



बिहार सरकार

पर्यावरण, वन एवं जलवायु परिवर्तन विभाग
कार्यालय : प्रधान मुख्य वन संरक्षक, बिहार, पटना।

(कैम्पा एवं वन संरक्षण संभाग)

तृतीय तल अरण्य भवन, शहीद पीर अली खाँ मार्ग, पटना-800 014

संख्या व.सं/31/2021-

प्रेषक,

अरविन्दर सिंह, भा0व0से0
अपर प्रधान मुख्य वन संरक्षक (कैम्पा)
-सह-नोडल पदाधिकारी (वन संरक्षण),
बिहार, पटना।

सेवा में,

उप वन महानिदेशक (केन्द्रीय),
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
क्षेत्रीय कार्यालय, मेकॉन कॉलोनी
A-2 श्यामली, राँची-834002

पटना 14, दिनांक-

विषय - पटना जिलान्तर्गत जटडुमरी-दनियावाँ नई रेल लाईन परियोजना में SH-4 (23.80 KM) पथ पर रेलवे क्रासिंग निर्माण हेतु वन (संरक्षण) अधिनियम, 1980 के तहत 0.2 हे० वन भूमि अपयोजन के प्रस्ताव पर सैद्धान्तिक स्वीकृति के संबंध में।

प्रसंग - भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, क्षेत्रीय कार्यालय राँची का पत्रांक FP/BR/RAIL/84637/2020 दिनांक 15.11.2021

महाशय,

उपर्युक्त विषयक संबंध में सूचित करना है कि प्रसंगाधीन पत्र द्वारा मांगी गयी सूचनाओं का निराकरण प्रतिवेदन अपर महाप्रबंधक (प्रोजेक्ट), रेल विकास निगम लिमिटेड, पटना के पत्रांक 1346 दिनांक 03.12.2021 (छायाप्रति संलग्न) द्वारा प्राप्त हुआ है, जो निम्नलिखित है-

क्रम सं.	पृच्छा	निराकरण
1	Part-II of the proposal.	वन प्रमंडल पदाधिकारी, पटना हस्ताक्षरित Part-II इस पत्र के साथ संलग्न।
2	As per area calculation details, the forest area required for the project appears to be 0.1304 ha instead of 0.2 ha. It may be clarified.	अपर महाप्रबंधक (प्रोजेक्ट), रेल विकास निगम लिमिटेड, पटना के पत्रांक 1346 दिनांक 03.12.2021 द्वारा इस संबंध में स्पष्टीकरण समर्पित किया गया जो इस पत्र के साथ संलग्न।
3.	Kml file of one segment is uploaded twice in place of two different segments.	Kml file online में uploaded कर दिया गया है।
4	List of tree enumeration which is proposed for felling in the project.	परियोजना निर्माण के क्रम में प्रभावित होने वाले वृक्षों की गणना सूची इस पत्र के साथ संलग्न है एवं इसे online में uploaded कर दिया गया है।

उपर्युक्त तथ्यों के आलोक में अनुरोध है कि विषयगत परियोजना पर सैद्धान्तिक स्वीकृति यथाशीघ्र प्रदान करने की कृपा की जाय।

अनु०—यथोक्त।

विश्वासभाजन,

ह०/—

(अरविन्दर सिंह)

अपर प्रधान मुख्य वन संरक्षक (कैम्पा)
—सह—नोडल पदाधिकारी (वन संरक्षण),
बिहार, पटना।

ज्ञापांक— व.सं/31/2021—125

दिनांक— 11/02/2022

प्रतिलिपि— प्रधान सचिव, पर्यावरण एवं वन विभाग, बिहार, सरकार को भारत सरकार के पत्रांक FP/BR/RAIL/84637/2020 दिनांक 15.11.2021 के क्रम में सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

(अरविन्दर सिंह)

अपर प्रधान मुख्य वन संरक्षक (कैम्पा)
—सह—नोडल पदाधिकारी (वन संरक्षण),
बिहार, पटना।



रेल विकास निगम लिमिटेड
Rail Vikas Nigam Limited

गुणवत्ता, गति एवं पारदर्शिता
(A Government of India Enterprise)

A-21, Police Colony, Anisabad
P.S.-Gardanibagh, Patna-800002
E-mail : cpmrvnlbsb@gmail.com
CIN : L 74999DL2003 GOI118633

No-2021/RVNL/PNBE/JTDM-DAWN/1346

Date-03.12.2021

Add. Principal Chief Conservator
Forests (Campa)
Cum
Nodal Officer
Forest Conservation,
Patna.



Handwritten signature

Sub: - Compliance for the letter under references in connection with "Proposal for translocation/cutting of existing trees over SH-4 (Daniawan) for the work of Construction of New BG Rail Line from Jatdumri to Daniawan under Danapur Division of East Central Railway in Bihar".

Ref: -

- I. FP/BR/Rail/84637/2020/5035 Dated 15.11.2021
- II. V.S/31/2021-1056 Dated 02.12.2021

Para-wise Compliance of the observation mentioned under reference letter I. and II.

Sl. No	Observations	Compliances
i.	Part -II of the proposal	Complied, as it is already at Aranya Bhawan.
ii.	As per area calculation details, the forest area required for the project appears to be 0.1304 ha instead of 0.2 ha.it may be clarified.	Mathematically, Area calculated as 0.073335 ha +0.057083 ha = 0.130418 ha (in Six Digit after decimal) but as per google earth online area calculation with reference coordinates is 0.1 ha for each segment (in Single digit after decimal). Online Area calculation for both segments are attached for reference. Also, mathematically (in single digit after decimal) area for each segment will be 0.073335 ha-Treated as 0.1 ha (For Segment-I) 0.057083 ha-Treated as 0.1 ha (For Segment-II) Hence total area mentioned as 0.2 ha. It is already certified by DFO/ Patna.
iii.	Kml file of one segment is uploaded twice in place of two different segments.	Both the segment shows in both Kml files. Hence uploaded same in both different segments. But now two different files for two different segments are made and submitted with this letter.
iv.	List of tree enumeration which is proposed for felling in the project.	List of trees and its enumeration (Certified by DFO/Patna) are submitted with this letter.

This is for your kind information please.

Handwritten signature
03.12.2021
Ajoy Kumar
Addl.General Manager
RVNL/Patna

Segment-1



03-12-2021

Segment - 2



02.12.2019

PART -II

(To be filled by the concerned Deputy Conservator of Forest)

State Serial No. of Proposal

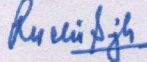
Sl. No.	Item	Remarks
7	Location of the Project/Scheme	Construction of Roadbed, Level crossing, Minor Bridges, Track Linking and General Electrical Work in connection with new Railway Line from Jatdumri to Daniyawan Division on Danapur Division of East Central Railway in Bihar,
(i)	State/Union Territory	Bihar
(ii)	District	Patna
(iii)	Forest Division	Patna Forest Division , Patna
(iv)	Area of forestland proposed for diversion(ha).	0.2 hactare
(v)	Legal status of the Forest	The proposed project area is passing through protected forest area of notified protected forest ie, Daniawan-Hilsa-Ikangarsarai road, in Patna Forest Division, part of Patna East Range is notified as Protected Forest by Environment and Forest Department, Government of Bihar through Vide S.O.No. Notification No 1255-E, dated 30.09.1994 in which the present proposal for total about 0.2 ha (as per field verificaiton) is submitted for diversion. (Notification annexed in Annexure 1 of Part 2)
(vi)	Density of Vegetation	< 0.1. The proposed project involves felling/translocation of 109 trres. Out of these there are more than 100 Eucalyptus tress and trees of girth size more than 1 metre. These trees can felled since their survival chances after translocation is bare minimum. Rest 7 trees can be translocated (As per Letter no 39/2012-974(E). dated 26.07.2019). (Notification attached as Annexure 2 of Part 2) For the translocation of trees as separate Tree protection Plan will be submitted by the user agency. Submission of tree protection plan is pending with the user agency.
(vii)	Species - wise (Scientific names) and diameter class wise enumeration of trees(to be enclosed .In case of irrigation/hydal projects enumeration bat FRL,FRL-2, & FRL-4 meter also to be enclosed.)	Enclosed in Annexure 3 of Part 2
(viii)	Brief notes on vulnerability of the forest area to erosion.	Generally the project area is vulnerable to very low soil erosion due to intrinsic geological features of the substrate during rainy season.
(ix)	Approximate distance of proposed site for division from boundry of forest.	Thr proposed area is notified protected forest areas of road side. The nearest natural forest boundary form the ranges in which the proposed site is situated is Rajgir Wildlife Sanctuary in Nalanda Forest Division.
(x)	Whether forms parts of National park, Wild Life sanctuary, biosphere reserve, Elephant corridor, etc.(If so , the details of the area and comments of the chief Wildlife Warden to be Annexed.)	No. The proposed project area is only notified protected forest and does not form part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant corridor, Ecosensitive Zone etc.
(xi)	Whether any rare/endangered/unique species of flora and founa found in the area, if so details thereof.	Nilgai is found naturally across the patna district in farm lands. The undersigned is of opinion that the proposed project will no way affect the distribution or movement of any wild animal found in the areas where it is found. The crop raiding Nilgai is rarely forund in adjoing areas of the proposed project roads.
(xii)	Whether any protected archeological/heritage site defence establishment or any other important monument is located in the area. If so , the details therefore with NOC from coptetent authority, if required.	As per my knowledge and the enquiry report of ther Forest official and information provided by the user agency, there is no record of any protected archaeological/heritage site/defence establishment or any other important monument located near of the proposed project site.
8	Whether the requirement of forest land as proposed by the user agency in col.2 of part -1 is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	The requirement of forest land as proposed by the user aency in Coumn 2 of part 1 is unavoidable and barest minimum of the project. It has proposed 0.2 ha inspection by me with the Ser agency.

9	Whether any work in violation of the Act has been carried out(YES/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	No.
10	Details of compensatory afforestation scheme.	The proposed project involves diversion of 0.2 hectares of Forest land. The compensatory afforestation is proposed to be undertaken in Patna Forest Division.
(i)	Details of non-forest area /degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, Size of each patch.	The compensatory afforestation will be done on available non forest land on roads side in Patna Forest Division.
(ii)	Map Showing non-forest area /degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Annexure 4 of part 2
(iii)	Detailed Compensatory afforestation scheme including species to be planted, implementing agency, time sheduled, cost structure etc.	Annexure 5 of part 2
(iv)	Total financial outlay for compensatory afforestation.	4937003/-
(v)	Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the conferred Deputy Conservator of Forest.)	Annexure 6 of part 2
11	Site inspection report of D.C.F (to be enclosed especially highlights facts asked in col. 7 (xi, xii) 8 & 9 above.	Enclosed as Annexure 7 of part 2
12	Division /District profile	
(i)	Geographical area of the Division.	3202 Sqr. Kilo Meter
(ii)	Forest area of the Division.	2790.62 [linear plantation along road as declared as P.F.]
(iii)	Total forest area diverted since 1980 with number of cases.	75.64165 sq kms in last 5 years.
(iv)	Total compensatory afforestation stipulated in the district/division since 1980 on.	6322 trees in gabions have been planted in the division in last five years under compensatory afforestation.
	(a) Forest land including penal compensatory afforestation.	Nil
	(b) Non-forest land.	The tree were planted on non forest land.
13	Specify recommendations of the D.C.F for acceptance or otherwise of the proposal with reasons.	The proposed area was inspected by me on 16.06.2020. The site inspection report has been enclosed in Annexure- 7 of Part 2

Date: 17.06.2021

Place: PATNA

Signature



Divisional Forest Officer

Patna Forest Division, Patna.

JUTDUMRI TO DANIWAN NEW RAILWAY LINE TREES LIST MEASUREMENT DANIWAN SITE ON SH-4

SH-4 Patna District

Patna district(LHS)

SL No	Name of Tree	Girth(in cm)						Remarks
		0-29	30-60	61-90	91-120	121-150	Above of 150	
1	Eucalyptus				1			Green
2	Eucalyptus				2			Green
3	Eucalyptus					3		Green
4	Eucalyptus					4		Green
5	Eucalyptus					5		Green
6	Eucalyptus					6		Green
7	Eucalyptus				7			Green
8	Eucalyptus					8		Green
9	Eucalyptus					9		Green
10	Eucalyptus				10			Green
11	Eucalyptus					11		Green
12	Eucalyptus						12	Green
13	Eucalyptus				13			Green
14	Eucalyptus					14		Green
15	Eucalyptus				15			Green
16	Eucalyptus					16		Green
17	Eucalyptus					17		Green
18	Eucalyptus						18	Green
19	Eucalyptus					19		Green
20	Eucalyptus					20		Green
21	Eucalyptus					21		Green
22	Eucalyptus						22	Green
23	Eucalyptus				23			Green
24	Eucalyptus				24			Green
25	Eucalyptus				25			Green
26	Eucalyptus						26	Green
27	Eucalyptus					27		Green
28	Eucalyptus					28		Green
29	Eucalyptus					29		Green
30	Eucalyptus					30		Green
31	Eucalyptus					31		Green
31A	Chhatwan	31A	Refraction					Green
32	Eucalyptus						32	Green
33	Eucalyptus					33		Green
34	Eucalyptus					34		Green
35	Eucalyptus			35				Green
36	Eucalyptus						36	Green
37	Eucalyptus				37			Green
38	Eucalyptus						38	Green
39	Eucalyptus				39			Green
40	Eucalyptus				40			Green
41	Eucalyptus				41			Green
41A	Chhatwan	41A	Refraction					Green
42	Eucalyptus				42			Green
43	Eucalyptus				43			Green
44	Eucalyptus						44	Green
45	Eucalyptus			45				Green
46	Eucalyptus					46		Green
47	Eucalyptus					47		Green
48	Eucalyptus			48				Green
49	Eucalyptus				49			Green
50	Eucalyptus					50		Green

K.K. Singh
RE/Civil

Nishu Kumar
23/11/2017
278 G.A. U.P. W.S. 2017

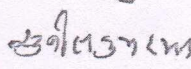
JUTDUMRI TO DANIWAN NEW RAILWAY LINE TREES LIST MEASUREMENT DANIWAN SITE ON SH-4

S.H-4 (Patna District)

Patna District(LHS)

SL No.	Tree No	NAME OF TREE	Tree Girth(In cm)	Remarks
1	1	Eucalyptus	111	Green
2	2	Eucalyptus	117	Green
3	3	Eucalyptus	158	Green
4	4	Eucalyptus	132	Green
5	5	Eucalyptus	140	Green
6	6	Eucalyptus	127	Green
7	7	Eucalyptus	106	Green
8	8	Eucalyptus	122	Green
9	9	Eucalyptus	133	Green
10	10	Eucalyptus	116	Green
11	11	Eucalyptus	142	Green
12	12	Eucalyptus	192	Green
13	13	Eucalyptus	94	Green
14	14	Eucalyptus	147	Green
15	15	Eucalyptus	100	Green
16	16	Eucalyptus	147	Green
17	17	Eucalyptus	125	Green
18	18	Eucalyptus	155	Green
19	19	Eucalyptus	140	Green
20	20	Eucalyptus	140	Green
21	21	Eucalyptus	128	Green
22	22	Eucalyptus	154	Green
23	23	Eucalyptus	115	Green
24	24	Eucalyptus	107	Green
25	25	Eucalyptus	118	Green
26	26	Eucalyptus	171	Green
27	27	Eucalyptus	123	Green
28	28	Eucalyptus	122	Green
29	29	Eucalyptus	136	Green
30	30	Eucalyptus	124	Green
31	31	Eucalyptus	127	Green
32	31a	Chhatwani	0	Green
33	32	Eucalyptus	188	Green
34	33	Eucalyptus	129	Green
35	34	Eucalyptus	127	Green
36	35	Eucalyptus	88	Green
37	36	Eucalyptus	161	Green
38	37	Eucalyptus	95	Green
39	38	Eucalyptus	164	Green
40	39	Eucalyptus	115	Green
41	40	Eucalyptus	110	Green
42	41	Eucalyptus	109	Green
43	41A	Chhatwani	0	Green
44	42	Eucalyptus	112	Green
45	43	Eucalyptus	118	Green
46	44	Eucalyptus	169	Green
47	45	Eucalyptus	79	Green
48	46	Eucalyptus	132	Green
49	47	Eucalyptus	137	Green

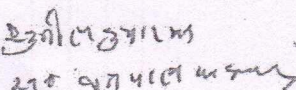

 K.K. Singh
 RE/Civil
 Date 12/07/2024
 K.K Singh
 RE/Civil

Niraj Kumar

 22/07/2024

Ref: 12/07/2024

SL No.	Tree No	NAME OF TREE	Tree Girth(In cm)	Remarks
50	48	Eucalyptus	70	Green
51	49	Eucalyptus	108	Green
52	50	Eucalyptus	125	Green
53	51	Eucalyptus	117	Green
54	52	Eucalyptus	101	Green
55	53	Eucalyptus	90	Green
56	54	Eucalyptus	136	Green
57	55	Eucalyptus	142	Green
58	56	Eucalyptus	207	Green
59	57	Eucalyptus	147	Green
60	58	Eucalyptus	107	Green
61	59	Eucalyptus	149	Green
62	59 A	Replantation Chhatwani	0	Green
63	59B	Replantation Chhatwani	0	Green
64	60	Eucalyptus	171	Green
65	61	Eucalyptus	167	Green
66	62	Eucalyptus	119	Green
67	63	Eucalyptus	156	Green
68	64	Eucalyptus	93	Green
69	65	Eucalyptus	101	Green
70	66	Eucalyptus	133	Green
71	67	Eucalyptus	120	Green
72	68	Eucalyptus	222	Green
73	69	Eucalyptus	98	Green
74	70	Eucalyptus	131	Green
75	71	Eucalyptus	119	Green
76	72	Eucalyptus	115	Green
77	73	Eucalyptus	157	Green
78	74	Eucalyptus	171	Green
79	75	krisnachura	105	Green
80	76	simul	244	Green
81	77	krisnachura	129	Green
82	78	Arjuna	32	Green


 K.K Singh
 RE/Civil

Nitish Kumar

 21st April 2019

JUTDUMRI TO DANIWAN NEW RAILWAY LINE TREES LIST MEASUREMENT DANIWAN SITE ON SH-4

S.H-4 (Patna District)

Patna District(RHS)

SL No.	Tree No	NAME OF TREE	Tree Girth(In cm)	Remarks
1	1	Eucalyptus	116	Green
2	2	Eucalyptus	197	Green
3	3	Eucalyptus	185	Green
4	4	Eucalyptus	109	Green
5	5	Eucalyptus	241	Green
6	6	Eucalyptus	110	Green
7	7	Eucalyptus	144	Green
8	8	Eucalyptus	114	Green
9	9	Eucalyptus	84	Green
10	10	Eucalyptus	180	Green
11	11	Eucalyptus	180	Green
12	12	Eucalyptus	119	Green
13	13	Eucalyptus	112	Green
14	14	Eucalyptus	134	Green
15	15	Eucalyptus	218	Green
16	16	Eucalyptus	109	Green
17	17	Eucalyptus	138	Green
18	18	Eucalyptus	138	Green
19	19	Eucalyptus	176	Green
20	20	Eucalyptus	126	Green
21	21	Eucalyptus	145	Green
22	22	Eucalyptus	180	Green
23	22A	Eucalyptus	22	Green
24	23	Eucalyptus	153	Green
25	24	Eucalyptus	84	Green
26	25	Eucalyptus	135	Green
27	26	Eucalyptus	220	Green

Niraj Kumar

23/01/2012 ml
270 018 4101 measurement

K.K. Singh
Date 12/04/2019
K.K. Singh

SH-4 Patna District									
Patna district(LHS)									
SL No	Name of Tree	Girth(in cm)						Remarks	
		0-29	30-60	61-90	91-120	121-150	Above of 150		
51	Eucalyptus				51			Green	
52	Eucalyptus				52			Green	
53	Eucalyptus			53				Green	
54	Eucalyptus					54		Green	
55	Eucalyptus					55		Green	
56	Eucalyptus						56	Green	
57	Eucalyptus					57		Green	
58	Eucalyptus				58			Green	
59	Eucalyptus					59		Green	
59A	Chatwan	59A	Defoliation						
59B	Chatwan	59B	Refoliation						
60	Eucalyptus						60	Green	
61	Eucalyptus						61	Green	
62	Eucalyptus				62			Green	
63	Eucalyptus						63	Green	
64	Eucalyptus				64			Green	
65	Eucalyptus				65			Green	
66	Eucalyptus					66		Green	
67	Eucalyptus				67			Green	
68	Eucalyptus						68	Green	
69	Eucalyptus				69			Green	
70	Eucalyptus					70		Green	
71	Eucalyptus				71			Green	
72	Eucalyptus				72			Green	
73	Eucalyptus						73	Green	
74	Eucalyptus						74	Green	
75	krisnachura			75				Green	
76	simul						76	Green	
77	krisnachura					77		Green	
78	Arjuna		78						
	TOTAL =	4	1	5	26	30	16		
		TOTAL NUMBER OF TREE LHS = 82 NO'S							

K.K Singh
RE/Civil

Niraj Kumar
27/01/2017
270 977 41 81 11/2017

JUTDUMRI TO DANIWAN NEW RAILWAY LINE TREES LIST MEASUREMENT DANIWAN SITE ON SH-4								
SH-4 Patna District								
Patna district(RHS)								
SL No	Name of Tree	Girth(in cm)						Remarks
		0-29	30-60	61-90	91-120	121-150	Above of 150	
1	Eucalyptus				1			Green
2	Eucalyptus						2	Green
3	Eucalyptus						3	Green
4	Eucalyptus				4			Green
5	Eucalyptus						5	Green
6	Eucalyptus				6			Green
7	Eucalyptus					7		Green
8	Eucalyptus				8			Green
9	Eucalyptus			9				Green
10	Eucalyptus						10	Green
11	Eucalyptus						11	Green
12	Eucalyptus				12			Green
13	Eucalyptus				13			Green
14	Eucalyptus					14		Green
15	Eucalyptus						15	Green
16	Eucalyptus				16			Green
17	Eucalyptus					17		Green
18	Eucalyptus					18		Green
19	Eucalyptus						19	Green
20	Eucalyptus					20		Green
21	Eucalyptus					21		Green
22	Eucalyptus						22	Green
22A	Eucalyptus	22A	Reparation					
23	Eucalyptus						23	Green
24	Eucalyptus			24				Green
25	Eucalyptus					25		Green
26	Eucalyptus						26	Green
TOTAL =		1		2	7	7	10	
TOTAL NUMBER OF TREE RHS = 27 NO'S								


 K.K. Singh
 RE/Civil

Niraj Kumar

23/11/2017
 270 915 418 1194