

कार्यालय अधिशासी अभियन्ता प्रान्तीय खण्ड, लोक निर्माण विभाग, सहारनपुर



Office of the Executive Engineer, Provincial Division, P.W.D., Saharanpur, Uttar Pradesh E-mail:- pdpwdsre@gmail.com

पत्रांकः

2443 / 26C

दिनांक : 4 / 07 / 2023

To
Divisional Director Social Forestry,
Division Saharanpur,

Saharanpur, UP.

Sub:- Diversion of 0.8768040 Hectare Protected Forest Land For Construction of Four Lane Bypass Road from Nh-709b(Chunehti), to Delhi Yamunotri Road (Sh-57) Via Ambala Road from Km Chainage 00.000 To Km chainage 19.125 (Length 19.125) in District-Saharanpur (Uttar Pradesh).:-Reg. (Online Proposal No.: FP/UP/ROAD/156081/2022): Clarification/replies of EDS.

Ref:- Online EDS dated 30.03.2023 on Parivesh Portal.

Sir,

This is with reference to online EDS dated 30.03.2023 raised by IRO, Lucknow office regarding Forest Proposal for diversion of 0.8768040 ha forest land to the project under subject above.

2. In this regard, point-wise clarifications/ replies are hereby submitted for your consideration and further necessary action at your end for early grant of Forest Clearance under section 2 of FCA, 1980:

S.N.	Observations/ EDS raised by Forest Department	Clarifications/ reply of User Agency i.e. UP PWD
1.	The CA area needs to be proposed in patch of block over the gross area of 5.00 Ha for plantation of 4930 trees minimum 1000 plants/hectare. Accordingly, CA area and related documents needs to be uploaded on Parivesh Portal.	The User agency doesn't have land in the form of block. However the land proposed for CA is on City Bypass Road namely "Mini Bypass". Mini bypass road which is already 7 meter wide with total RoW of 15m and there is no scope or proposal for widening of this road. The land area has been updated to 5ha. You are requested to consider this liner land.
2.	Geo-referenced map of the proposed CA land needs to be revised. Geo-coordinate format of the Geo-referenced map needs to be provided in Decimal Degree or Degree Minutes Second.	for CA. Enclosed as Annexure-1 . Geo-referenced map&TopoMap has been updated and attached as Annexure-1 .

3.	Legal Status of area proposed for diversion needs to be clarified/rectified in the certificate provided by PWD vide No. 2372/126C, dated 06.08.2022.	Legal Status of proposed area for diversion is Protected Forest. The Undertaking is rectified and attached as Annexure-2 .
4.	NOC's from concerned departments (irrigation, Railway, NHAI etc) need to be submitted.	NOC from Railway Department is has been uploaded under Additional Information on Parivesh Portal and the same is enclosed for reference as Annexure-3 .
5.	It is not clear from all proposal that what is the status of widening before and after proposed alignment.	The Proposed project is completely new green field project passing through agricultural area.
6.	Detailed muck calculation and muck disposal scheme as approved by concerned DFO needs to be submitted.	No Muck will be generate during the construction as project is passing through the Plain area. However the Muck disposal scheme is attached as Annexure-4 .
7.	Details of existing RoW proposed RoW and land width (RoW) availability of roadside plantation needs to be submitted. Accordingly, scheme for roadside plantation needs to be submitted.	The Proposed project is completely green field project passing through agricultural area.RoW of alignment is 45m. The 7.5m RoW on both side and 5m median will be available for Utility and Plantation. The Plantation scheme along with TCS is attached as Annexure-5 .
8.	.kml file is provided only for segment area of 0.76804 ha, .kml file for completed area needs to be provided/uploaded.	Provided kml file has been check and rectified with total area of 0.8768 ha and same has been uploaded on Parivesh Portal.

3. In view of above, it is requested to process the proposal at your end for early obtaining the forest clearance so that, the project can be implemented on time.

Encls: As above.

Yours faithfully,

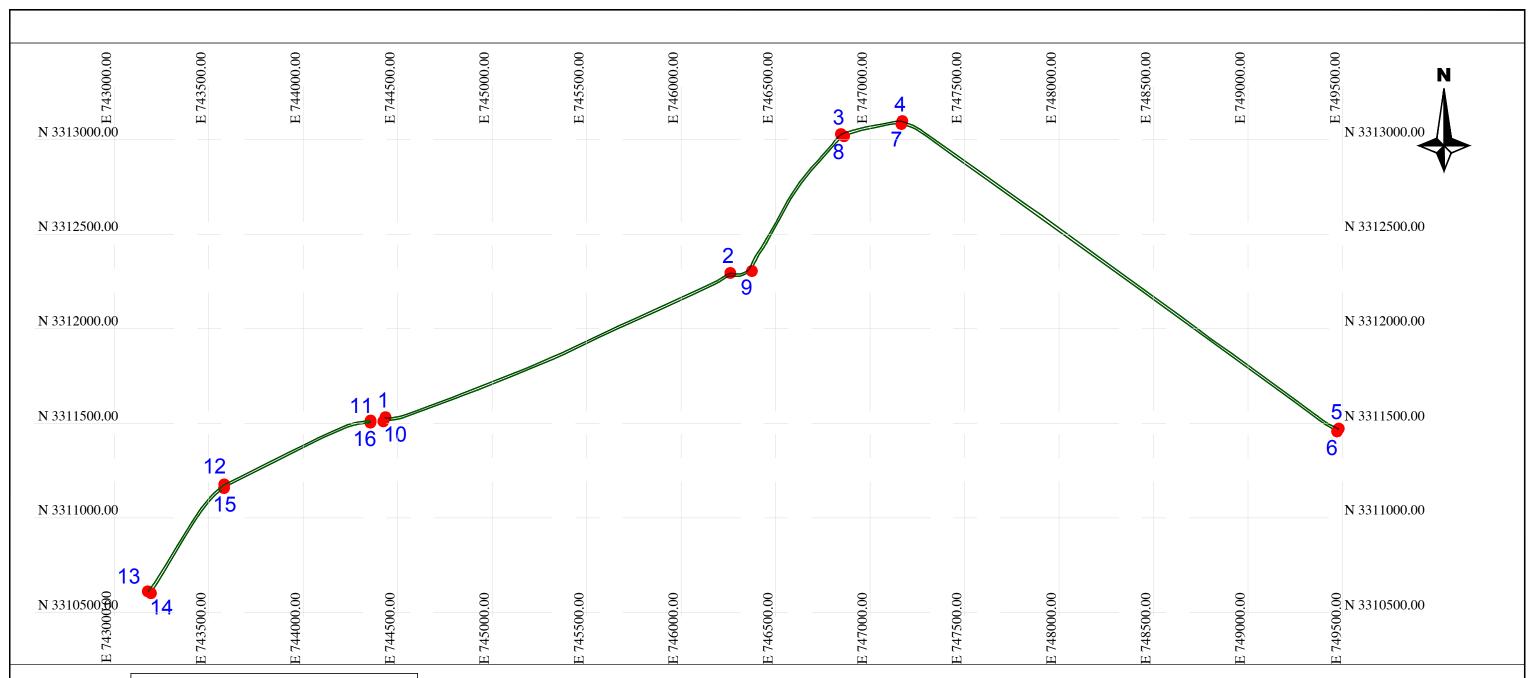
(Praveen Gairi) Assistant Engineer

Provincial Division, PWD Saharanpur

Copy for information and necessary action to::-

1- District Magistrate, Saharanpur.

Assistant Engineer Provincial Division, PWD Saharanpur



Forest Land Geo-Coordinates						
GPS Point	Longitude (E)	Latitude (N)				
1	77°31'54.08"E	29°54'36.84"N				
2	77°33'2.70"E	29°55'0.28"N				
3	77°33'25.11"E	29°55'23.70"N				
4	77°33'37.29"E	29°55'25.70"N				
5	77°35'1.99"E	29°54'31.22"N				
6	77°35'1.68"E	29°54'30.72"N				
7	77°33'36.94"E	29°55'25.28"N				
8	77°33'25.73"E	29°55'23.31"N				
9	77°33'6.97"E	29°55'0.52"N				
10	77°31'53.64"E	29°54'36.12"N				
11	77°31'51.13"E	29°54'36.30"N				
12	77°31'21.99"E	29°54'25.89"N				
13	77°31'6.47"E	29°54'7.82"N				
14	77°31'7.08"E	29°54'7.50"N				
15	77°31'21.94"E	29°54'25.26"N				
16	77°31'51.09"E	29°54'35.94"N				

PROTECTED FOREST MAP						
PROJECT AREA	AREA (Sq m.)	AREA (hec.)				
PROJECT AREA	50000.000	5.00				
TOTAL AREA	50000.000	5.00				

प्रवीण गैंडी सहायक अभियन्ता प्रान्तीय खण्ड, लो० नि० वि० सहारनपुर।

<u>LEGEND</u>	
1	GPS Point
	Forest Land to be diverted

CLIENT:-

CONSULTANT:-

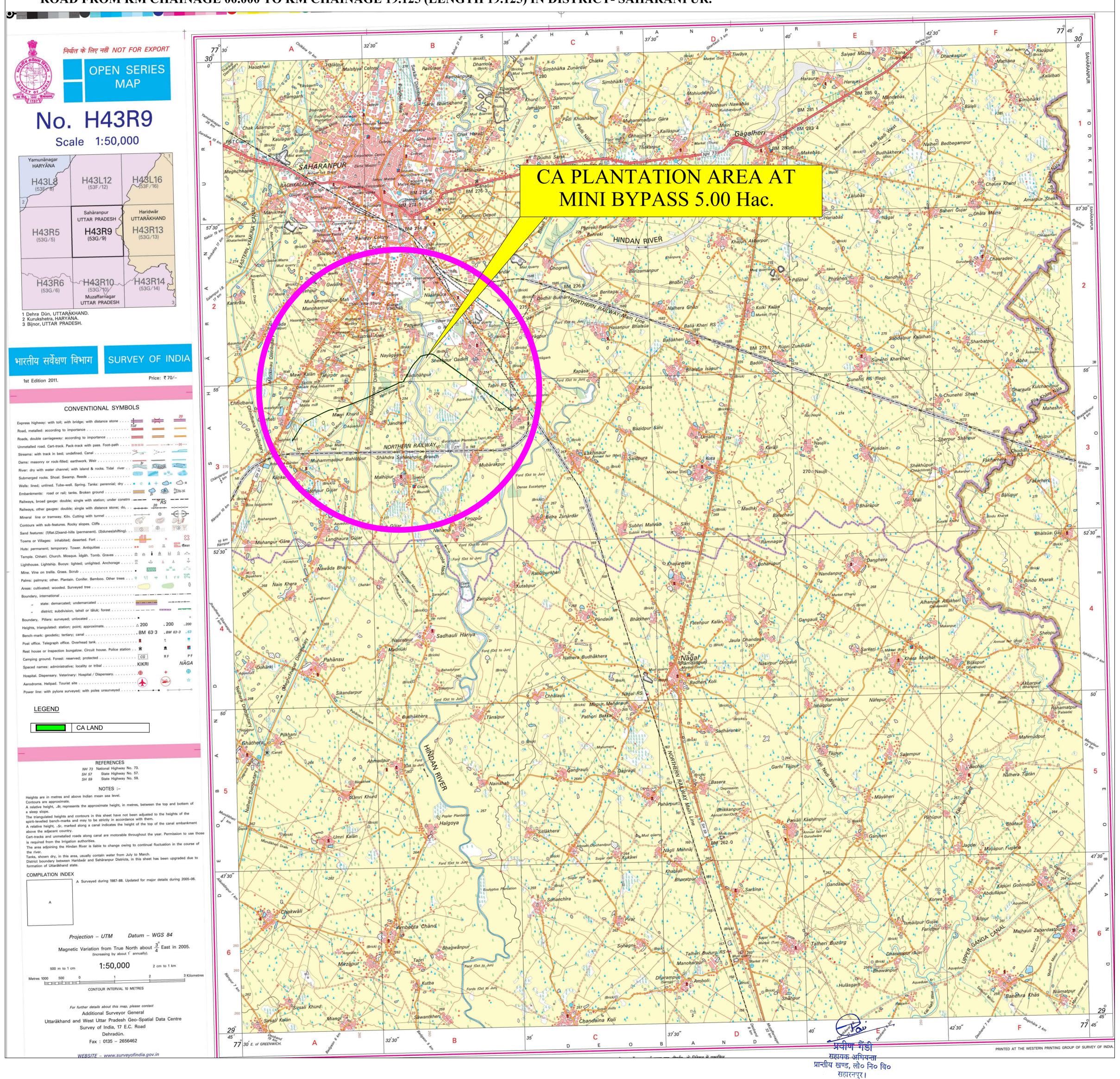
NAME OF PROJECT:- GEO- REFERENCE MAP OF CA LAND OF 5.0 HA. SHOWING THE PROPOSED COMPENSATORY
AFFORESTATION (CA) PLANTATION AT MINI BYPASS FROM IN SAHARANPUR DISTRICT UNDER PWD
LAND FOR CONSTRUCTION OF FOUR LANE BYPASS ROAD FROM NH-709 B (CHUNEHTI TO DELHI
YAMUNOTRI ROAD (SH-57) VIA AMBALA ROAD FROM KM CHAINAGE 00.000 TO KM CHAINAGE 19.125
(LENGTH 19.125) IN DISTRICT- SAHARANPUR.

Orawing Title:-

FOREST DGPS MAP

Scale:- As per scale Size:- A3

TOPO MAP OF CA LAND OF 5.0 HA. SHOWING THE PROPOSED COMPENSATORY AFFORESTATION (CA) PLANTATION AT MINI BYPASS FROM IN SAHARANPUR DISTRICT UNDER PWD LAND FOR CONSTRUCTION OF FOUR LANE BYPASS ROAD FROM NH-709 B (CHUNEHTI TO DELHI YAMUNOTRI ROAD (SH-57) VIA AMBALA ROAD FROM KM CHAINAGE 00.000 TO KM CHAINAGE 19.125 (LENGTH 19.125) IN DISTRICT- SAHARANPUR.



Project:Diversion of 0.8768040 Hectare Protected Forest Land For Construction of Four Lane Bypass Road from Nh-709b(Chunehti), to Delhi Yamunotri Road (Sh-57) Via Ambala Road from Km Chainage 00.000 To Km chainage 19.125 (Length 19.125) in District-Saharanpur (Uttar Pradesh).

प्रमाण-पत्र

प्रमाणित किया जाता है की कार्यालय अधिशासी अभियंता प्रान्तीय खण्ड लो.नि.वि. सहारनपुर द्वारा सामाजिक वानिकी प्रभाग सहारनपुर के अंतर्गत जनपद सहरानपुर में एन॰एच॰-७०९ बी (चुन्हेटी) से अम्बाला रोड होते हुए दिल्ली यमुनौत्री मार्ग(एस॰एच॰-५७) तक (लम्बाई 9.25 कि॰्मी॰) 4 लेन बाईपास मार्ग के निर्माण के लिए प्रेसित प्रस्ताव में प्रभावित होने वालीवन भूमि 0.8768040हे॰ वन भूमि चिन्हित वनक्षेत्रोंकीभूमिकेअंर्तगतआतीहै।

Assistant Engineer

Provincial Division, PWD Sahananpur

प्रान्तीय खण्ड, ला



NORTHERN RAILWAY

No.473-W/842/1/504/Land

Date: 13.03.2023

DRM OFFICE New Delhi

Executive Engineer,
Provincial Division,
PWD Saharanpur, Dehradun Chowk,
Uttar Pradesh-247001

Sub:- Long Term Leasing of Railway land for "Construction of Four land Bypass Road from NH-709B(Chuneti) to Km 171.00(Devla) of Delhi-Yamunotri Road(SH-57) via Ambala road in district of Saharanpur in the state of Uttar Pradesh" to PWD, Saharanpur.

Ref :- Your Office letter no.- 826/26C dated 15.02.2023.

The competent authority has accorded approval for Permission for Long Term Leasing of Railway land for "Construction of Four land Bypass Road from NH-709B(Chuneti) to Km 171.00(Devla) of Delhi-Yamunotri Road(SH-57) via Ambala road in district of Saharanpur in the state of Uttar Pradesh" to PWD, Saharanpur for a period of 35 years. Agreement No.- 473-W/842/1/504/Land dated 23.02.2023 for the same facility has since been signed by both the parties. Copy of the same is enclosed for your record & reference.

Please report to ADEN/SMQL and chalk out the programme for Construction of Four land Bypass Road from NH-709B(Chuneti) to Km 171.00(Devla) of Delhi-Yamunotri Road(SH-57) via Ambala road in district of Saharanpur so that work can be carried out safely taking all safety precautions at site.

Please ensure that work is executed strictly in accordance with approved Land Leasing plan bearing no. M-473-W/842/1/504/Land/DLI/2022, copy of which is enclosed herewith.

Sr. DEN-II อฟิญให้ได้เกิดอยู่ส

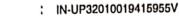
Copy to:-

1. ADEN/SMQL along with copy of agreement and plan for information and necessary action.

INDIA NON JUDICIAL

Government of Uttar Pradesh

e-Stamp



Certificate Issued Date : 10-Feb-2023 03:55 PM

Account Reference : NEWIMPACC (SV)/ up14734304/ SAHARANPUR SADAR/ UP-SHR

Unique Doc. Reference : SUBIN-UPUP1473430457976714506876V

Purchased by : EXECUTIVE ENGINEER P.D. P.W.D. SAHARANPUR

Description of Document : Article 6 Agreement relating to deposit of title deeds, pawn or pledge

Property Description : Not Applicable

Consideration Price (Rs.) : EXECUTIVE ENGINEER PD PWD SAHARANPUR

First Party : EXECUTIVE ENGINEER 1 B 1 W 2 SAME

Second Party : Not Applicable
Stamp Duty Paid By : EXECUTIVE ENGINEER P.D. P.W.D. SAHARANPUR

Stamp Duty Paid By : EXECUTIVE ENGINEER | 100

Stamp Duty Amount(Rs.) : 100 (One Hundred only)



Certificate No.

Picase write or type below this line

RAILWAY LAND LEASE AGREEMENT FOR USE OF RAILWAY LAND FOR "CONSTRUCTION OF FOUR LAND BYPASS ROAD FROM NH-709B (CHUNETI) TO KM 171.00 (DEVLA) OF DELHI-YAMUNOTRI ROAD (SH-57) VIA AMBALA ROAD IN DISTRICT OF SAHARANPUR IN THE STATE OF UTTAR PRADESH"

TO PWD, SAHARANPUR.

Agreement No. 473-W/842/1/504/Land Dated: 13703/2023

This Railway Land Lease Agreement (herein referred to as 'The Agreement') for use of Railway Land for "Construction of Four land Bypass Road from NH-709B (Chuneti) to Km 171.00 (Devla) of Delhi-Yamunotri Road(SH-57) via Ambala road in district of Saharanpur in the state of Uttar Pradesh" to **PWD**, **Saharanpur**.

Between

The President of India, acting through the Senior Divisional Engineer-II, Delhi Division, Northern Railway, New Delhi (herein after referred to as the "Government" or "Lessor" which expression shall, unless excluded by and/or repugnant to the context, mean and include his successors, legal representatives and permitted assigns) of the one part;

And

PWD, Saharanpur, having its registered office at Provincial Division, PWD, Saharanpur, Uttar Pradesh-247001 represented through its Executive Engineer/Authorized Signatory

Senior Divl. Engineers-II ited at sown suchastamp comt or using a Stamp Mobile Apr N. Rly. New Delhitos or the condition the wabsite / Mobile App renders it invalid

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(hereinaster referred to as the "Lessee", which expression shall, unless it be repugnant the context, mean and include his successors, legal representatives and permitted assigns) of the other part.

The Lessor and the Lessee are hereinafter collectively referred to as the "parties" and individually as a "party"

WHEREAS

- (A) Northern Railway and Lessee have entering to a Land Lease Agreement in principle and shall be herein the Lessee is desirous for CONSTRUCTION OF FOUR LAND BYPASS ROAD FROM NH-709B (CHUNETI) TO KM 171.00 (DEVLA) OF DELHI-YAMUNOTRI ROAD (SH-57) VIA AMBALA ROAD IN DISTRICT OF SAHARANPUR IN THE STATE OF UTTAR PRADESH of the Delhi Division, Northern Railway on the Divisional Plan No. M-473-W/842/1/504/DLI/2022 has approached to the Railway Administration for leasing of Railway Land for use of Railway Land for Construction of Four land Bypass Road from NH-709B(Chuneti) to Km 171.00(Devla) of Delhi-Yamunotri Road(SH-57) via Ambala road in district of Saharanpur in the state of Uttar Pradesh upon the terms and conditions hereinafter contained.
- (B) The Lessor is the sole owner of said Railway land Strip as shown in Red on the Land Plan bearing Divn. Plan No. M-473-W/842/1/504/DLI/2022 and now desires to Lease the site to the Lessee and the Lessee desires to take on Lease from the Lessor, the site for use of Railway Land for Construction of Four land Bypass Road from NH-709B(Chuneti) to Km 171.00(Devla) of Delhi-Yamunotri Road(SH-57) via Ambala road in district of Saharanpur in the state of Uttar Pradesh.

NOW THEREFORE, in consideration of the promises and covenants herein set forth and for other good and valuable consideration, the receipt, adequacy and legal sufficiency of which are hereby acknowledged, the Parties mutually agree as hereunder.

1. Grant of Lease and Possession.

- 1.1 The provisions of the Lease Agreement shall take effect and become binding on the Parties from the date of signing of the Agreement.
- 1.2 In consideration of the Land Lease Fee, the Lessor grants the Lease to the Lessee and the Lessee agrees to accept the Lease from the Lessor, of all that parcel of land strip measuring 1373.40 Sqm and more particularly described and identified colored in Red in the Annexure to possess and use the Site and/ or any part thereof, in accordance with the provisions of this Lease Agreement. The possession of the Railway Land to Lessee shall be given only after signing of the Agreement.

2. Term

- 2.1 That the Lease unless determined in terms of provisions hereinafter contained shall remain in force for a period of **Thirty Five Year** commencing from **2022-23** and endingon **2056-57**.
- 2.2 The Term of the Railway Land Lease Agreement shall be co-terminus with the Principal Agreement.

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3. Renewal

3.1 The Lessor may extend the term further on **35 year basis** as may be agreed by the Parties. The renewal of Lease term shall be at the sole discretion of the Lessor.

4. Lease Fee

- 4.1 Before execution of the Railway Land Lease Agreement and in consideration of the Lessor, leasing the Site to the Lessee, the Lessee shall pay to the Lessor the Lease Fee of Rs. 97,05,760/- (Rupees Ninety Seven Lacs Five Thousand Seven Hundred Sixty only) for a period of 35 years and any other terms as applicable from time to time.
- 4.2 The Lessee shall pay the Lease Fee into such account as may be designated by the Lessor.

5 Use of Site

- During the term of this Agreement, the Lessee shall use the Site only for the purpose for providing "CONSTRUCTION OF FOUR LAND BYPASS ROAD FROM NH-709B (CHUNETI) TO KM 171.00 (DEVLA) OF DELHI-YAMUNOTRI ROAD (SH-57) VIA AMBALA ROAD IN DISTRICT OF SAHARANPUR IN THE STATE OF UTTAR PRADESH".
- 5.2 The parties agree that the Lessee shall not utilize the Site for any other purpose(s) not related to the project.
- 5.3 Use of land for any other non-related purpose shall automatically terminate this agreement.

6 Termination of Lease Agreement.

- 6.1 The Railway Land Lease Agreement shall be co-terminus with the Principal Agreement. Thus, in the event that the Principal Agreement is terminated during the currency period thereof, then this Railway Land Lease Agreement shall be deemed to be terminated without any further notice. For termination of Railway Land Lease Agreement, the Lessor shall be at full liberty to deal with the Site in such manner as it deems fit in its solediscretion.
- 6.2 Possession of land shall revert back to Lessor on expiry of Railway land Lease agreement or termination of the Land Lease agreement before expiry of the Lease term.
- 6.3 This Railway Land Lease Agreement may be terminated earlier by mutual agreement between the Parties in writing.
- 6.4 The Lessor shall have the right to terminate this Railway Land Lease Agreement on occurrence of any one or more default (s) by the Lease as enlisted hereunder:-
 - (a) Filing of a voluntary bankruptcy petition by the Lessee;
 - (b) Institution of winding up proceedings against Lease;

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- (c) Failure of the Lessee to make payments to the Lessor in accordance with the provisions hereof, where such failure continues for a period of 30 (thirty) days after a written notice from the Lessor
- (d) Transfer or assignment of this Lease Agreement or creation of any Encumbrance on the Site,
- (e) Use of the Site for any purpose other than the purpose stated under Clause 5 of this Lease Agreement;
- (f) Violation of terms of this agreement by Lease; and
- (g) Any other reason which the Lessor consider appropriate.
- 6.5 Upon determination under, Clause 5.3, Clause 6.1, Clause 6.2, Clause 6.3 and Clause 6.4, the Lessor shall have the following additional rights:
 - (a) The recovery of any unpaid Lessee fee due and payable at the time of Termination and Liquidated damages up-to the date of actual vacation.
 - (b) The recovery of any damages, costs, fees and expenses incurred by the Lessor as are sult of the breach of the Lease Agreement by the Lessee;
 - (c) Any other right or remedy, legal or equitable, that the Lessor is entitled to under Applicable Laws.
 - (d) Lease shall not be entitled for any compensation.

7 Lessor's Obligations:

7.1 The Lessor hereby agrees and warrants that subject to the terms of the Lease Agreement, the Lessee shall be entitled to use and enjoy the Site and every part thereof during the term of the Land Lease Agreement;

8 Lessee's Obligations:

- (a) Upon execution of this Lease Agreement and subject to the terms thereof, the Lesseeshall use the same only for the purposes as enlisted in Clause 5 of this Lease Agreement;
- (b) The Lease shall not assign, transfer, mortgage or sublet the privileges conferred underthis agreement.
- (c) It shall not create any lien, charge or encumbrance on the Site, except as permitted in this Lease Agreement;
- (d) No laying of overhead or underground cables, pipelines, drainage system etc., shall be allowed without the previous permission in writing of the Chief Engineer, Northern Railway or any other officer duly authorized by the Government. The plan of the structure shall also subject to the approval of the said officer and no construction shall be started without such approval in writing.
- (e) Nothing herein contained shall be construed to create tenancy in favor of the Lessee of the said Site and the Government may for mere motion determine this Lease and retake and absolutely retain possession of the land.
- (f) That the Government shall not be liable for any loss or damage however caused to the property belonging to the Lessee erected /laid on the land hereby Leased.
- (g) The Lessee shall at all times keep the Government indemnified against and shall

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- reimburse to the Government all claims, suits, damages costs, charges and expenses whatsoever which the Government may sustain or incur.
- (h) In case the Lease is cancelled and the Government takes over the use of land before the expiry of the year for which the Lease fee has been paid in advance the Lessee shall get a proportionate refund of the amount of the unexpired portion of the year.
- (i) This Lease Agreement has been duly authorized, executed, and delivered by the Lessor after fulfilling all legal formalities and constitutes its legal, valid and binding obligation;
- During the Term of the Lease Agreement, the Lessee shall pay the Lease Fee in accordance with terms and conditions set out in this Lease Agreement and shall observe and fulfill each of its obligations set forth herein;
- (k) Lessee agrees to pay and to hold railway harmless on account of any taxes or other Government charges (however denominated) including but not limited to service tax, imposed by the government or any authority with respect to the execution or delivery of this agreement or any transaction hereunder or any income earned or payment received by Railways hereunder .The Lessee shall without demur pay or reimburse Railways the amount of any tax which the Railway has to pay or has paid in respect of the Lease notwithstanding the statutory liability of such tax lies on Railway.
- (I) After expiry of the Leased period, the Lease should immediately vacate the land and hand over the possession to the person authorized by the Government in this behalf or apply for renewal of Lease 30 days prior to date expiry of Land Lease Agreement.
- (m) On termination of this agreement the Lease shall hand over the vacant possession of the said land to Lessor within one month. In case the Lease fails to restore the land to its original state as required by the Lessor, the Lessor may do so at the risk and cost of the Lease and the expenses so incurred shall be recovered from Lessee and/or any other amount due to the Lease from the Railway administration.
- (n) That the Lease shall abide by all the statuary provisions, rules, regulation and instructions which are in force or which may hereinafter may come in to force governing the use of the said land.

9 Inspection by the Lessor

- 9.1 The Lease agrees that during the terms of the Lease Agreements, the Lessee shall not restrict or obstruct the Lessor and its authorized agents to enter upon and inspect the Site.
- 9.2 The Lessee undertakes that the Lessee shall notify the Lessor of any material breach by the Lessee of any applicable permits acquired in relation to the site.

10 Stamp Duty and Registration Charges.

10.1 Subject to the exemption or waiver, if any granted by Government or any another authority, the parties agree that all stamp duties and registration charges payable inrespect of the Lease contemplated herein shall be to the account of and borne by the Lessee.

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11 Indemnities and Limitation of Liability

- 11.1 The Lessee shall fully indemnify, defend and hold harmless the Lessor, of any liabilitywhich may be incurred or suffered by the Lessor and which may arise out of or as result of any of the following causes:
 - (a) Any breach by the Lease of any of its obligation, agreements, representations or warranties set forth in this Lease Agreement; and
 - (b) Any loss of property, damage to property, personal injury or death occasioned to or suffered by any person to the extent that the damage to or loss of property or the personal injury or death iscaused willfully or negligently by the Lessee.

12 Dispute Resolution

In the event of any dispute or difference or controversy arising in relation to this agreement, between the parties shall in the first instance be resolved amicably through negotiations. Any dispute which the parties are unable to resolve within 60 days on the notice of one party to the other of the existence of a dispute shall be referred to Arbitration.

12.1 Arbitration

- (a) Any dispute or difference or controversy between the parties which is not resolved amicably as to the respective rights and obligations of the parties (except the matters regarding which the decision has been specifically provided for in this agreement) shall be referred to the Arbitration Tribunal consisting of three Gazetted Railway officers not below JA Grade, to be appointed by the General Manager of the Northern Railway. To appoint arbitration tribunal, a list of three Railway officers will be provided to the Lessee for suggesting at least two names out of which General Manager shall appoint one as nominee of the Lessee as Arbitrator and further General Manager shall appoint other two Arbitrators indicating one Arbitrator as the presiding Arbitrator. For the purpose of this agreement, the General Manager will mean the head of the Northern Railway Administrator.
- (b) If the arbitrator appointed by the General Manager resigns from his appointment as an arbitrator or vacates his office, or is unable or unwilling to act so for any reason whatsoever or dies, the General Manager will have the power to appoint a new arbitrator to act in his place in the same manner in which the earlier Arbitrator (s) had been appointed. Such arbitrator shall be entitled to proceed with the reference from the stage at which the previous arbitrator left it. *
- (c) The Arbitration proceedings shall be assumed to have commenced from the appointment of the Arbitration Tribunal.
- (d) The place of Arbitration shall be within the local limits of the Division concerned or the Head Quarter of the Northern Railway or any other place with the written consent of the parties.

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Senior Divl. Engineero-It N. Rly. New Delhi (e) The cost of the Arbitration shall be borne by the respective parties. The fee of the Arbitrator as per rates fixed by the Rallway Board shall be borne equally by both parties.

The Arbitration Tribunal shall conduct the proceedings in any manner it deems fit in accordance with the principles of natural justice equity and good conscience and accordance with the provisions of the Arbitration and Conciliation

Act 1996 and rules there under.

(g) The Arbitration Tribunal shall pass written and reasoned Award which shall be signed by all the members of the Arbitration Tribunal. Such an award shall be passed by majority of the members of the Arbitration Tribunal and it shall indicate the date and place of the award and shall be on stamp paper of appropriate value.

(h) The award passed by the Arbitration Tribunal shall be final and binding on the parties.

In witness whereof the Parties Have Executed And Delivered This Railway Land Lease Agreement As Of The Day, Month And Year First Above Written.

Signed, Sealed and Delivered

For and on behalf of

President of India by:

(Avinash Kumar)
Senior Divisional Engineer-II,

Delhi Division, Northern Railway, New Delhi

Senior Divl. Engineeru-II

N Ply. New Delhi

Signed, Sealed and Delivered For and on behalf of

Lessee by:

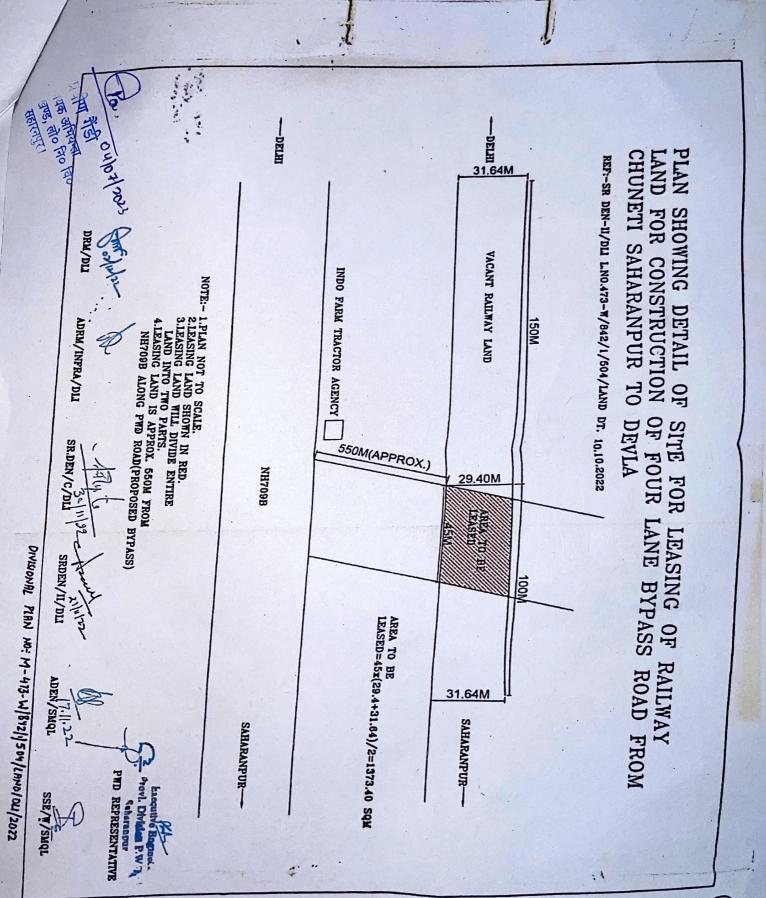
(Mohit Gupta)

Executive Engineer

Provincial Division, PWD, Saharanpur, Uttar Pradesh

04/07/2023

प्रवीण गैंडी सहायक अभियना प्रान्तीय खण्ड, लो० नि० वि० सहारनपुर। rojeci



Annexue- 4

Project Name: Diversion of 0.8768040 Hectare Protected Forest Land For Construction of Four Lane Bypass Road from Nh-709b(Chunehti), to Delhi Yamunotri Road (Sh-57) Via Ambala Road from Km Chainage 00.000 To Km chainage 19.125 (Length 19.125) in District-Saharanpur (Uttar Pradesh).

MUCK DISPOSAL PLAN

1.	Calculation of muck to be generated. Swell factor	Muck will not be generated. No
	has to be applied.	calculation and swell factor are
		applicable. Undertaking is enclosed in
		this regard
2.	Quantity of muck to be utilized in the project	If muck will be generated, then it will
	activities '	be utilized in the project activities.
3.	Balance quantity of muck which requires disposal /	No balance quantity will be left for
	management plan	preparation of disposal /
		management plan
4.	Carriage of muck from the muck generation site to	Not applicable
	the dumping site	F 9
5.	Ownership of land and the consent of landowners	Not applicable
	in case muck disposal are proposed on non-forest	
	land.	
6.	Photograph & carrying capacity of proposed	Not applicable
	dumping site (Muck disposal site)	
7.	Development of dumping site- construction of	Not applicable
	retaining walls and other structure as per	
	requirement of the site.The objective is to	3
	completely stop rolling down of the muck.	
8.	Rehabilitation of dumping site like leveling, planting	Not applicable
	of grass, shrubs and tree species	, ± 3

Note: Cost to be incurred on the above activities has to be given component wise. Detail of dumping site including length, width and height of structures to be erected must be mentioned.

Undertaking by the user agency has to be given to the effect that:

- 1. Muck management plan will be implemented by the user agency and in case of non-implementation of the plan; they will be liable to penalty / action at their cost.
- 2. The proposed dumping site will be located away from river/stream/nala.

Place: Saharanpur

Assistant Engineer Provincial Division, PWD Sahar

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Project:Diversion of 0.8768040 Hectare Protected Forest Land For Construction of Four Lane Bypass Road from Nh-709b(Chunehti), to Delhi Yamunotri Road (Sh-57) Via Ambala Road from Km Chainage 00.000 To Km chainage 19.125 (Length 19.125) in District-Saharanpur (Uttar Pradesh).:

Proposal No.:FP/UP/ROAD/156081/2022

PLANTATION SCHEME

GREEN BELT DEVELOPMENT PLAN

To compensate the ecological loss for felling of trees, development of aesthetic values and enhancement microclimatic conditions, about 31616nos. of trees will be planted with in the PROW of proposed expressway. Avenue and median plantation will be carried out as per IRC SP: 21 2009 and National Green Highways Policy 2015.

Average width available for avenue plantation:

The average width on either side available for avenue plantation is 7.5 m along the project highway.

Average width available for median plantation:

Average width available for median plantation is 5 m.

The length available for plantation will be approx. 19 km. The area of plantation in median and avenue has been presented in **Table 3** below.

Technical Specifications

The technical specifications specified here are just for understanding Green Corridor development approach. The site specific project report shall prescribe plantation pattern based on actual site conditions. The technical specifications of ornamental/flowering plants (Row I) and shade plants (Row II) have been presented in **Table 1** and **Table 2** respectively.

Table 1: Technical Specifications of Ornamental/ Flowering Plants (Row I)

Distance from embankment	1m or 3.3 ft away from the toe of embankment /55 ft from central traffic line
Spacing between plant to plant	1m or 10 ft
Canopy Shape & Size	Preferable Cylindrical/oblong with small CSA

Spacing between rows	4.5 m or 15 ft
Size of the pits (normal soil)	60 X 60 X 60 cm
For Alkaline soil (usar)	By auger
Water logged areas	Mounds with height varying depending on the water level
No of plants per Km	333
leight of the plant	1.5 m to 2 m

Table 2: Technical Specifications of Shade Plants (Row II) Last Row

Distance from preceding	15 ft or 4.5 m
row	
Spacing between plant to plant	20 ft or 6 m
Canopy Shape & Size	Preferable spreading with medium CSA
Size of the pits (normal soil)	60 X 60 X 60 cm
For Alkaline soil (usar)	By auger
Water logged areas	Mounds
No. of plants per line Km	166
Height of the plant	More than 3 m

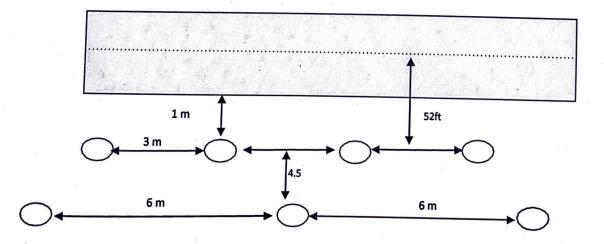


Figure1: Plantation Layout Plan

The calculation of plants for avenue and median plantation has been presented in Table 3 below.

Table 3: Calculations of Plants for Avenue and Median Plantation

Row No.		LHS		Median Plantation			RHS			,
	Length (Km)	No of Plants Per Km	Total No of Plants	Length (Km)	No of Plants Per Km	no of	Lengt h (Km)	No of Plants Per Km	Total No of Plants	Total Number of Plants (LHS + Median
1st Row	19	222				1				+ RHS)
2nd	19	333	6327	19	333	6327	19	333	6327	10001
Row	19	100						333	0327	18981
ota	19	166	3154	19	333	6327	19	166	3154	12625
I	7 .	-	9481			12654		100	9481	12635 31616

Number of plants to be planted on Left Hand Side (LHS)

= 9481

Number of plants to be planted in median

= 12654

Number of plants to be planted on Right Hand Side (RHS)

= 9481

Total number of plants to be planted along the Road

= 31616

1. Avenue Plantation

= 18962

2. Median Plantation

= 12654

Total Plantation

= 31616

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TYPICAL X-SECTION OF D.Y. ROAD (709B) CHUNEHTI (CH-155.400) TO DEVLA (CH-170.200) FOUR LANE BYPASS AT SAHARANPUR



TOTAL CRUST - 455MM



मूल परियोजना में प्रस्तावित कार्य

- मिट्टी से तटबंध एवं पटरी निर्माण का कार्य।
 200 एम०एम० मोटाई में जी०एस०बी० एवं ड्रेनेज लेयर का कार्य।
- 100 एम(एम() मोटाई में डब्ल्यू()एम()एम() का कार्य।
 100 एम()एम() मोटाई में ई0टी()ए० का कार्य।
 50 एम()एम() मोटाई में डी()वी()एम() का कार्य।
- 30 एम(एम() मोटाई में) बी0सी0 का कार्य।

प्रवीण गैंडी

सहायक अभिय**ता** प्रान्तीय खण्ड, लो**० नि० वि०**

सहारनपुर।

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