land requirement for four laning of NH-05 from Shakral Village to Dhalli section (Shimla Bypass Package II from Km 146+300 to Km 156+560 and Shimla Connectivity from Km 0+000 to Km 0+725 for Design length – 10.985 Km) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 129.050 to Km. 156.507) of NH-22 (New NH-05) for 40.3 Ha in the State of Himachal Pradesh.”

In

SHIMLA FOREST DIVISION & SHIMLA (URBAN) FOREST DIVISION


महाप्रबंधक (तकनीकी) / GM(T.)
एवं परियोजना निदेशक / & Project Director
भारत प्रा. / N.H.A.I.
प.का.ई. - शिमला (हि०प्र०) / PIU-Shimla (H.P.)

FORM – “A”**PART –I**

| 1. | Project Details | <p>i) Short narrative of the proposal and project/scheme for which the forest land is required.</p> <p>The National Highways Authority of India (NHAI) under the Ministry of Road Transport & Highways (MoRT&H), Government of India has been entrusted with the assignment of construction of four laning of NH-05 (old NH-22) from Kaithlighat to Dhalli Section (Shimla Bypass) in the State of Himachal Pradesh through Hybrid Annuity mode and is divided into two packages. The project road of Shimla Bypass (NH-22) Package-II starts from Shakral at km 146+300 and terminates at Dhalli at km 156+560. The design length of proposed project road is 10.985 Km.</p> <p>The section of existing NH-22 between Kaithlighat and Dhalli is passing through congested Shimla town. This existing section is passing through heavily built-up area and it is not possible to widen it to four lanes as it will involve large scale acquisition of residential and commercial properties. Four laning of NH-22 from Solan to Kaithlighat is already in progress. Hence to maintain continuity of traffic capacity, it is required to provide a 4 lane bypass from Kaithlighat to Dhalli, and the Package II from Shakral Village to Dhalli is a part of this Kaithlighat to Dhalli section.</p> <p>The salient features of the proposed project road are given below:</p> <table border="1" data-bbox="601 1100 1383 1606"> <thead> <tr> <th>Item</th> <th>Improvement Proposal</th> </tr> </thead> <tbody> <tr> <td>Design Length</td> <td>10.985 Km (including Shimla Connectivity of 725 m)</td> </tr> <tr> <td>Major Bridge (4 lane)</td> <td>01 no.</td> </tr> <tr> <td>Minor Bridge (4 lane)</td> <td>01 no.</td> </tr> <tr> <td>Viaduct (4 lane)</td> <td>05 nos.</td> </tr> <tr> <td>Major Junctions</td> <td>3 no.</td> </tr> <tr> <td>Minor Junction</td> <td>1 no.</td> </tr> <tr> <td>Culverts</td> <td>Box Culverts: 29 nos. Pipe Culverts at the junction locations: 8 nos.</td> </tr> <tr> <td>Tunnel</td> <td>3 nos. New 2 lane Twin Tube Tunnels</td> </tr> </tbody> </table> <p>Project road length in Shimla Forest division is 10.150 km and Shimla (Urban) Forest division is 0.835 km.</p> | Item | Improvement Proposal | Design Length | 10.985 Km (including Shimla Connectivity of 725 m) | Major Bridge (4 lane) | 01 no. | Minor Bridge (4 lane) | 01 no. | Viaduct (4 lane) | 05 nos. | Major Junctions | 3 no. | Minor Junction | 1 no. | Culverts | Box Culverts: 29 nos. Pipe Culverts at the junction locations: 8 nos. | Tunnel | 3 nos. New 2 lane Twin Tube Tunnels |
|-----------------------|--|---|------|----------------------|---------------|--|-----------------------|--------|-----------------------|--------|------------------|---------|-----------------|-------|----------------|-------|----------|--|--------|-------------------------------------|
| Item | Improvement Proposal | | | | | | | | | | | | | | | | | | | |
| Design Length | 10.985 Km (including Shimla Connectivity of 725 m) | | | | | | | | | | | | | | | | | | | |
| Major Bridge (4 lane) | 01 no. | | | | | | | | | | | | | | | | | | | |
| Minor Bridge (4 lane) | 01 no. | | | | | | | | | | | | | | | | | | | |
| Viaduct (4 lane) | 05 nos. | | | | | | | | | | | | | | | | | | | |
| Major Junctions | 3 no. | | | | | | | | | | | | | | | | | | | |
| Minor Junction | 1 no. | | | | | | | | | | | | | | | | | | | |
| Culverts | Box Culverts: 29 nos. Pipe Culverts at the junction locations: 8 nos. | | | | | | | | | | | | | | | | | | | |
| Tunnel | 3 nos. New 2 lane Twin Tube Tunnels | | | | | | | | | | | | | | | | | | | |



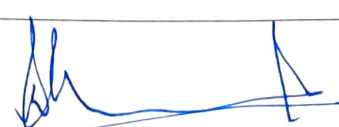
महाप्रबन्धक (तकनीकी)/GM(T.)

एवं परियोजना निदेशक / & Project Director

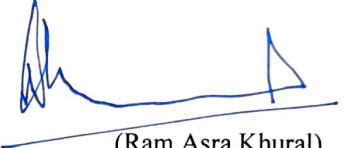
भारत.रा.प्रा. / N.H.A.I.

प.का.ई. - शिमला (हि०प्र०) / PIU-Shimla (H.P.)

| | ii) Map Showing the required forest land, Boundary of the adjoining forest on a 1:50000 scale map. | The alignment marked on survey of India Toposheet (1:50,000 scale) is enclosed as Checklist Sl. No. 5a. DGPS Maps are enclosed as Checklist Sl. No. 5b. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--|-----------------------|-----------|-------------------|-----------------------|----|------|--------|---------|----|---------------------|--------|--------|----|---------|--------|---------|--------------|--|----------------|----------------|----------|-------------------|-----------------------|--------|---------|---------|----------------|--------|-------|--------------|----------------|----------------|
| | iii) Cost of the Project | The total capital cost of the project is Rs. 1,933.22 Crores | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | iv) Justification for locating the project in forest area | Justification for locating project in forest area has been provided in Checklist Sl. No 10. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | v) Cost Benefit Analysis | Cost Benefit Analysis is enclosed as Checklist Sl. No. 29. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | vi) Employment likely to be generated | The proposed project will provide both direct and indirect employment to local people during construction period of project. Permanent/Regular Employment (Number of persons): 30 Temporary Employment (Number of person-days): 216000 (approx. 200 persons employed during construction period of 3 years) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Purpose wise break up of Land to be diverted | <div>The purpose wise break up of land to be diverted for construction of Shimla Bypass Package II is given as under:</div> <table><tr><th>Sl. No.</th><th>Component</th><th>Forest land (ha.)</th><th>Non Forest land (ha.)</th></tr><tr><td>1.</td><td>Road</td><td>10.496</td><td>14.2769</td></tr><tr><td>2.</td><td>Muck Disposal Sites</td><td>8.5413</td><td>3.0489</td></tr><tr><td>3.</td><td>Tunnels</td><td>0.1415</td><td>15.1859</td></tr><tr><td>Total</td><td></td><td>19.1788</td><td>32.5117</td></tr></table> <div>Forest Division-wise break up</div> <table><tr><th>Division</th><th>Forest Land (ha.)</th><th>Non-Forest land (ha.)</th></tr><tr><td>Shimla</td><td>19.1712</td><td>27.1667</td></tr><tr><td>Shimla (Urban)</td><td>0.0076</td><td>5.345</td></tr><tr><td>Total</td><td>19.1788</td><td>32.5117</td></tr></table> | Sl. No. | Component | Forest land (ha.) | Non Forest land (ha.) | 1. | Road | 10.496 | 14.2769 | 2. | Muck Disposal Sites | 8.5413 | 3.0489 | 3. | Tunnels | 0.1415 | 15.1859 | Total | | 19.1788 | 32.5117 | Division | Forest Land (ha.) | Non-Forest land (ha.) | Shimla | 19.1712 | 27.1667 | Shimla (Urban) | 0.0076 | 5.345 | Total | 19.1788 | 32.5117 |
| Sl. No. | Component | Forest land (ha.) | Non Forest land (ha.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Road | 10.496 | 14.2769 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Muck Disposal Sites | 8.5413 | 3.0489 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Tunnels | 0.1415 | 15.1859 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | 19.1788 | 32.5117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Division | Forest Land (ha.) | Non-Forest land (ha.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shimla | 19.1712 | 27.1667 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shimla (Urban) | 0.0076 | 5.345 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 19.1788 | 32.5117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Details of displacement of people due to the project if any? i. Number of families. ii. Number of Scheduled Castes/Scheduled Tribe families iii. Rehabilitation plan. (to be enclosed) | There will be no displacement of people in forest areas. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | Whether clearance under Environment (Protection) Act, 1986 required? | As per MoEFCC Notification no. S.O.2559 (E) dated 22 nd August, 2013 (Checklist Sl. No.24.), the project does not require Environmental Clearance. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |


 महाप्रबंधक (तकनीकी) / GM(T.)
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 पञ्जाई - शिमला (हि०प्रा०) / PIU-Shimla (H.P.)

| | | |
|----|--|---|
| 5. | Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone etc. as per the scheme prepared by the State Government (undertaking to be enclosed). | Undertaking for payment of compensatory afforestation cost is enclosed as Checklist Sl. No.12. |
| 6. | Details of Certificates/documents enclosed as required under the instructions. | Enclosed as per the Checklists provided. |


 (Ram Asra Khural)
 Project Director
 PIU, Shimla

Date:- 23.08.2022
 Place:- Shimla

State serial No. of proposal _____
 (To be filled up by the Nodal Officer with date of receipt)

महाप्रबंधक (तकनीकी) / GM(T.)
 एवं परियोजना निदेशक / & Project Director
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Full Title of the proposal:- Proposal for diversion for Additional Forest Land requirement for four laning of NH-05 from Shakral Village to Dhalli section (Shimla Bypass Package II from Km 146+300 to Km 156+560 and Shimla Connectivity from Km 0+000 to Km 0+725 for Design length – 10.985 Km) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh

File No. : FP/HP/ROAD/154923/2022

Date of Proposal: 27 April 2022

List of Villages, District-Shimla

| Sr. No. | Name of Tehsil | Name of Village | Village Code | Population (Census 2011) |
|---------|----------------|---------------------------------|--------------|--------------------------|
| 1 | Shimla (Rural) | Banredu | 335 | 208 |
| 2 | | Chamyana | 372 | 847 |
| 3 | | Dhali | — | 0 |
| 4 | | Jungal Mehfuja Mehduda Ganoti | 380 | 0 |
| 5 | | Jungal Mehfuja Mehduda Mashobra | 247 | 201 |
| 6 | | Kamali | 379 | 49 |
| 7 | | LambiDhar | 349 | 117 |
| 8 | | Malyana-I | 376 | 749 |
| 9 | | Mevag | 353 | 315 |
| 10 | | Shehnan | 375 | 198 |
| 11 | | Shakral | 381 | 742 |
| 12 | | UP MahalTilla | — | 197 |
| 13 | | Shurala | 371 | 311 |
| 14 | | Chhakdial | 352 | 2084 |
| 15 | | Kamla Nagar | — | 0 |
| 16 | | Shanti Vihar | — | 0 |
| 17 | | Saganti | 3/13 | 1420 |
| 18 | | Sanjauli Bazar | — | — |
| 19 | Shimla (Urban) | Up MahalChalaunti | — | — |

Source: https://censusindia.gov.in/census.website/data/data-visualizations/PopulationSearch_PCA_Indicators

Place: Shimla
Date: 20.08.2022

Name: Nishant Kumar (Signature)
Designation: 25/08/2022
Office Seal: Sub-Divisional Officer
Sub-Division Shimla (R)
Distt. Shimla, H.P - 17100

महाप्रबंधक (तकनीकी) & Project Director
एवं परियोजना निदेशक
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