

ಡಾ|| ಮಂಜುಳ. ಎನ್. ಭಾ.ಆ.ಸೇ

ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

Dr. Manjula. N. IAS.,
Managing Director



Rail Infrastructure Development Company (Karnataka) Limited

(A Joint Venture of Govt. of Karnataka & Ministry of Railways)

ರೈಲು ಮೂಲಸೌಲಭ್ಯ ಅಭಿವೃದ್ಧಿ ಕಂಪನಿ (ಕರ್ನಾಟಕ) ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಮತ್ತು ರೈಲ್ವೆ ಸಚಿವಾಲಯದ ಜಂಟಿ ಉದ್ದಮೆ)

K RIDE/Projects/BSRP/Depot/Forest/55

Date: 22.01.2025

The Additional Chief Secretary
Government of Karnataka
Department of Forest, Ecology & Environment
Bengaluru

Dear Sir,

Sub.: Compliance to the clarifications sought in connection with the diversion of 18.60 Ha of Forest land in Sy. No. 124 of Akkupete village, Kasaba Hobli, Devanahalli Taluk, Bengaluru Rural District for the construction of the Rail Depot under Bengaluru Sub – Urban Rail Project (BSRP) in favour of Manager, Rail Infrastructure Development Company (Karnataka) Limited, Samparka Soudha, Dr. Rajkumar Road, Rajajinagar, Bengaluru. **Proposal No. FP/KA/RAIL/142190/2021 [Form - A].**

- Ref.:**
1. Online application no. FP/KA/RAIL/142190/2021 submitted in PARIVESH portal of Ministry of Environment, Forest & Climate Change dated 09.05.2021
 2. Online application no. FP/KA/RAIL/142190/2021 [Form - A Part -1] resubmitted in PARIVESH portal of Ministry of Environment, Forest & Climate Change dated 05.04.2022
 3. PCCF (HoFF), GoK letter no. KFD/HoFF/A5-4(GFL)/14/2021-FC dated 30.09.2024
 4. GoK letter no. FEE/252/FLL 2024(E) dated 04.11.2024 (Stage – 1 proposal)
 5. MoEF&CC, GoI, Regional Office, Bengaluru letter no. 4-KRC 1497/2024-BAN/483 dated 03.12.2024.
 6. PCCF (HoFF), GoK letter no. KFD/HoFF/A5-4(GFL)/14/2021-FC dated 18.12.2024

Rail Infrastructure Development Company (Karnataka) Limited (K RIDE), a JV of Government of Karnataka (GoK) and Ministry of Railways (MoR), is entrusted with the responsibility of execution of Bengaluru Suburban Railway Project (BSRP). The project comprises of four Corridors at a total length of 148.17 km along with the depots for maintenance of rakes.

Vide reference no. (1) cited above, K RIDE (user agency) submitted the application and subsequently resubmitted vide letter cited at reference no. (2) above, for the diversion 18.60 Ha of Forest land in Sy. No. 124 of Akkupete village, Kasaba Hobli, Devanahalli Taluk, Bengaluru Rural District for the construction of the Rail Depot under Bengaluru

Sub – Urban Rail Project (BSRP). The proposal was accepted by the Nodal officer on 16.04.2022 and recommended to process the application under Section – 2 of Forest Conservation Act, 1980.

In continuation to the above, the officers of Forest Department have inspected the site & provided their remarks and requested your good office to accord the recommendations on the application/ proposal for the diversion of above forest land. The same was recommended and has been forwarded to the Regional Office, Ministry of Environment, Forests & Climate Change (MoEF&CC), Government of India (GoI), Bengaluru.

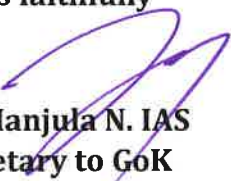
In reply to the above, the application/ proposal has been analysed and vide letter cited at reference no. (5) above, clarifications/ information/ documents were sought by the Regional Office, MoEF&CC, GoI, Bengaluru. A para wise replies is prepared and enclosed along with the respective annexures from our end, which may be referred for sending the response to MoEF&CC.

Hence, it is requested to review the compliance from our end along with the recommendations of Forest Department and provide your kind recommendations to MoEF&CC for the diversion of above Forest Land.

Your kind support in executing the above request would greatly assist in ensuring the timely progress of this crucial project.

Encl.: As above

Yours faithfully



Dr. Manjula N. IAS
Secretary to GoK
Department of Infrastructure Development,
Ports, Inland Water &
i/c Managing Director/ K RIDE

CC: 1. PCCF (HoFF), GoK
2. CF, Bengaluru Division

Inputs for the note of ACS, Forest Department GoK

Sub: Diversion of 18.6 Ha. of forest land in Sy.No.124 of Akkupete village, Kasaba Hobli, Devanahalli Taluk, Bengaluru Rural District for Rail Infrastructure Development Company (Karnataka) Limited (KRIDE).

| Sl.No | Observations | Response |
|-------|---|---|
| 1 | As per the subrule 16 of rule 9 of Van (Sanrakshan Evam Samvardhan) Rules 2023, the proposal which involves forest land of more than five hectares, shall be forwarded by the Nodal Officer, with the approval of the Principal Chief Conservator of Forests, to the State Government or Union territory Administration, along with the Project Screening Committee's recommendation and the same shall also be forwarded to the Regional Office. The recommendation of PSC is not submitted along with the proposal. | The recommendation of Project Screening Committee (PSC) may be provided by the Nodal Officer, Forest Department. |
| 2 | The DCF Bengaluru Rural Division has not recommended the proposal citing that the felling of 17,615 number of trees would affect the flora, fauna and the microclimate of the area. In this regard the State Government shall offer its comments regarding the adverse effect on the ecosystem of the area, due to felling of so many trees. | <p>The DCF, Bengaluru Rural Division (Devanahalli) shall submit the recommendations on the flora, fauna and the microclimate of the area.</p> <p>Additionally, it is to be noted that the site inspection report dated 20.10.2023, submitted by DCF, Bengaluru Rural Division (Devanahalli), states that there are no rare/endangered / unique species of flora and fauna found in the proposed area. Also, it suits that the proposed forest land is not a part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc., and there is no area of protected archaeological/ heritage site/ defence establishment or any other important monument involved.</p> <p>The proposed for the diversion of 18.6 Ha of land for the maintenance of depot for BSRP (Bengaluru Suburban Rail Infrastructure) at Akkupete was a degraded land which was taken up for afforestation activity and subsequently plantation of Acacia (11185 nos.), Eucalyptus (5943 nos.) trees has been carried out. A few trees of other species were naturally grown in this region, all of which counts to a total of 17,359 trees.</p> <p>A copy of the site Inspection Report issued DCF, BLR Rural is enclosed as Annexure - 1.</p> |
| 3 | Further, the Hon'ble NGT has suo moto registered an Original Application No.792 of 2024(PB) (renumbered as Original Application No.236 of 2024(SZ), based on the news item published in 'Bengaluru - | The Suo - motu case is under hearing with the NGT Southern Bench, Chennai. In the last hearing dated 25.10.2024, NGT in its order dated 25.10.2024 (Annexure -2), instructed to file the response from every respondent. |

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| | <p>Hindustan Times' dated 11.06.2024 titled "Over 2000 citizens oppose felling of 33,000 trees for Bengaluru Suburban Railway Project. In this regard the State Govt. is requested to submit the updated status of the case and also clarify if the number of trees to be felled is 17,615 or 33,000.</p> | <p>Accordingly, the filing of response of K RIDE is done & the responses of other respondents are under progress.</p> <p>The actual number of trees infringing the alignment of BSRP is estimated to 32,572 trees, in which, 17359 trees located in the proposed Forest land, the remaining 15,213 trees location are scattered in the entire stretch of 148 kms of BSRP.</p> <p>The Compensatory Afforestation of 17,359 trees will be raised by Forest Department in the alternative land as per the regulations and the financial implication will be borne by K-RIDE.</p> <p>The Compensatory Afforestation of the remaining trees of 15,213 nos., proposal was submitted in various phases for 10,736 trees till date, in which, 1,515 trees are retained, 563 trees are permitted to transplant, 5,661 trees are permitted for felling and the remaining 2,997 trees are under examination. Out of this, 2,047 trees were felled & 71 trees were transplanted. However, 26,340 saplings have been planted in the year 2024 and it is planned to take up compensatory afforestation of 70,000 more saplings in the year 2025 in the ratio of 1:10.</p> <p>List of trees enumerated in the proposed Forest land is enclosed as Annexure - 2A.</p> |
| 4 | <p>The CCF has recommended the proposal stating that all the trees proposed to be felled are Eucalyptus. However, tree enumeration details submitted show that there are another 14 different type of tree species listed. In this regard the State Government shall offer its comments.</p> | <p>The proposed land was degraded land for which compensatory afforestation was done by Forest Department with mainly Acacia (11185 nos.) and Eucalyptus (5943 nos.) trees. However, a few trees of other species were naturally grown in this region which are existing and all of which counts to a total of 17,359 trees.</p> |
| 5 | <p>The construction of rail depot in the forest land is not a site-specific activity. In this regard the State Government is requested to provide the justification for establishing the rail depot in forest land instead of non-forest land.</p> | <p>i. The proposed depot of Suburban Rail Project is located in deemed Forest area in survey no. 124 of Akkupete village, Kasaba Hobli, Devanahalli Taluk, Bengaluru Rural District over an area of 18.6 Ha respectively. The proposed depot is nearer to the existing Devanahalli Railway station and also very close to Devanahalli International Airport. Devanahalli station is a terminal station on Suburban network. During the identification of other land parcels for maintenance depot, this parcel has been identified as the bare minimum and found technically feasible in the vicinity.</p> |

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| | | <p>ii. The location of Maintenance Depot has to be near a terminal station for that the rakes can be sent to maintenance after completion of one trip and there is no necessity of any dry run.</p> <p>iii. Proximity to alignment: Site must be located as close to the alignment as possible so that no time is wasted in placement/retrieval of rakes from depot. In addition, it will save expenditure in construction and operation of the feeder line and dead run from and to depot;</p> <p>iv. Ease of movement: there should not be any obstruction to movement of rakes in either direction so that defective rakes can be withdrawn from service & placed in depot for maintenance and healthy rakes can be retrieved from depot & pressed in service;</p> <p>v. The land for depot has to be located away from 'Silent zone' or in the isolated area as the prospects during repair, maintenance and alternations of train or using of heavy machineries like cranes, lifters etc. which may affect the livelihood, hospitals, educational institutions. Also, the sewer treatment plant and the water treatment plant are planned inside the depot.</p> <p>vi. The land for depot is required without any overhead, underground restrictions as the BSRP substation are planned for electrification / traction purposes which may require clearances adequately.</p> <p>vii. In order to avoid acquisition of Forest land as above, all efforts have been made by K-RIDE duly studying alternative locations.</p> <p>a. Alternatively, survey no. 94 & 131, Jnana Bharathi campus, Bengaluru university, was also studied. The location falls within the busy. Bengaluru central district and has an area of about 31 acre. The land requirement for K-RIDE is about 60 acre for Depot. The location was found not feasible, since it is inside the city limits with educational institutes nearby and also the area is not sufficient.</p> <p>b. Another location at Betta Halasuru village in survey no. 259, Jala hobli,</p> |
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| | | <p>Bengaluru north district was also inspected. The land requirement for K-RIDE is about 60 acre. The available land in survey no. 259 is about 50 acre and land has been already allotted to some other agencies / farmers. The balance land available is in small discontinuous plots, which is not suitable for BSRP depot. In view of this, the above location was not found feasible.</p> <p>Hence, in view of the above deemed forest land proposed in para no. 1 above is the only feasible location for BSRP depot.</p> <p>A copy of the justification provided and uploaded by KRIDE is enclosed as Annexure- 3</p> |
| 6 | The C:B ratio is not submitted. | The C:B ratio may be submitted by Forest Department. |
| 7 | The KML files of the alternatives examined is not uploaded in PARIVESH portal. | The kml files of the alternative lands examined has to be uploaded in PARIVESH portal by DCF, Devanahalli (Addagollu, Kolar Division) |
| 8 | The KML file and non-encumbrance certificate of the non-forest land (18.61 ha of NFL in Sy. No. 65 of Sasalu village, Sasalu Hobli, Doddaballapura Taluk, Bangalore Rural District) identified for CA is not submitted. | <p>The KML file and non-encumbrance certificate of the non-forest land (18.61 ha of NFL in Sy. No. 65 of Sasalu village, Sasalu Hobli, Doddaballapura Taluk, Bangalore Rural District) identified for CA is uploaded in PARIVESH portal.</p> <p>However non-encumbrance certificate of the non-forest land is not applicable as it is Govt. Land</p> |
| 9 | The site suitability certificate of 32.20 ha of DFL identified for plantation in Adagal State Forest, Sy. No. 70 of Diguamarampalli Village and Sy. No. 73 of Thimmalapalli Village, Nelavanki Hobli, Srinivaspura taluk, Kolar State Forest is not submitted. | The DCF Devanahalli shall seek SSC from DCF, Kolar Division. The same shall be provided to DCF, Devanahalli. Upon their certification, the report may be uploaded in PARIVESH. |
| 10 | In the land-use/component wise break up it is mentioned that an area of 5 ha. will be used for construction of Buildings. The State Government is requested to clarify what type/ nature of buildings have been proposed. | <p>The building of depot documents is enclosed approximate 50,550 sq.m or 5.05 Ha .</p> <p>A list of the proposed main buildings in maintenance Depot are as follows:</p> <ol style="list-style-type: none"> Stabling lines buildings Inspection lines building Repair lines building Work shop lines building Auto work plant building Ancillary building Associated warehouse facility <p>A detailed list of structures is enclosed at Annexure -4</p> |
| 11 | The State Government may explore other non - forest land for execution of the project. | The State Govt. explored with all its efforts to identify non-forest land in and around the alignment of BSRP. |

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| | | <p>In order to avoid acquisition of Forest land as above, all efforts have been made by K- RIDE duly studying alternative locations.</p> <p>In the approved alignment of BSRP, there is no feasible non – forest land options available and due to the fact that the alignment shall be placed with a minimum curve &with a minimum distance. These factors were not available in any of the land parcels identified by K RIDE as an alternative. Hence, the bare minimum parcel of Forest land has been proposed.</p> |
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OFFICE OF THE DEPUTY CONSERVATOR OF FOREST
BANGALORE RURAL DIVISION, DEVANAHALLI

SITE INSPECTION REPORT


The proposed site for diversion of 18.60 hectares of forest land in Sy No.124 of Akkupete village, Kasaba Hobli, Devanahalli Taluk of Akkupete Reserve Forest, Devanahalli Range, Bangalore Rural Division for construction of rail depo in favour of Rail Infrastructure development Company (Karnataka) Ltd (KRIDE) was inspected personally by me on 20.10.2023

Rail Infrastructure development Company (Karnataka) Ltd (KRIDE) had submitted online application for diversion of 18.60 hectares vide online proposal No. FP/KA/RAIL/142190/2021 [FORM-A] Part-I under Forest (Conservation) Act, 1980.

The proposed unit of land measuring 18.60 ha falls in Akkupete Reserve Forest. The Type of Forest is of Eco class-III with Tropical Dry Deciduous Open Forest. There are totally 17609 no of trees that are required to be felled in the area to be diverted, which affects the micro climate, flora and fauna of the forest. There are Spotted deer, Wild Cat, Wild boar, Hare, Peafowl, different species of snakes, birds, insects are present in and around the forest land. There are no rare/endangered/ unique species of flora and fauna found in the proposed area.

The proposed forest land is not part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger reserve, Elephant Corridor, etc. There is no area of protected archaeological/heritage site/defence establishment or any other important monument involved.)

Dated: 20.10.2023
Place: Devanahalli


Deputy Conservator of Forests,
Bangalore Rural Division,
Devanahalli

ANNEXURE - 2
(116)

Item No.14:

**BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

(Through Video Conference)

Original Application No.236 of 2024(SZ)
Earlier O.A. No. 792 of 2024(PB)

IN THE MATTER OF:

Suo Moto matter in respect of news item appearing in The Bengaluru - Hindustan Times dated 11.06.2024 titled "Over 2000 citizens oppose felling of 33,000 trees for Bengaluru Suburban Railway Project: Report".

Bruhat Bengaluru Mahanagara Palike (BBMP),
Through its Chief Commissioner,
Bangalore and Ors.



...Respondent(s)

Date of hearing: 25.10.2024.

CORAM:

HON'BLE Smt. JUSTICE PUSHPA SATHYANARAYANA, JUDICIAL MEMBER

HON'BLE Dr. SATYAGOPAL KORLAPATI, EXPERT MEMBER

For Applicant(s): Suo Motu.

For Respondent(s): Mr. T.V. Sekar for R1.
Mr. R. Sanjeev for R2.
Mr. Rajat Jonathan Shaw represented
Mr. K.M. Darpan for R3 & R4.

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ORDER

1. For filing the report of the respondents, post the matter on
24.01.2025.

Sd/-

Smt. Justice Pushpa Sathyanarayana, JM

Sd/-

Dr. Satyagopal Korlapati, EM

**O.A. No.236/2024(SZ)
25th October, 2024. AD.**



Item No.4:-

**BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

[Through Physical Hearing (Hybrid Option)]

Original Application No.236 of 2024(SZ)

[Earlier O.A. No. 792 of 2024(PB)]

IN THE MATTER OF:

Suo Moto matter in respect of news item appearing in The Bengaluru - Hindustan Times dated 11.06.2024 titled **"Over 2000 citizens oppose felling of 33,000 trees for Bengaluru Suburban Railway Project: Report"**.

Bruhat Bengaluru Mahanagara Palike (BBMP),
Through its Chief Commissioner,
Bangalore and Ors.



...Respondent(s)

Date of hearing: 08.02.2025.

CORAM:

HON'BLE Smt. JUSTICE PUSHPA SATHYANARAYANA, JUDICIAL MEMBER

HON'BLE Dr. SATYAGOPAL KORLAPATI, EXPERT MEMBER

For Applicant(s): Suo Motu.

For Respondent(s): Mr. T.V. Sekar for R1.
 M/s. Ashwini N Ravindra for R2.
 Mr. Rajat Jonathan Shaw represented
 Mr. K.M. Darpan for R3 & R4.

ORDER

1. The 2nd Respondent has filed their response along with supporting documents.

2. The learned counsel for the 2nd Respondent states that a writ petition, **W.P. No. 17841 of 2018**, has been filed before the Hon'ble High Court of Karnataka on a similar issue. If that is so, a copy of the affidavit filed in the writ petition, along with any orders passed therein, must be furnished before the next hearing.

3. List the matter on **21.03.2025**.



Sd/-

Smt. Justice Pushpa Sathyanarayana, JM

Sd/-

Dr. Satyagopal Korlapati, EM

O.A. No.236/2024(SZ)
08th February, 2025. Mn.

ಕ್ರ ಸಂ/ವಅಅ/ದೇವ/ಅರಣ್ಯ/566/2022-23

ವಲಯ ಅರಣ್ಯಾಧಿಕಾರಿಗಳ ಕಛೇರಿ

ದೇವನಹಳ್ಳಿ ವಲಯ, ದೇವನಹಳ್ಳಿ

ದಿನಾಂಕ:03.02.2023.

ಇವರಿಗೆ,

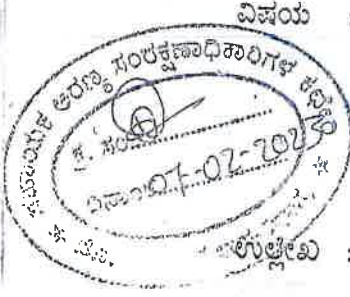
ಉಪ-ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಗಳು,

ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ವಿಭಾಗ,

ದೇವನಹಳ್ಳಿ

“ಸಹಾಯಕ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಗಳು, ದೊಡ್ಡಬಳ್ಳಾಪುರ ಉಪ-ವಿಭಾಗ, ದೊಡ್ಡಬಳ್ಳಾಪುರ ರವರ ಮುಖಾಂತರ”

ಮಾನ್ಯರೇ,



ವಿಷಯ : Diversion of 18.6 Ha of Forest Land in sy no124 of Akkupete Village, Kasaba Hobli, Devanahalli Taluk, Bangalore Rural District for Construction of Rail Depot under Bengaluru Sub-Urban Rail Project (BSRP)-FP/KA/RAIL/142190/2021 ಪ್ರಸ್ತಾವನೆಯ ಕುರಿತು ಕ್ಷೇತ್ರ ತಪಾಸಣೆ ವರದಿ ಸಲ್ಲಿಸುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ : ತಮ್ಮ ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ:ಎ4/ಉಅಸಂ/ಬೆಗ್ರಾವಿ/KRIDE/ಸಿಆರ್-08/2022-23, ದಿನಾಂಕ:29.04.2022.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಕೇಂದ್ರ ಮತ್ತು ರಾಜ್ಯ ಸರ್ಕಾರದ ಸಹಭಾಗಿತ್ವದಲ್ಲಿ ಅನುಷ್ಠಾನಗೊಳಿಸಲಾಗುತ್ತಿರುವ “ಬೆಂಗಳೂರು ಉಪ ನಗರ ರೈಲ್ವೆ ಯೋಜನೆಗೆ ನಿರ್ವಹಣಾ ಘಟಕ” ನಿರ್ಮಾಣಕ್ಕಾಗಿ ದೇವನಹಳ್ಳಿ ತಾಲ್ಲೂಕು, ಕಸಬಾ ಹೋಬಳಿ, ಅಕ್ಕುಪೇಟೆ ಗ್ರಾಮ ಸ.ನಂ.124 ರಲ್ಲಿ 18.6 ಹೆಕ್ಟೇರ್ ಅರಣ್ಯ ಪ್ರದೇಶದ ಜಮೀನು ಅವಶ್ಯಕತೆ ಇದ್ದು, ಸದರಿ ಅರಣ್ಯ ಪ್ರದೇಶಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಕ್ಷೇತ್ರ ತಪಾಸಣೆ ನಡೆಸಿ ಅನುಬಂಧ-2 ರಲ್ಲಿ ಮಾಹಿತಿಯನ್ನು ಭರ್ತಿ ಮಾಡಿ ಸಲ್ಲಿಸುವಂತೆ ಉಲ್ಲೇಖಿತ ಪತ್ರದನ್ವಯ ಸೂಚಿಸಿರುತ್ತೀರಿ.

ಅದರನ್ವಯ ದೇವನಹಳ್ಳಿ ವಲಯ ವ್ಯಾಪ್ತಿಯ ಅಕ್ಕುಪೇಟೆ ರಾಜ್ಯ ಅರಣ್ಯ ಪ್ರದೇಶದ ಸರ್ವೆ ನಂ.124 ರಲ್ಲಿ ಒಟ್ಟು 127 ಎಕರೆ ಅರಣ್ಯ ಪ್ರದೇಶವಿದ್ದು, ಸದರಿ ಅರಣ್ಯ ಪ್ರದೇಶವನ್ನು ಪರಿಶೀಲಿಸಲಾಗಿ, ಉದ್ದೇಶಿತ ಕಾಮಗಾರಿಗೆ ಉಪಯೋಗಿ ಸಂಸ್ಥೆಯವರು ಕೋರಿರುವ 18.6 ಹೆಕ್ಟೇರ್ ಅರಣ್ಯ ಪ್ರದೇಶವು ಸರ್ವೆ ನಂ.124 ರ ಅಕ್ಕುಪೇಟೆ ರಾಜ್ಯ ಅರಣ್ಯ ಪ್ರದೇಶದಲ್ಲಿ ಇರುತ್ತದೆ.

ಹಾಗೆಯೇ ದಿನಾಂಕ:27.04.1978 ರ ಮಾರ್ವದಲ್ಲಿರುವ ಒತ್ತುವರಿ ಪಟ್ಟಿಯಲ್ಲಿರುವ ನಾರಾಯಣಪ್ಪ ಬಿನ್ ನಂಜಪ್ಪ ಇವರು 1 ಎಕರೆ 20 ಗುಂಟೆ ಹಾಗೂ ಗಾಡಿ ಮುನಿಯಪ್ಪ ಬಿನ್ ನಂಜಪ್ಪ, ಅಕ್ಕುಪೇಟೆ ಗ್ರಾಮ ಇವರು 0.38 ಗುಂಟೆ ಪ್ರದೇಶದ (ಒಟ್ಟು 0.9 ಹೆ.) ಅರಣ್ಯ ಒತ್ತುವರಿ ಪ್ರದೇಶವು ಸದರಿ ಉದ್ದೇಶಿತ ಕಾಮಗಾರಿಯ ಪ್ರದೇಶದಲ್ಲಿ ಇರುವುದು ಕಂಡುಬಂದಿರುತ್ತದೆ.

ಮುಂದುವರೆದು ಅಕ್ಕಪಕ್ಕ ರಾಜ್ಯ ಅರಣ್ಯ ಪ್ರದೇಶದ ಸರ್ವೆ ನಂ.124 ರ '18-6 ಹೆಕ್ಟೇರ್ ಅರಣ್ಯ ಪ್ರದೇಶದಲ್ಲಿ
 "ಬೆಂಗಳೂರು ಉಪ ನಗರ ರೈಲ್ವೆ ಯೋಜನೆಗೆ ನಿರ್ವಹಣಾ ಘಟಕ" ನಿರ್ಮಾಣಕ್ಕಾಗಿ ಅಡ್ಡಬರುವ ಸಂಖ್ಯಾವಾರು ಮರಗಳ
 ವಿವರಗಳು ಈ ಕೆಳಕಂಡಂತಿವೆ.

| SL No | Tree Name | Girth (0-30 cm) | Girth (31-60 cm) | Girth (61cm-90 cm) | Girth (91cm-120 cm) | Girth (121-150 cm) | Girth (>150 Cm) | Total |
|-------------------|------------------------|---------------------|------------------|--------------------|---------------------|--------------------|-----------------|-------|
| 1 | Aala | 12 | 17 | 6 | 2 | 0 | 0 | 37 |
| 2 | Acacia | 5421 | 5537 | 218 | 9 | 0 | 0 | 11185 |
| 3 | Basavanapaada | 14 | 3 | 1 | 0 | 0 | 0 | 2 |
| 4 | Bevu | 1 | 1 | 0 | 0 | 0 | 0 | 18 |
| 5 | Honge | 11 | 5 | 2 | 0 | 0 | 0 | 1 |
| 6 | Hunase | 0 | 1 | 0 | 0 | 0 | 0 | 13 |
| 7 | Kamara | 8 | 5 | 0 | 0 | 0 | 0 | 5943 |
| 8 | Nilagiri | 2082 | 3566 | 290 | 5 | 0 | 0 | 31 |
| 9 | Nerale | 5 | 25 | 1 | 0 | 0 | 0 | 2 |
| 10 | Seemetangadi | 2 | 0 | 0 | 0 | 0 | 0 | 5 |
| 11 | Godambi | 0 | 4 | 1 | 0 | 0 | 0 | 1 |
| 12 | Subabul | 0 | 0 | 1 | 0 | 0 | 0 | 3 |
| 13 | Taare | 2 | 1 | 0 | 0 | 0 | 0 | |
| 14 | Dendrocalamus strictus | 100 nos (20 Clumps) | 0 | 0 | 0 | 0 | 0 | 100 |
| Total No of Trees | | 7658 | 9165 | 520 | 16 | 0 | 0 | 17359 |

ಅನುಬಂಧ-2 ರಲ್ಲಿ ಸದರಿ ಪ್ರಸ್ತಾಪಿತ ಪ್ರದೇಶಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಮಾಹಿತಿಗಳನ್ನು ಭರ್ತಿ ಮಾಡಿ ತಮ್ಮ ಅವಗಾಹನೆಗೆ ಹಾಗೂ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಗೌರವಪೂರ್ವಕವಾಗಿ ಸಲ್ಲಿಸಲಾಗಿದೆ.

ತಮ್ಮ ನಂಬುಗೆಯ
 ವಲಯ ಅರಣ್ಯಾಧಿಕಾರಿ
 ದೇವನಹಳ್ಳಿ ವಲಯ
 ದೇವನಹಳ್ಳಿ

No. K-RIDE/Projects/BSRP/Depot/Forest/07

Date: 25.11.2021

**JUSTIFICATION FOR LOCATION OF THE PROJECT IN
FOREST AREA**

1. The proposed depot of Suburban Rail Project is located in deemed forest area in survey no. 124 of Akkupete village, Kasaba Hobli, Devanahalli Taluk, Bengaluru Rural District over an area of 16.36 hectare respectively. The proposed depot is nearer to the existing Devanahalli Railway station and also very close to Devanahalli International Airport. Devanahalli station is a terminal station on Suburban network. There is no other technically feasible location to change the location of proposed depot in the vicinity, other than the said deemed forest land.
2. In order to avoid acquisition of forest land as above, all efforts have been made by K- RIDE duly studying alternative locations.
 - a) Alternatively, survey no. 94 & 131, Jnana Bharathi campus, Bengaluru university, was also studied. The location falls within the busy. Bengaluru central district and has an area of about 31 acre. The land requirement for K- RIDE is about 60 acre for Depot. The location was found not feasible, since it is inside the city limits with educational institutes nearby and also the area is not sufficient.
 - b) Another location at Betta Halasuru village in survey no. 259, Jala hobli, Bengaluru north district was also inspected. The land requirement for K- RIDE is about 60 acre. The available land in survey no. 259 is about 50 acre and land has been already allotted to some other agencies / farmers. The balance land available is in small discontinuous plots, which is not suitable for BSRP depot. In view of this, the above location was not found feasible.
3. Hence the deemed forest land proposed in para no. 1 above is the only feasible location for BSRP depot.


(K. Rajanna)

Manager / Civil
FOR RAIL INFRASTRUCTURE DEVELOPMENT COMPANY
(KARNATAKA) LIMITED

K. RAJANNA
Manager / Civil

Details of buildings proposed in maintenance Depot of BSRP

| Sl no | REQUIREMENTS | No of rooms | Length | Width | Total (SQM) |
|-------|---|-------------|--------|-------|-------------|
| 1 | Location, layout Inspection Bay line requirements | 6 | 7.5 | 150 | 6750 |
| 2 | Location, layout Work shop line with embedded track and pits requirements | 6 | 10 | 150 | 9000 |
| 3 | Location, layout Dedicated VAC maintenance in workshop line requirements | 1 | 10 | 150 | 1500 |
| 4 | Location, layout Auto wash plant, control and equipment room requirements | 1 | 6 | 20 | 120 |
| 5 | Intensive washing line without OHE | 1 | 6 | 150 | 900 |
| 6 | Location, layout Wheel lathe line requirements | 1 | 6 | 30 | 180 |
| 7 | Location, layout Wheel/axles parking area requirement | 1 | 10 | 50 | 500 |
| 8 | Dedicated cleaning area for washing and Drying HVAC filters requirements | 1 | 10 | 50 | 500 |
| 9 | Test bench and overhauling rooms compressor, brake calliper requirements | 1 | 10 | 150 | 1500 |
| 10 | Test bench and overhauling rooms pantograph Door | 1 | 10 | 150 | 1500 |
| 11 | Test bench and overhauling rooms VCB | 1 | 10 | 150 | 1500 |
| 12 | Test bench and overhauling rooms Battery | 1 | 10 | 150 | 1500 |
| 13 | Test bench and overhauling rooms CI, APS and control units | 1 | 10 | 150 | 1500 |
| 14 | Test bench and overhauling rooms Traction motors | 1 | 10 | 150 | 1500 |
| 15 | Location, layout Tool room requirements | 1 | 10 | 10 | 100 |
| 16 | Central compressor house requirements | 1 | 10 | 10 | 100 |
| 17 | Location, layout Bogie and wheel overhauling area requirements | 1 | 10 | 50 | 500 |
| 18 | Bogie storage area | 1 | 10 | 50 | 500 |
| 19 | Bogie washing and sand blasting area | 1 | 10 | 10 | 100 |
| 20 | Location, layout Test track requirements | | | | 0 |
| 21 | Depot in charge office with support staff | 1 | 10 | 10 | 100 |
| 22 | Other officers' rooms with support staff | 1 | 10 | 10 | 100 |
| 23 | Conference room large | 1 | 10 | 40 | 400 |
| 24 | Conference room of 10 seats | 1 | 10 | 10 | 100 |
| 25 | Rolling stock Training Hall | 3 | 10 | 10 | 300 |
| 26 | Supervisor office with staff | 3 | 10 | 10 | 300 |
| 27 | Rolling stock tool room and Rolling stock store | 1 | 10 | 10 | 100 |
| 28 | Dress change and wash room for women | 1 | 10 | 20 | 200 |

110

| Sl no | REQUIREMENTS | No of rooms | Length | Width | Total (SQM) |
|--------------------------------------|---|-------------|--------|-------|--------------|
| 29 | Change room with lockers and Wash room | 1 | 10 | 50 | 500 |
| 30 | Lunch room/canteen area | 1 | 10 | 50 | 500 |
| 31 | Visitor room | 1 | 10 | 10 | 100 |
| 32 | Paint room/paint booth | 1 | 10 | 30 | 300 |
| 33 | Drawing office/plans/information | 1 | 10 | 10 | 100 |
| 34 | Lab room | 1 | 10 | 30 | 300 |
| 35 | Brake and compressor overhauling area | 1 | 10 | 30 | 300 |
| 36 | Security/monitoring room | 1 | 10 | 10 | 100 |
| 37 | Depot equipment maintenance cum store room | 1 | 10 | 50 | 500 |
| 38 | Welding and brazing training room cum sheet metal cutting room | 1 | 10 | 20 | 200 |
| 39 | First aid room | 1 | 10 | 10 | 100 |
| 40 | Eye wash area | 1 | 10 | 10 | 100 |
| 41 | Store and store officer | 1 | 10 | 50 | 500 |
| 42 | Storage area bifurcation for all the departments | 1 | 10 | 50 | 500 |
| 43 | Scrapyard | | | | |
| 44 | Hazardous waste | | | | |
| 45 | Metal scrap | | | | |
| 46 | Zero value items | | | | |
| 47 | Flammable material | | | | |
| 48 | Chemical storage room | | | | |
| 49 | Scrapped glass storage | | | | |
| 50 | Doors and windows storage | | | | |
| 51 | Lorry parking area | | | | |
| 52 | Guest House for KRIDE officials | 1 | 10 | 30 | 300 |
| 53 | Classroom training rooms for new batches | 3 | 10 | 10 | 300 |
| 54 | Examination hall(computerised) | 1 | 10 | 30 | 300 |
| 55 | Hostel rooms for trainees and training faculty | 1 | 10 | 50 | 500 |
| 56 | Library and reading rooms | 1 | 10 | 10 | 100 |
| 57 | Space for keeping models | 1 | 10 | 20 | 200 |
| General Requirements of Depot | | | | | |
| 58 | Sewage treatment plant (STP) | 1 | 10 | 10 | 100 |
| 59 | Effluent treatment plant (ETP) | 1 | 10 | 10 | 100 |
| 60 | Work permit/Contract staff handling room | 1 | 10 | 10 | 100 |
| 61 | S&T, AFC equipment storage cum maintenance room | 1 | 10 | 30 | 300 |
| 62 | PSS and backup OCC | 1 | 10 | 30 | 300 |
| 63 | Electrical central room | 1 | 10 | 20 | 200 |
| 64 | Telecom central room | 1 | 10 | 20 | 200 |
| 65 | Record room | 1 | 10 | 10 | 100 |
| 66 | PWAY for Catenary maintenance equipment's and office requirements | 1 | 10 | 30 | 300 |
| 67 | Recreation facility for Trainees and employees | 1 | 10 | 30 | 300 |
| 69 | Server Room | 1 | 10 | 10 | 100 |
| 70 | Floor for all admin and other teams | 1 | 10 | 30 | 300 |
| 71 | Associated warehouse facility | 1(LS) | | | 11000 |
| | Grand total | | | | 50550 |