



Form-A (Part-I): Diversion of Forest Land



Project Name:	Construction of 4/6-lane access controlled Greenfield Expressway from Varanasi to Kolkata (Package-II) via Ranchi with spur to Kharagpur under Bharatmala Pariyojana Phase-II (Lot-9/Pkg-3)	Single Window Number:	SW/100834/2022
		Proposal Number:	FP/BR/ROAD/401205/2022
State:	BIHAR	Current Status:	SUBMITTED
Submission Date:	30/09/2022		

Common Application Form

Project Details

1. Details of Project

1.1. Name of the Project	Construction of 4/6-lane access controlled Greenfield Expressway from Varanasi to Kolkata (Package-II) via Ranchi with spur to Kharagpur under Bharatmala Pariyojana Phase-II (Lot-9/Pkg-3)
1.2. Project Proposal For	New
1.3. Project ID (Single Window Number)	SW/100834/2022
1.4. Description of Project	This is a completely new field alignment from Varanasi to Kolkata, to divert the long route traffic, which causes congestion on existing NH-19 (Old NH-2). The project road will connect various cities/ towns in the state of Uttar Pradesh, Bihar, Jharkhand and West Bengal.

2. Details of the Company/Organization/User Agency making application

2.1. Legal Status of the Company/Organization/User Agency	Central Government (Department/Autonomous body)
2.2. Name of the Company/ Organization/User agency	NHAI

Registered address

2.3. Address	S-8/108 , F-4 , DIG Colony Maqbool Alam Road Varanasi S-8/108 , F-4 , DIG Colony Maqbool Alam Road Varanasi
2.4. Village /Town / City	N/A
2.5. State	UTTAR PRADESH
2.6. District	VARANASI
2.7. Pin Code	221002
2.8. Landmarks	DIG Colony Maqbool Alam Road
2.9. E-mail address	var@nhai.org
2.10. Landline Number	N/A
2.11. Mobile number	9984114097

3. Details of the person making application

3.1. Name	Radhe Shyam Yadav
3.2. Designation	Project Director

Correspondence address

3.3. Address	S-8/108 F-4 DIG COLONY MAQBOOL ALAM ROAD VARANASI UP 221002
3.4. Village /Town / City	N/A
3.5. State	UTTAR PRADESH
3.6. District	VARANASI
3.7. Pin Code	221002
3.8. Landmarks	N/A

3.8. Landmarks	N/A
3.9. E-mail address	var@nhai.org
3.10. Landline Number	2501003
3.11. Mobile number	9984114097

Project Location

4. Location of the Project or Activity

4.1. Upload KML

Temporary Places.kml

4.2. Whether the project/activity falling in the state/UT sharing international borders

NO

5. Shape of the Project

Linear

Location Details

Toposheet No	State/UT	District	Sub District	Village	Plot/Survey/Khasra No.
G44X13	BIHAR	ROHTAS	Chenari	BARAHTALI BARKI	
G45S1	BIHAR	ROHTAS	Tilouthu	BELWAI	
G44X13	BIHAR	ROHTAS	Chenari	CHORAHII	
G44X13	BIHAR	ROHTAS	Sheosagar	DANARWA	
G45S1	BIHAR	ROHTAS	Sasaram	GORIA	
G44X13	BIHAR	ROHTAS	Chenari	NARAYANPUR G.P.	
G44X13	BIHAR	ROHTAS	Sheosagar	UCHAULI	
G44X13	BIHAR	ROHTAS	Chenari	BIRNAGAN	
G44X13	BIHAR	ROHTAS	Sasaram	GHARTAIR	
G44X13	BIHAR	ROHTAS	Sasaram	GORIA	
G44X13	BIHAR	ROHTAS	Sheosagar	KONKI	
G44X13	BIHAR	ROHTAS	Sasaram	PALANGARH	
G45S1	BIHAR	ROHTAS	Tilouthu	PANRARIA	
G45S1	BIHAR	ROHTAS	Tilouthu	PIRNA BIGHA	
G45S1	BIHAR	ROHTAS	Tilouthu	SARAIYA G.P.	
G44X13	BIHAR	ROHTAS	Sheosagar	SHEOSAGAR	

Remarks

N/A

N/A

6. Land Requirement (in Ha) of the project or activity

6.1. Nature of Land involved

6.2. Non-Forest Land [A]

211.652

6.3. Forest Land [B]

35.546

6.4. Total Land [A+B]

247.198

6. Project/Activity Cost

6.1. Total Cost of the Project at current price level (in Lakhs)

359850

Amount in Words : Three Lakh Fifty Nine Thousand Eight Hundred Fifty Lakh(s) Only

7. Employment likely to be generated

During construction phase

Permanent employment

7.1. No. of permanent employment (No.s) [A]

10

7.2. Period of employment (No. of days) [B]

912

7.2. Period of employment (No. of days) [B]	912
7.3. No. of man-days [X]=[A]*[B]	9120
Temporary employment	
7.4. Temporary / Contractual employment (No. of Man days) [Y]	1131600
7.5. Total [X] +[Y]	1140720
7.6. During operational phase	
Permanent employment	
7.6.1. No. of permanent employment (No.s) [A]	20
7.6.2. Period of employment (No. of days) [B]	7300
7.6.3. No. of man-days [X]=[A]*[B]	146000
Temporary employment	
7.6.4. Temporary / Contractual employment (No. of Man days) [Y]	18250
7.6.5. Total [X] +[Y]	164250

Others

8. Whether Rehabilitation and Resettlement (R&R) involved?

NO

9. Whether project area involves shifting of watercourse/road/rail/Transmission line/water pipeline, etc. required?

NO

10. Whether any alternative site(s) examined or part thereof for the non-site-specific component?

YES

11. Upload Alternate KML

Alternative study Pkg II 1.kml

Alternative Site.

Location Details

Toposheet No.	State/UT	District	Sub District	Village
G44X13	BIHAR	ROHTAS	Chenari	TURKI

Remarks.

12. Brief justification on selected site particularly highlighting environmental considerations

All possible efforts have been made in designing the project to minimize negative impacts on the environmental and social aspects. An underground road tunnel has been proposed to be constructed under the Kaimur Wildlife Sanctuary to avoid destruction on its ground surface. The project passes through some plantations along the some highways/ canals which is notified as Protected Forest. Accordingly, project involves diversion of forest land at crossing points of notified PF on highways/ canals.

13. Upload copy of note containing justification for locating in the selected site

Justification.pdf

14. Whether there is any Government Order or Policy/ Court order relevant or restricting to the site?

NO

15. Whether there is any litigation pending against the project and/or land in which the project is proposed to be set up?

NO

16. Whether the proposal involves violation of Act/Rule/Regulation/Notification of Central/State Government?

NO

Form-A (Part-I): Diversion of Forest Land

Project Details

1. Forest Clearance

1.1. State

BIHAR

1.2 Upload a copy of note containing justification for locating the Project in forest land

Justification.pdf

Construction / Widening of Road including approach road to reach the establishments

1.3. Project Category	Construction / Widening of Road including approach road to roadside establishments including bridges
1.4. Whether any proposal seeking prior approval of Central Government under the Forest (Conservation) Act, 1980 for diversion of forest land required for this project has been submitted in the past?	No

Proposed Land

2. Details of Forestland proposed to be diverted (Village / Division / District Wise Breakup)

2.1. Total area of forestland proposed for diversion (ha.)		35.546
2.2. Total area of non- forestland required for this project (ha.)		211.652
2.3. Legal Status of forest land proposed for renewal		
Area (ha)	Legal Status of Forest Land	
2.3.1. Total Area (ha)		0
2.4. Total period for which the forestland is proposed to be diverted (No. of years)		99
Division	Number of patches	Uploaded KML
Rohtash Division	21	738048_FC_KML_1664193489787_Rohtas PF.kml
Rohtash Division	1	738048_FC_KML_1664177193877_Rohtas WLS.kml

Location Details

Toposheet No.	District	Village	Range	Forest land proposed for diversion			Non Forest Land		
				Length (km)	Width (km)	Area (ha)	Length (km)	Width (km)	Area (ha)
G44X13	Rohtas	BARAHTALI BARKI	Chenari	1.667	0.0075	1.2502	2.085	0.07	14.5950
G44X13	ROHTAS	BIRNAGAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G44X13	ROHTAS	CHORAH	Chenari	0.165	0.0074	0.1221	1.2834	0.07	8.9838
G44X13	ROHTAS	DANARWA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G44X13	ROHTAS	KONKI	Chenari	0.885	0.0044	0.3894	1.2834	0.07	8.9838
G44X13	ROHTAS	NARAYANPUR G.P.	Chenari	0.14	0.005	0.0700	0.8167	0.07	5.7169
G45S1	ROHTAS	PANRARIA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G45S1	ROHTAS	PIRNA BIGHA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G45S1	ROHTAS	SARAIYA G.P.	Chenari	0.0528	0.056	0.2957	0.4667	0.07	3.2669
G44X13	ROHTAS	SHEOSAGAR	Chenari	0.0384	0.05	0.1920	1.9017	0.07	13.3119
G44X13	ROHTAS	UCHAULI	Chenari	0.161	0.0029	0.0467	0.9334	0.07	6.5338
G45S1	234	BELWAI	Sasaram	0.9616	0.06	5.7696	2.915	0.06	17.4900
G44X13	234	GHARTAIR	Sasaram	0.7034	0.06	4.2204	0.991	0.06	5.9460
G44X13	234	GORIA	Sasaram	2.1810	0.06	13.0860	2.330	0.06	13.9800
G44X13	234	PALANGARH	Sasaram	1.684	0.06	10.1040	2.100	0.06	12.6000
Remarks									
N/A									
N/A									

Patch/ Segment wise details

Patch/ Segment ID	Forest Area (ha)	Non-Forest Area (ha)	Remarks if any
20	0.112	N/A	
17	0.0456	N/A	
18	0.0371	N/A	
4	0.035	N/A	
14	0.153	N/A	
19	0.0192	N/A	
9	0.0775	N/A	
2	0.0567	N/A	

7	0.0432	N/A	
1	0.0608	N/A	
16	0.0473	N/A	
11	0.0259	N/A	
13	0.0442	N/A	
3	0.035	N/A	
15	0.1632	N/A	
8	0.0696	N/A	
6	0.6248	N/A	
10	0.0189	N/A	
5	0.6248	N/A	
21	0.034	N/A	
12	0.0384	N/A	
1	33.18	N/A	Kaimur Wildlife Sanctuary
Total Patch-wise Forest Land in the division (ha)			
2.5. Total Forest Land Area (ha)		35.5462	
2.6. Total Non Forest Land Area (ha)		0	
Total KML-wise Forest Land in the division (ha.)			
2.7. Total Forest Land Area (ha)		35.5461	
2.8. Total Non Forest Land Area (ha)		222.81619999999998	
2.9. Total Area (ha)		258.3623	

3. Component Wise Break Up

Component	Forest Land Proposed for Diversion (ha)	Non-forest Land (ha)
Construction of Underground Tunnel	33.18	0
Construction of Road/Junctions	2.3661	211.652
4. Total Forest Land(ha)	35.5461	
5. Total Non Forest Land (ha)	211.652	
6. Upload map of the forest land proposed to be diverted prepared by using DGPS or Total Station (pdf only)	DGPS Map_DGPS Map_merged.pdf	

Afforestation Details

7. Details of land identified for Compensatory Afforestation

7.1. Whether Compensatory Afforestation is applicable or not?	Yes
7.1.1. Type of Compensatory Afforestation	Degraded Forest Land

Others

8. Cost-Benefit analysis	
8.1. Whether Cost-Benefit analysis for the Project has been made?	Yes
8.1.1. Total Loss (Against the proposed forest land Diversion in crore)	42.75
8.1.2. Estimated Benefits of Forest Diversion (in crore)	228.53
8.1.3. Cost Benefit Ratio	0.1871

8.1.3. Cost Benefit Ratio	0.1871
8.1.4. Upload a copy of Cost-Benefit analysis	Cost Benifit Analysis.pdf

9. Environmental clearance Details

9.1. Whether the Project requires Clearance under the Environment (Protection) Act 1986 (Environmental clearance)?	Yes
9.1.1. Status of Environmental Clearance	Application submitted
9.1.1.1. Proposal No	IA/BR/NCP/253236/2022
9.1.1.2. Date of application	03-02-2022
9.1.1.3. MoEFCC / SEIAA File Number	10/11/2022-IA.III
9.1.1.4. Status of application [Submitted recently / ToR Granted / PH Conducted / Under appraisal]	ToR Granted

10. Wildlife clearance Details

10.1. Whether the Project or a part thereof is located in any Protected Area or their Eco sensitive zone?	Yes
10.1.1. Whether Project or a part thereof is located within a Protected Area?	Yes
10.1.1.1. Distance from the nearest Protected area (km)	0
10.1.1.2. Distance from the nearest Eco-Sensitive Zone (km)	0
10.1.1.3. Status of approval of the Standing Committee of National Board for Wildlife (NBWL) to the Project	Application yet to be submitted
10.1.1.3.1. Reasons thereof.	Due to technical issue in Parivesh Portal

Category Specific Details

N/A

11. Copy of Additional Information, if any

Sr. No.	Document Name	Remark	Document
1	Undertaking	Minimum trees to be felled	Certificate for Minimum Tree to be Felled.pdf
2	Area Calculation sheet	Calculation sheet of Protected Forest	Area Calculation Sheet (PF).pdf
3	Undertaking	No impact on any archeological monuments	Undertaking for Archaeological Importance.pdf
4	Undertaking	Cost of NPV	Undertaking for NPV.pdf
5	Undertaking	Non- start of project construction work yet	Undertaking for Non Starting of Project Constrution.pdf
6	Undertaking	Consent of land owning agency as applicable	Undertaking for NOC Certificate of Land Owning Agency.pdf
7	Undertaking	Compliance of all term and conditions of the Department/ Govt	Undertaking for Compliance of all terms and Condition.pdf
8	Undertaking	Road side plantation	Undertaking for Road Side Plantation.pdf
9	Area Calculation Sheet	Underground tunnel area under Kaimur Wildlife Sanctuary	Area Calculation Sheet (PA).pdf
10	Part-I	Part-I of Form A	Part-I.pdf
11	Undertaking	To pay cost of Compensatory Afforestation	Compensatory Afforestation.pdf
12	Undertaking	FRA certificate/ settlement	Undertaking of FRA Settlement.pdf
13	Undertaking	Minimum Use of Forest land proposed	Certificate for Minimum Use of Forest Land.pdf
14	Note	Project Details	Project Detail.pdf
15	Undertaking	No other feasible option	Undertaking No other Feasble Alternative.pdf
16	Undertaking	Status of Environmental Clearance	Undertaking Environment Clearance.pdf
17	Undertaking	Benefitted Population by the project	Undertaking for Beneficiary Population.pdf

Undertaking

☒ I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information is found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at our risk and cost. In addition to the above, I hearby give undertaking that no activity/construction/expansion has been taken up

12. Name	Radhe Shyam Yadav
13. Designation	Project Director
14. Company	NHAI
15. Address	S-8/108 F-4 DIG COLONY MAQBOOL ALAM ROAD VARANASI UP 221002
16. Date	30-09-2022