



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road, Transport and Highways, Government of India)

परियोजना कार्यान्वयन, इकाई. सोलापूर (महाराष्ट्र)

Project Implementation Unit, Solapur (Maharashtra)

कार्यालय : पुणे-सोलापूर राजमार्ग के निकट, मौजे बाले, जिला सोलापूर-४१३२५५, महाराष्ट्र

Office : Adjacent to Pune-Solapur Highway, Mauje Bale, Dist. Solapur-413255 Maharashtra

Ph.No. 0217-2303379 * ई-मेल/Email : solapur@nhai.org * वेब /Web : https://nhai.gov.in



सं.:एनएचआई/पीआईयू/एसएलपी/एनएच-९/२५/ 1826

दिनांक: 19.06.2024

सार्वजनिक टिप्पणियों का आमंत्रण

विषय — राष्ट्रीय महामार्ग —९ के सोलापूर-महाराष्ट्रकर्नाटक महाराष्ट्र खंड को किमी. २४९.००० से किमी. ३४८.८०० — महाराष्ट्र खंड के सोलापूर-हैदराबाद एनएच-६५ पर अंदुर ताल तुलजापुर जिला उस्मानाबाद गांव में किमी २८३+८०० पर दाएं से बाएं तरफ ४०० केवी डबल सर्किट ईएचवी ओवरहेड केबल लाइन बिछाने की अनुमति।

- अधिकृत हस्ताक्षरकर्ता, मेसर्स सोलापूर ट्रांसमिशन लिमिटेड, ने महाराष्ट्र खंड के सोलापूर-हैदराबाद एनएच-६५ पर अंदुर ताल तुलजापुर जिला उस्मानाबाद गांव में किमी २८३+८०० पर दाएं से बाएं तरफ ४०० केवी डबल सर्किट ईएचवी ओवरहेड केबल लाइन बिछाने की अनुमति प्रस्तुत की है।
- मंत्रालय द्वारा जारी दिशा-निर्देशों के अनुसार, दिनांक २२.११.२०१६ के का.ज्ञा. संख्या आर. डब्ल्यू/एनएच-३३०४४/२९/२०१५/एस.एंड.आर(आर) के अनुसार, दावे और आपत्तियां (सार्वजनिक असुविधा, सुरक्षा और सामान्य सार्वजनिक हित के आधार पर) मांगने के लिए आवेदन ३० दिनों के लिए सार्वजनिक डोमेन में रखा जाएगा।
- उपर्युक्त के मद्दे नजर, उपरोक्त आवेदन पर जनता की टिप्पणियां नीचे उल्लेखित पते पर आमंत्रित की जाती हैं, जो प्रकाशन की तारीख से ३० दिनों के भीतर इस कार्यालय तक पहुंच जानी चाहिए, इसके बाद कोई टिप्पणी स्वीकार नहीं की जाएगी।

परियोजना निदेशक

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना कार्यान्वयन इकाई, सोलापूर
पुणे-सोलापूर राजमार्ग के निकट, मौजे बाले,
जिला सोलापूर. —४१३२५५, महाराष्ट्र.

धन्यवाद,

भवदीय

(Signature)
19/6/25

(स्वप्निल कासार)

उपमहाप्रबंधक (त) तथा परियोजना निदेशक

भा.रा.रा.प्रा. इकाई, सोलापूर

प्रतिलिपी —

- मुख्य महाप्रबंधक (तकनीकी) क्षेत्रीय कार्यालय मुंबई कृपया जानकारी के लिए।



Dhruv Consultancy Services Limited

Associate with

Samarth Softech Solutions Pvt. Ltd.

501, Plot No. 67, Pujit Plaza, Opp. K - Star Hotel, Sector-II, C.B.D. Belapur, Navi Mumbai - 400 614

Telefax No. +91 22 27570710, Mobile: - +91 9619497305 Website: www.dhruvconsultancy.in

Email ID: info@dhruvconsultancy.in, services@dhruvconsultancy.in, CIN No. L74999MH2003PLC141887



No. Dhruv/IE/NH-65/Sol-Mh-KNT Border/2025-26/1707

Date:- 05.08.2025

To,

Project Director

National Highways Authority of India

Project Implementation Unit, Solapur.

Sub:- Independent Engineer (IE) services during O&M phase of Four laning of Solapur-Mah-Knt Border from Km 249.000 to 348.800 section of NH-9 (Design Length= 100.060)- Permission from laying a 400 KV double circuit EHV Overhead cable line at Km. 283+800 from RHS to LHS on the Solapur-Hyderabad NH-65 in village Andur Tal. Tuljapur Dist. Osmanabad-Reg.

Ref: - NHA letter no.1127 dated 26.06.2025.

Sir,

1. With reference to the subject cited above, this office is in receipt of letter under reference, regarding, Permission from laying a 400 KV double circuit EHV Overhead cable line at Km. 283+800 from RHS to LHS on the Solapur-Hyderabad NH-65 in village Andur Tal. Tuljapur Dist. Osmanabad. In this regard, this office verified same the at site and the detailed comments are as under:

- The said 400KV overhead line crossing the project highway at Ch. 283+800 from RHS to LHS.
- As per IRC 32:1969, minimum vertical clearance for different categories of overhead conductor installations shall be 6.5 meter for electric power lines carrying voltage exceeding 650 Volts.
- As per CENTRAL ELECTRICITY AUTHORITY NOTIFICATION New Delhi, No. CEA-PS-16/1/2021-CEI Division dated 8th June 2023, the minimum vertical clearance in air above ground and across road surface of Highways or roads is minimum 14.00 M and as per submitted proposal the vertical clearance between top surface of existing National Highway and lowest point of the conductor at maximum possible sag is 21.84 m.
- As per guidelines, the horizontal span between the two tension towers is less than 250M and as per submitted proposal the horizontal span is 247.00 M.

In the submitted proposal, the tension type towers are beyond RoW of the project Highway i.e. 126.00 M in LHS & 61.00 in RHS from the ROW of the project Highway.





Dhruv Consultancy Services Limited

Associate with

Samarth Softech Solutions Pvt. Ltd.



501, Plot No. 67, Pujit Plaza, Opp. K - Star Hotel, Sector-I I, C.B.D. Belapur, Navi Mumbai – 400 614

Telefax No. +91 22 27570710, Mobile: - +91 9619497305 Website: www.dhruvconsultancy.in

Email ID: info@dhruvconsultancy.in, services@dhruvconsultancy.in, CIN No. L74999MH2003PLC141887

vi. The above observations made at site by IE team and further recommendation can be made as per the decision of the Authority.

2. This is for your information and necessary action.

Thinking you,

(Ramesh Sreerangam)

(Team Leader)

M/s. Dhruv Consultancy Services Ltd. Associate

With Samarth Softech Solutions Pvt.Ltd.

Copy to :-

- i. Mr. Sanjay Mishra, IRP, For Information.
- ii. Dhruv Consultancy Services Ltd., Navi Mumbai, for information.

INDEX

S.R.NO.	DESCRIPTION	FROM	TO
1	Covering Letter of Company	1	1
2	Check List	2	9
3	Undertaking 1 : Not Damage to	10	11
4	Undertaking 2 : Removal of Bank Guarantee	12	13
5	Undertaking 3 : Confirming all standards	14	15
6	Undertaking 4 : Shifting of cable as & when	16	17
7	Undertaking 5 : Shifting due to 6/8 lining/widening	18	19
8	Undertaking 6 : Indemnity against all damage	20	21
9	Undertaking 7 : Traffic movement management	22	23
10	Undertaking 8 : If any Claim raised	24	25
11	Undertaking 9 : Prior approval of NHAI before alteration	26	27
12	Undertaking 10 : Expenditure if any incurred	28	29
13	Undertaking 11 : if NHAI consider it necessary in future to move Utility	30	31
14	Undertaking 12 :the laying of Utility will not have any deleterious effects	32	33
15	Undertaking 13 :transmission line installation shall be carried out by trained and experienced persons & technically qualified persons	34	35
16	Undertaking 14 :we will ensure the safety of the highway traffick against	36	37
17	Undertaking 15 :we will compliance with indian electricity rules	38	39
18	License Deed Agreement	40	48
19	Certificate	49	50
20	Details of NH - 65	51	51
21	Location Map	52	52
22	Drawing	53	56

STL/TPL/NHAI/2025-26/02

Date: 18-06-2025

To,
The Project Director,
National Highway Authority of India,
Mauje Bale,
Solapur.

Subject: Permission of laying a 400 KV double-circuit EHV overhead cable line at Km. 283 +800 RHS TO LHS on the Solapur-Hyderabad National Highway (NH-65) in the village Andur, Ta: Tuljapur, Dist.- Usmanabad Maharashtra.

Dear Sir,

"Torrent Power Limited" has acquired "Solapur Transmission Limited" under the project "Transmission System for Evacuation of Power from RE Projects in Solapur (1500 MW) SEZ in Maharashtra" through the TBCB (Tariff Based Competitive Bidding) process. "Solapur Transmission Limited" is now a 100% wholly owned subsidiary of Torrent Power Limited.

In line with the above, "Solapur Transmission Limited" has commenced the construction of the "400 kV D/C Quad Moose transmission line from Solapur PS to Solapur (PG)" under the TBCB framework. Construction activities began on 26/02/2024.

This project involves the crossing of Solapur - Hyderabad NHAI (NH -65) at 01 location near village Andur. We are submitting the crossing proposals for one location where the transmission line intersects with NHAI. The details of these crossings are as follows:

- **Solapur Transmission Limited** crossing chainage at Km. 283 +800 from RHS to LHS

We hereby submit the necessary documentation in **2 original and 2 photocopies** set for your review and approval:

- Checklist
- Undertaking as per NHAI (1 to 15)
- License Deed Agreement
- Certificate
- Details of NH-65
- Location Map
- Drawing-04 nos.

We kindly request your approval and necessary permissions for these crossings to ensure the smooth progress of the project. Thank you for your attention to this matter.

Yours faithfully,



Nitendra Dalal
Manager,
Solapur Transmission Ltd.
Email: nitendradalal@torrentpower.com
Contact No.9722641644

**TORRENT POWER LIMITED**

Registered Office: "Samanvay", 600, Tapovan, Ambawadi, Ahmedabad-380015, India. www.torrentpower.com **CIN :** L31200GJ2004PLC044068

Ahmedabad Zonal Offices: **Naranpura:** Sola Road, 380013. **Shahpur:** Opp. Jubilee House, 380001. **Amraiwadi:** Nr. Indira Nagar, Amraiwadi Road, 380026. **Shrinandnagar:** Beside Shrinandnagar – IV, Vejalpur, 380055. **Naroda:** Memco Cross Road, 382421.

Gandhinagar: Plot No. 283-284, Sector 16, GH-4-5, 382016.

Phone Nos: 079-25502881-88 / 27492222 / 22772020 / 7096032001-20 – **Fax No. :** 079-27492222-Ext. - 5810

Solapur PS – Solapur (PG) 400KV D/C Transmission Line.

CHECK LIST

Guidelines for Project Directors for processing the proposal of laying over Head Electrical Line Crossing National Highway Vested with NHAI

Relevant Circulars/Codes: -

- 1) Ministry of Road & Transport & Highway Letter No. 33044/29/2015/S&R(R) Dated 22.11.2016
- 2) Ministry Circular No. NH-III/P/20/77 Dated 08.04.1982
- 3) Indian Electricity Act – 1910
- 4) Indian Electricity Rules-1956
- 5) IRC:32-1969
- 6) IS:5613-1976 Part-I to IV

Check list for laying U/C 400 kV Solapur PS – Solapur (PG) 400KV D/C TRANSMISSION LINE for Over Head Crossing in SOLAPUR– GULBARGA National Highway –65			
Sl. No.	Item	Information/Status	Remarks
1	General Information	400KV DC Line Overhead Crossing At Km.283+800 Solapur-Hyderabad National Highway NH 65	
1.1	Name and address of the applicant with Full Address	M/s. Solapur Transmission Limited, 2, Dharam Marg Chanakyapuri, New Delhi, South West Delhi, Delhi 110021, India.	
1.2	National Highway Number	NH-65 Between chainage KM283 – KM284 (The Centre Line is crossing exactly at chainage KM 283+800)	
1.3	State	Maharashtra	
1.4	Location	Near Andur Village, Dist- Osmanabad.	
1.5	Name of the Line		
1.6	Chain-age in Km	Between chainage KM283 – KM284 (The Centre Line is crossing exactly at chainage KM 283+800)	
1.7	Length in Meter (NH Crossing Span of Tower Line)	247 Mtrs	As per guideline NH X-ing span should be < 250M
1.8	Width of available ROW (400 KV)	60Mtrs	
	a) Left side from center line towards increasing chain-age/ km direction.	30 Mtrs	
	b) Right side from center line towards increasing chain-age/km direction	30Mtrs	
1.9	Proposal to lay overhead		
	a) Left side from center line towards increasing chain-age/Km direction	NA	
	b) Right side from center line towards increasing chain-age/ Km direction	NA	
	c) Crossing of NH number	NH 65	
1.10	Proposal to acquire land	Not Applicable	



Project Manager (T L)
Solapur Transmission Ltd



Check list for laying U/C 400 kV Solapur PS – Solapur (PG) 400KV D/C TRANSMISSION LINE for Over Head Crossing in SOLAPUR– GULBARGA National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	a) Left side from the center line	Not Applicable	
	b) Right side from the center line	Not Applicable	
1.11	Whether proposal is		
	a) In the same side where land is not to be acquired	Not Applicable Land acquisition is not involved.	
	b) Crossing the National Highway	Yes, the overhead electrical towers are to be laid both side in the agricultural field away from the NH boundary	
	If not then where to lay the overhead Electrical Line	Not Applicable	
1.12	Details of already laid services (overhead) Telecommunication line, overhead Electrical line etc.) if any, along proposed route / proposed crossing	No Overhead of any Telecommunication/Electrical Line at Crossing Point	
1.13	Number of lanes (2/4/6/8 lanes) existing	4 Lanes	
1.14	Proposed number of lanes (2 lane with saved shoulders /4/6/8)	NA	
1.15	Service road existing or not	NA	
	If yes then which side	NA	
	a) Left side from the center line	NA	
	b) Right side from the center line	NA	
1.16	Proposed Service Road	NA	
	a) Left side from the center line	NA	
	b) Right side from the center line	NA	
1.17	Whether proposal to lay overhead Electrical line is after the service road or between the service road and main carriage way, or crossing the National Highway.	Over Head crossing of the National Highway 65.	
1.18	The Permission of laying Over Head Electrical Line shall be considered for approval / rejection based on the Ministry Circulars and relevant codes.	Yes. PI Consider for approval.	
1.19	If crossing of the road involved		
	A) Is it on a line normal to NH and provide length of crossing span.	Angle of Crossing – 89° 58' 00" Length of Crossing Span – 247 Mtr	
	B) Structure (Towers, tension towers, pole for HT line only) for crossing shall not be to near to the existing structures on the National Highway, the minimum distance being 15 meters.	Distance is more than 15 mtrs as mentioned below	
	i) Type of Existing / Proposed structure for National Highway.	Tension towers, Tower type DD+6 on one side and DC+6 on the other side of NH.	
	ii) What is the distance of tower, pole and tension towers from the existing/proposed structure of National Highway.	Tower No. 33/0 (DD+6) is 91M from Center of the existing National Highway and Tower No: AP34/0(DC+6) is 156M from	



Check list for laying U/C 400 kV Solapur PS – Solapur (PG) 400KV D/C TRANSMISSION LINE for Over Head Crossing in SOLAPUR– GULBARGA National Highway –65			
Sl. No.	Item	Information/Status	Remarks
		other side Center of the National Highway. And the total width of the NH is 60M.	
	C)The overhead lines and their supporting poles/ towers should ordinarily be placed at the extreme edge of the road land boundary. In any case, these shall be at 10 meters away from the edge of the existing traffic lane. Where the existing roadway is narrow than the minimum required according to standard or where the widening is proposed for any reason, the lateral clearance shall be reckoned with respect to ultimate road way. What is the horizontal clearance from the extreme edge of the road boundary?	YES The horizontal clearance from Tower No: AP33/0 (DD+6) is 61M and AP34/0(DC+6) is 126M from Extreme Road Boundary of NH-65	
	d) The overhead lines and their supporting poles/towers should be ordinarily being placed at a minimum distance of 5.0m from the nearest line of avenue trees.	Overhead line supporting is far away from the nearest line of avenue trees.	
	e) In Mountainous / hilly terrain the overhead lines should be erected preferably on the valley side as far as away as practicable. In hilly region, level of ground at a suitable distance below the outer conductor on either side from the center line is also to be noted and marked in profile so as to ensure required ground clearance underneath conductor and side clearance in swing conditions. Is the proposal in hilly area?	No, Proposal is in plain terrain.	
	f) The horizontal clearances in respect of poles erected for the purpose of street lighting in urban situation shall be as under.	Not Applicable	
	i) For road with raised kerbs – Minimum 300 mm from the edge of the nearest kerb 600 mm being preferable.	Not Applicable	
	ii) For road without raised kerbs – At least 1.5m from the edge of carriageway, subject to minimum of 5.0 meter from the center line of the carriage way.	Not Applicable	
	g) The pylons of HT lines along the crossing the road shall be located outside the National Highway land	YES	
	h) For crossing the line of same voltage or		



Check list for laying U/C 400 kV Solapur PS – Solapur (PG) 400KV D/C TRANSMISSION LINE for Over Head Crossing in SOLAPUR– GULBARGA National Highway –65

Sl. No.	Item	Information/Status	Remarks
	lower voltage, suspension/tension tower with suitable extension shall be used.	YES	
	i) The vertical clearance of the overhead lines crossing the road shall be reckoned from the top of the crown of the road considering the anticipated final top level due to future raising of road level, strengthening of pavement, etc. The actual ground clearance of high-tension lines for voltage above 650 volts varies depending upon the voltage transmitted and these are stipulated in Indian Standard Codes is 5613-1976 part I to IV and Indian Electricity Rules 1956 as under.	21.84 M from highest point in center of the NH road divider.	As per the Indian Electricity Act – 2003 and Latest Guidelines from CEA the minimum clearance of 400 KV Double Circuit Line from NH center shall be 14.0 Mtrs.
	For ordinary wire and line carrying low voltage up to and including 110 volts – 5500 mm	N/A	
	For electric power lines carrying low voltage up to and including 650 Volts – 6000 mm	N/A	
	For electric power lines carrying voltage exceeding 650 Volts – 6500 mm	N/A	
	220 KV – 7015 mm	N/A	
	400 KV – 8840 mm	The vertical clearance between top surface of existing National Highway and lowest point of the conductor at maximum possible sag is 21.84 Mtrs	
	800 KV – 15000 mm	N/A	
	Note: These are minimum requirement where ever local authority requirement is higher, the same shall be provided. In case of HT line, Road crossing, the ground clearance at the road under maximum temperature and in still air shall be such that even with conductor bundle broken in adjacent span, the ground clearance of the conductor from the road surface shall not be less than 15.00	YES	
	What is the voltage of proposed line and clearance under maximum sag condition between lowest conductor of the proposed line and existing National Highway / future developed National Highway?	The voltage of proposed line is 400KV, Clearance under maximum sag condition between lowest conductor of the proposed line and existing National Highway is 21.84 M	
2	Documents/drawings enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method	NA, as the crossing is overhead and across NH	
2.2	Cross section showing the size of pit and	NA, as the crossing is overhead	



**Check list for laying U/C 400 kV Solapur PS – Solapur (PG) 400KV D/C TRANSMISSION LINE for Over Head Crossing in
SOLAPUR– GULBARGA National Highway –65**

Sl. No.	Item	Information/Status	Remarks
	location of cable for HDD method		
2.3	Strip/Route plan showing overhead Power Transmission line Chainage, width of ROW, distance of proposed cable from the edge of ROW. Important mile stone, intersections, cross drainage works etc	YES	
2.4	Methodology of laying Overhead Power Transmission Line	Yes, Enclosed	
2.4.1	Open trenching method, if yes methodology of refilling of trench	NA	
2.4.2	Horizontal Direction Drilling method	NA	
2.4.3	Laying of Overhead Electrical line through CD works and method of Laying	NA	
3	Draft License agreement signed by two witnesses	YES	
4	Performance Bank guarantee in favor of NHAI has to be obtained @Rs.100 per running meter (Parallel to NH) and Rs.100000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactorily completion of work) as a security for ensuring / making good the area, clearing the debris / loose earth etc. produced.	Will be submitted after according approval	
4.1	Performance bank guarantee as per above is to be obtained	Will be submitted as per demand of NHAI	
4.2	Confirmation of BG has been obtained as per NHAI Guidelines	YES	
5	Affidavit / Under taking to be obtaining from (to the furnished by) the applicant.	YES	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concern agency.	YES	
5.2	Undertaking for renewal of Bank Guarantee if required.	YES	
5.3	Confirming all standard conditions as laid down in Ministry Circular No: NH-III/P/20 dated 08.04.1982, Indian Electricity Act – 1910, Indian Electricity Rule – 1956, IRC – 32 - 1969 IS: 5613 – 1976 Part I to IV and NHAI's guideline.	YES	
5.4	Shifting of overhead electrical line at their own cost as and when required by NHAI	YES	
5.5	Shifting of overhead electrical line at their own cost if require due to 4/6 lining/widening of National Highway.	YES	



**Check list for laying U/C 400 kV Solapur PS – Solapur (PG) 400KV D/C TRANSMISSION LINE for Over Head Crossing in
SOLAPUR– GULBARGA National Highway –65**

Sl. No.	Item	Information/Status	Remarks
5.6	Indemnity against all damages and claims what so ever kind that may be to NHAI or any third party in the ROW during installation, operation and maintenance.	YES	
5.7	Traffic movement during laying of overhead electrical line to be managed by the applicant.	YES	There will be minimal traffic halt of 5-5 Mins. Local Police & Traffic inspector will be intimated before the stringing work.
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	YES	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the overhead electrical line located in the National Highway Right of way.	YES	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance of the overhead electrical line will be borne by the agency owing the line.	YES	
5.11	If NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES	
5.12	Certificate from the applicant in the following format	YES	
	i)Laying of Overhead electrical line will not have any deleterious effect on any of the bridge components and roadway safety for traffic.	YES	
	ii)For 6/8 lanning "We do undertake that I will relocate service road / approach road / utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-lanning or any other development.	YES	
6	Certificate from the Project Directors:		



**Check list for laying U/C 400 kV Solapur PS – Solapur (PG) 400KV D/C TRANSMISSION LINE for Over Head Crossing in
SOLAPUR– GULBARGA National Highway –65**

Sl. No.	Item	Information/Status	Remarks
6.1	Certificate confirming that the proposal has been examined with respect to the structures and developmental work considered at this location and compliance of all standard condition issued vide ministry Circular No: NH – III/P/20/77 dated 08-04-1982, Indian Electricity Act – 1910, Indian Electricity Rules 1956, IRC: 32-1969, IS: 5613 – 1976 Part-I to IV and NHAI's guideline.	To be provided NHAI	
6.2	Certificate from PD in the following format		
	i) "It is certified that any other location of the Electric line would be extremely difficult and unreasonable costly and the installation of Electric line within ROW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc"	To be provided NHAI	
	ii) For 6 lanning a) Where feasibility is available <i>"I do certify that there will be no hindrance to proposed six lanning based on the feasibility report considering proposed structures at the said location".</i>	To be provided NHAI	
	b) In case feasibility report is not available <i>"I do certify that sufficient ROW is available at site for accommodating proposed six lanning".</i>	To be provided NHAI	
7.	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement, "The Permitted Highway on which License has been granted the right to lay Overhead Electrical line has also been granted as a right of way to concessionaire under the copcession agreement for up- gradation of. (Km 283 to km 284, (Crossing exactly at chainage KM 283+800) NH No: (New NH: 65) on build, operate and transfer basis) and therefore, the license shall honor the same.	To be provided NHAI	
8.	Who will supervise the work of laying of overhead electrical Line	Competent person from M/s Solapur transmission Ltd.	
9.	Who will sign the agrèement on behalf of overhead electrical line agency.	Project Manager (Authorized Signatory) from M/s Solapur transmission Ltd.	
10.	Who will ensure that the defects in road portion after laying of overhead electrical line are corrected and if not corrected then what action will be taken.	Project Manager (Authorized Signatory) from M/s Solapur transmission Ltd.	



Check list for laying U/C 400 kV Solapur PS – Solapur (PG) 400KV D/C TRANSMISSION LINE for Over Head Crossing in SOLAPUR– GULBARGA National Highway –65			
Sl. No.	Item	Information/Status	Remarks
11.	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Project Manager (Authorized Signatory) from M/s Solapur transmission Ltd.	
12.	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Not Applicable	
13.	If any previous approval is accorded for laying of overhead electrical line then photocopy of register of records of permissions accorded as maintained by PD may be enclosed.	Not Applicable	
ForPrivate Limited		For National Highway Authority of India-Solapur (Maharashtra)	




 Project Manager (TL)
 Solapur Transmission Ltd





महाराष्ट्र MAHARASHTRA

28 MAY 2025

① 2025 ①

DV 609584

330195 दि. २८.५.२०२५ ५०४
हस्ताचा प्रकार: UNDERTAKING
इस्त नॉदणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission
पत्ता: Near Juba mill, Solapur 413001
दुसऱ्या पक्षकाराचे नाव: NHAI
हस्ते व्यक्तीचे नाव व पत्ता: S. Shinde pune

28 MAY 2025

सौ. सुचेता सुहास देशपांडे
परवाना क्र. २२०१११८
मुद्रांक विकत घेणाऱ्याची सही ५१२/२, बुधवार पेठ, पुणे, २
न्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
बहाक खरेदी केल्यापासून ६ महिन्यात वापरणे, बंधनकारक आहे

Annexure 5.1

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra



From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd,2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line at Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We Shall not damage to other utility, if it is damaged then the losses will be paid to NHAI or the concerned owning agency as per direction by NHAI.

Nitendra Dalal

(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609587

330198 28 MAY 2025
इस्ताचा प्रकार:.....
वस्तु नोंदणी करणार आहेत का: होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission Ltd
पत्ता: Near Jagga mill, Solapur 413001
दुसऱ्या पक्षकाराचे नाव: N.H.A.I.
हस्ते व्यक्तीचे नाव व पत्ता: S. Shinde pune



28 MAY 2025

सौ. सुचेता सुहास वैशंपांडे
परवाना क्र. २२०१११८
मुद्रांक विकत घेणाऱ्याची सही ५१२/२, बुधवार पेठ, पुणे, २
ह्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
रहात खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे

Annexure 5.2

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra

From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line at Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We Shall furnish Bank Guarantee as per NHAI Norms before execution of work and renew timely required.



(Nitendra Dalal)
Project Manager,

Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA


2025

DV 609590

28 MAY 2025

क्र. 330201 दि. मु. शु. रकम:.....
वस्तु का प्रकार:..... **UNDERTAKING**.....
वस्तु नोंदणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: **Solapur Transmission Ltd**
पत्ता: **Near Jabe mill Solapur 413001**
दुसऱ्या पक्षकाराचे नाव: **NHAI**
हस्त लेखकाचे नाव व पत्ता: **S. Shinde pune**

28 MAY 2025


मुद्रांक विकत घेणाऱ्याची सही
म्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
बदाक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे

सी. सुचेता सुहास देशपांडे
परवाना क्र. २२०१११८
५१२/२, दुधवार पेठ, पुणे. २



Annexure 5.3

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra

From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line at Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We Shall follow and abide by confirming all standard conditions of MoRT&H and NHAI guidelines regarding laying of the said Overhead line project.


(Nitendra Dalal)

Project Manager,

Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609592

28 MAY 2025

330203 म.ग. रजमः
वस्ताचा प्रकारः UNDERTAKING
वस्त नोंदणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नावः Solapur Transmission Hq
पत्ताः Near Taba mill, Solapur-43001
दुसऱ्या पक्षकाराचे नावः N H A I
हस्तो व्यक्तीचे नाव व पत्ताः S. Shinde pune

28 MAY 2025

सौ. सुचेता सुहास देशपांडे
परवाना क्र. २२०१११८
मुद्रांक विकत घेणाऱ्याची सही ५९२/२, बुधवार पेठ, पुणे.२
न्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
पक्षाक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे

Annexure 5.4

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra



From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

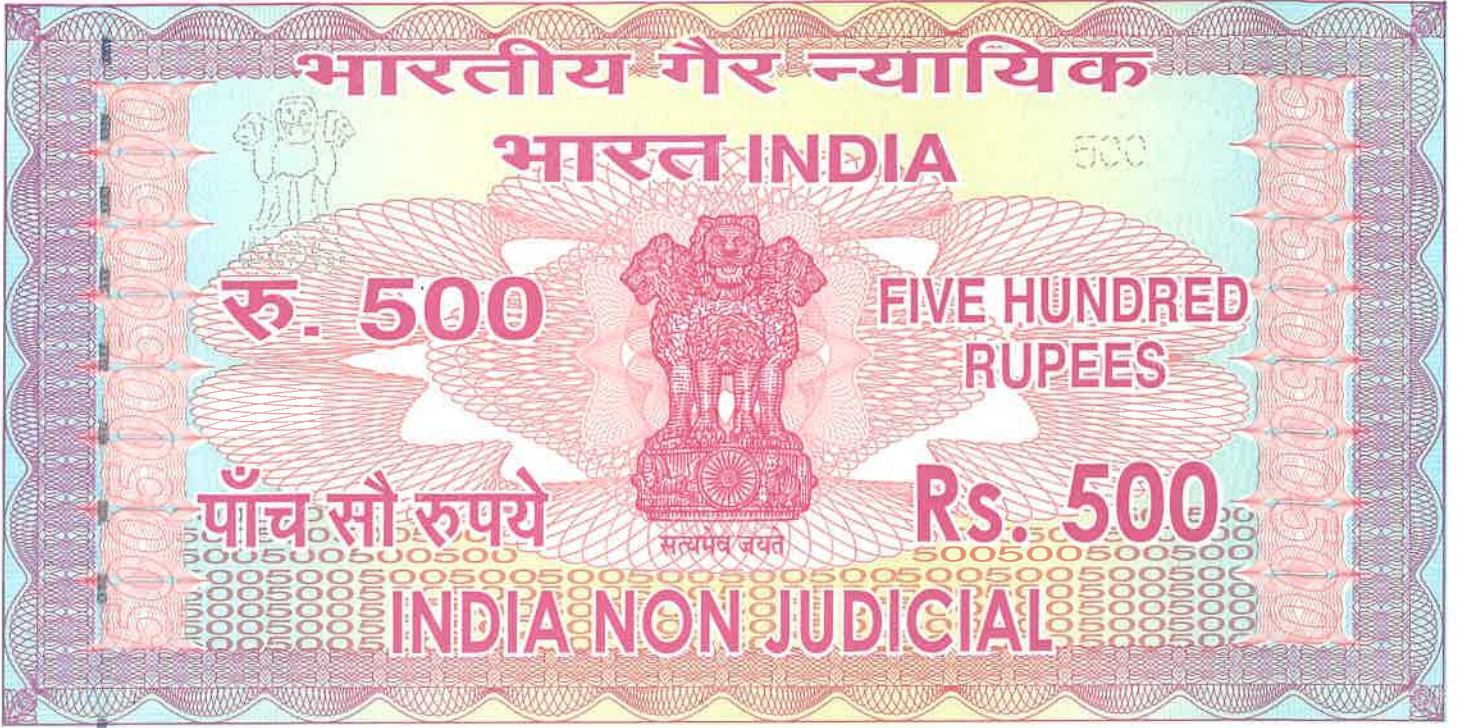
We M/s Solapur Transmission Ltd,2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line at Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

M/s Solapur Transmission Ltd Has to shift the above Overhead Power line as and when required by NHAI and shall be carried out at own cost and responsibility



(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609594

28 MAY 2025

330205 दि. मु.श. रकम:.....
रस्ताचा प्रकार:..... **UNDERTAKING**
दस्त नोंदणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission Ltd
पत्ता: Near Jaba mill, Solapur - 413001
दुसऱ्या पक्षकाराचे नाव: N.H.A.I.
हस्तो व्यक्तीचे नाव व पत्ता: S. Shinde pune

28 MAY 2025

S. Shinde सौ. सुचेता सुहास देशपांडे
परवाना क्र. २२०१११८
मुद्रांक विकत घेणाऱ्याची सही १९२/२, बुधवार पेठ, पुणे.२
न्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
पत्राक खरेदी केल्यासून ६ महिन्यात वापरणे बंधनकारक आहे



Annexure 5.5

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra

From,
M/s Solapur Transmission Ltd,
2, Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2, Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

M/s Solapur Transmission Ltd Has to shift the above Overhead Power line at our cost and responsibility (If required), in future due to 6/8 Laning/widening is in process of NH.

Nitendra Dalal

(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609586

28 MAY 2025

330197 दि. मु. शु. रकम:

स्ताचा प्रकार: UNDERTAKING

स्त नोंदणी करणार आहेत का : होय / नाही

मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission Ltd

पत्ता: Near Jaba mill Solapur, 413001

दुसऱ्या पक्षकाराचे नाव: NHAI

हस्ताक्षर व्यक्तीचे नाव व पत्ता: S. Shinde pune

28 MAY 2025

मुद्रांक विकत घेणाऱ्याची सही 458/ए.मुधपार पेठ, पुणे.२

म्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी

वहाक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे



Annexure 5.6


UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra

From,
M/s Solapur Transmission Ltd,
2, Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2, Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake for Indemnity against all damage and claims clues (xxiv) during installation & Operation & Maintenance.



(Nitendra Dalal)
Project Manager,

Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

● 2025 ●

DV 609596

28 MAY 2025

330 207 दि. पु. ग. र. क्र. म. पु. र. क्र. म.
वस्ताचा प्रकार: UNDERTAKING
दस्त नोंदणी करणार आहेत का: होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission Hel
पत्ता: Near Jaba mill, Solapur 41300/
दुसऱ्या पक्षकाराचे नाव: N.H.A.I.
हस्ते व्यक्तीचे नाव व पत्ता: S. Shinde pune

28 MAY 2025

मुद्रांक विकत घेणाऱ्याची सही सी. सुचेता सुहास देशपांडे
परवाना क्र. २२०१११८
न्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
रहाक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे



Annexure 5.7

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra

From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

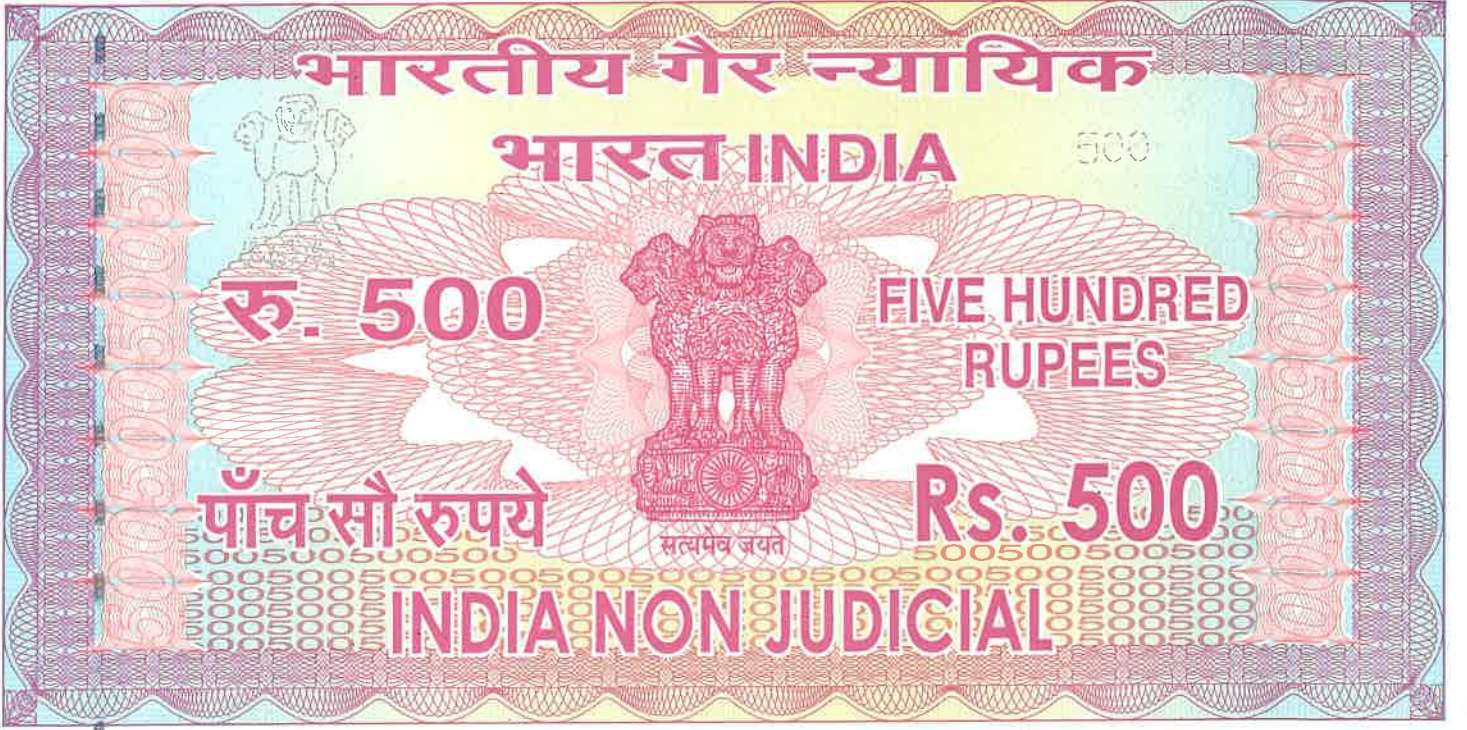
We M/s Solapur Transmission Ltd. hereby do undertake about the Traffic movement during laying of power line to be managed by us.



(Nitendra Dalal)
Project Manager,

Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

● 2025 ●

DV 609599

28 MAY 2025

330210
इस्ताचा प्रकार:.....
दस्त नोंदणी करणार आहेत का: होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission Ltd
पत्ता: Near Jabe mill, Solapur 413001
दुसऱ्या पक्षकाराचे नाव: N.H.A.I.
इस्तो व्यक्तीचे नाव व पत्ता: S. Shinde pune

UNDERTAKING



28 MAY 2025

सौ. सुचेता सुहास देशपांडे
परवाना क्र. २२०१११८
मुद्रांक विकत घेणाऱ्याची सही ५९२/२, बुधवार पेठ, पुणे. २
म्हा कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
रहाद खरेदी केल्यापासून ६ महिन्यात यापरमचे बंधनकारक आहे

Annexure 5.8

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra

From,
M/s Solapur Transmission Ltd,
2, Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2, Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake that, if any claims are raised by concessionaire, then the same has to be paid by us.



(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609702

28 MAY 2025

क्र. 330213 दि. मु. ग. रकम:
हस्ताचा प्रकार: UNDERTAKING
हस्त नोंदणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission
पत्ता: Near Juba mill, Solapur 413001
हस्त्या पक्षकाराचे नाव: NHAI
हस्त्या व्यक्तीचे नाव व पत्ता: S. Shinde Pune

28 MAY 2025

सी. सुचेता रमेश देशपांडे
परवाना क्र. 22033336
मुद्रांक विकत घेणाऱ्याची सही 22/2/2025 पुणे, २
न्याय कारणासाठी न्यायी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
इशाक खरेदी केल्यापासून ६ महिन्यात वापरणं बंधनकारक आहे

Annexure 5.9

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra



From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake about prior approval of NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing of EHV power line located in the National Highway Right of Way.

Nitendra Dalal

(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.



From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line at Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake about the Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the EHV Power line located in the National Highway Right of way will be borne by the agency owing the line.



(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





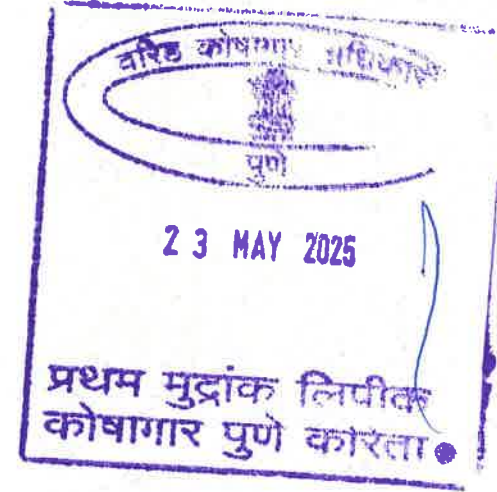
महाराष्ट्र MAHARASHTRA

2025

DV 609706

28 MAY 2025

क्र. 330217 दि. मु.श. रकम:.....
UNDERTAKING.....
हस्ताचा प्रकार:.....
हस्त नोंदणी करणार आहेत का: होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission
पत्ता: Near Juba mill, Solapur 413001
हुसुन्या पक्षकाराचे नाव: N.H.A.T.
हस्त व्यक्तीचे नाव व पत्ता: S. Shinde Pune



28 MAY 2025

सौ. सुचेता सुहास देशपांडे
परवाना क्र. २२०१११८
९६२/२, मुद्रांक पेठ, पुणे-२
मुद्रांक विकत घेणाऱ्याची सही
न्या कागजासाठी ज्यांनी मुद्रांक मारवी केला आहे त्याच कारणासाठी
बंदीक सुरती केल्यापासून ६ महिन्यांत वापरणे बंधनकारक आहे

Annexure 5.11

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra

From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line at Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake that, If NHAI considers it necessary in future to move the EHV Power line for any work of improvement or repairs to the road, it will be carried out as desired by NHAI at the cost of agency owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given.

Nitendra Dalal

(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609708

28 MAY 2025

330219 दि. मु. शु. रकम:.....
इस्ताचा प्रकार:..... **UNDERTAKING**.....
दस्त नोंवणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission
पत्ता: Near Juba mill, Solapur 413001
दुसऱ्या पक्षकाराचे नाव: NHAI
हस्त नोंवणीचे नाव व पत्ता: S. Shinde pune

28 MAY 2025

सौ. सुचेता सुहास देशपांडे
परवाना क्र. २२०१११८
५१२/२, बुधवार पेठ, पुणे, २
मुद्रांक विकत घेणाऱ्याची सही
ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
बदाखल खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे

Annexure 5.12

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra



From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

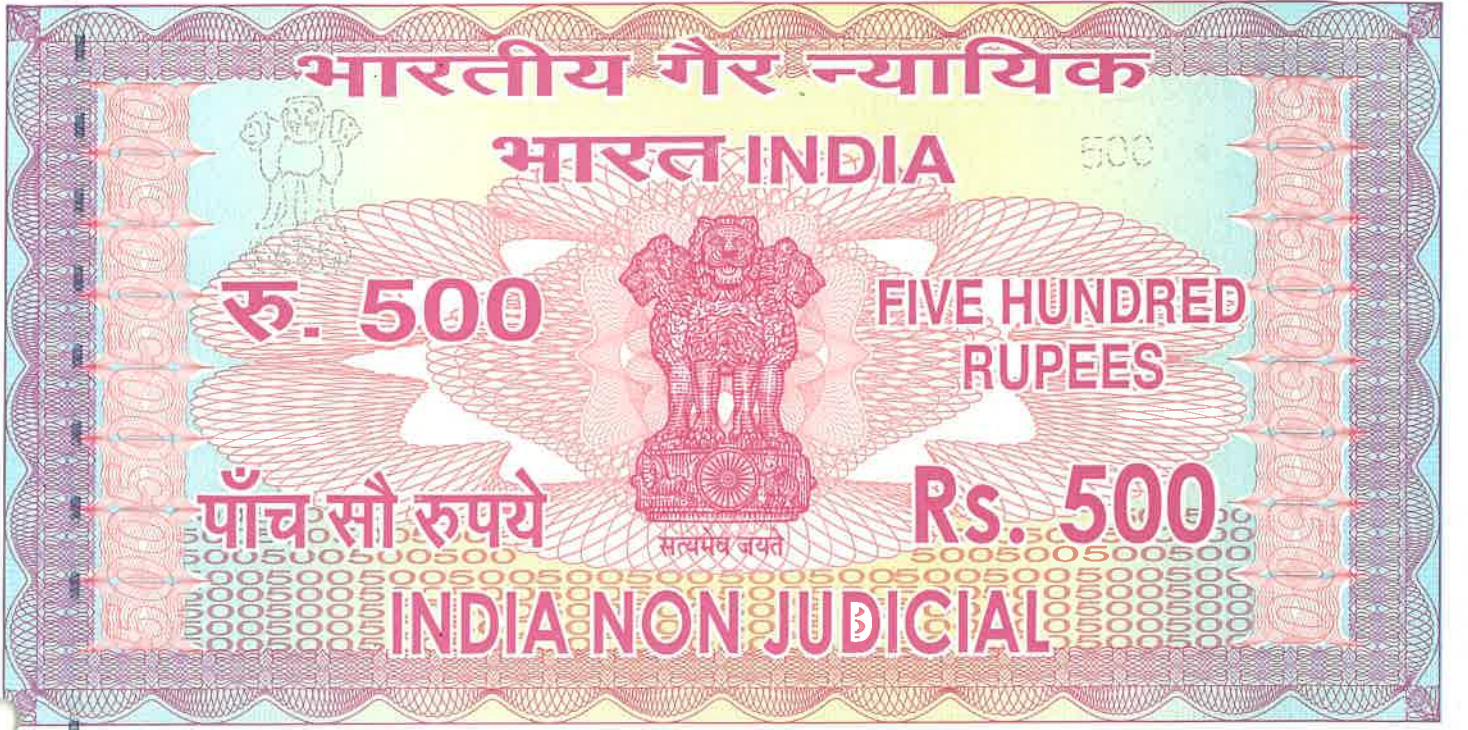
We M/s Solapur Transmission Ltd, 2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake that; the laying of EHV power line will not have any deleterious effects on any of bridge components and roadways safety for traffic.



(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609710

28 MAY 2025

क्र. 330221 दि. २८.०५.२०२५ म.श. रकम:.....
उNDERTAKING.....
हस्ताचा प्रकार:.....
दस्त नोंदणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission
पत्ता: Near Juba mill Solapur 413001
हुसुन्या पक्षकाराचे नाव: N.H.A.I.
हस्तो व्यक्तिचे नाव व पत्ता: S. Shinde pune

सौ. सुशेता सुहास देशपांडे
परवाना क्र. २२०१११८
१९२/२, पुणेबाई रोड, पुणे, २
मुद्रांक विकत घेणाऱ्याची सही
न्या कारणासाठी न्यायी मुद्रांक करतो केवळ काही खास कारणासाठी
बहाक स्वरेती कल्याणासून ६ महिन्यात वापरणे बंधनकारक आहे



UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra

From,
M/s Solapur Transmission Ltd,
2, Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2, Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line at Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake that; the Transmission line installation shall be carried out by trained & experienced personal & supervision by technically qualified persons Competent to undertake such works.


(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609713

28 MAY 2025

क्र. 330224 दि. मु.शु. रकम:.....
उद्देश्य:.....
उद्देश्य:.....
दस्त नावणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission
पत्ता: Near Juba mill Solapur 413001
दुसऱ्या पक्षकाराचे नाव: NHAI
हस्ते व्यवर्ताचे नाव व पत्ता: S. Shinde pune

28 MAY 2025

सौ. सुचेता सुहास देशपांडे
परवाना क्र. 22011116
मुद्रांक विकत घेणाऱ्याची सही १९२/२ बुधवार पेठ, पुणे.२
न्या कारणासाठी त्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
पत्राक खरेदी केल्यापासून ६ महिन्यात वापरण वधनकारक असे

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra



From,
M/s Solapur Transmission Ltd,
2, Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2, Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake that; we will ensure the safety of the highway traffic against the hazard of the high voltage lines during installation operations & Maintenance.

Nitendra Dalal

(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609582

28 MAY 2025

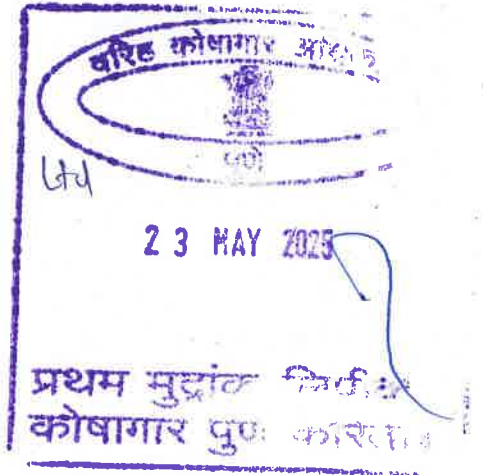
330193 दि. मु.श. रकम: 500/-
रस्ताचा प्रकार: AGREEMENT
इस्त नादणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission
पत्ता: Mauje Bale Solapur
दुसऱ्या पक्षकाराचे नाव: NHA I
हस्ते व्यक्तीचे नाव व पत्ता: S. Shinde pune.

28 MAY 2025

सौ. सुचेता सुहास देशपांडे
परवाना क्र. 22011186
मुद्रांक विकत घेणाऱ्याची सही ५१२/२, जुधवार पेठ, पुणे. २
ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
महाक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra



From,
M/s Solapur Transmission Ltd,
2,Dharam Marg, Chanakyapuri,
New Delhi, South west Delhi,
Delhi, 110021

We M/s Solapur Transmission Ltd, 2,Dharam Marg, Chanakyapuri, New Delhi, South west Delhi, Delhi, 110021 do hereby undertake that in connection with laying a 400KV double-circuit EHV overhead cable line at line Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

We M/s Solapur Transmission Ltd. hereby do undertake that; we will compliance with Indian electricity rules and other authorities' regulations all overhead lines shall comply with the requirement of the Indian electricity act and rules made they're under and regulation or specification laid down by NHAI.



(Nitendra Dalal)
Project Manager,
Solapur Transmission Ltd.





महाराष्ट्र MAHARASHTRA

2025

DV 609715

28 MAY 2025

330226 दि. म. न. र. क. व. :
UNDERTAKING

इस्ताचा प्रकार:
वस्तु नोंदणी करणार आहेत का : होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission
पत्ता: Near Juba mill, Solapur 413001
दुसऱ्या पक्षकाराचे नाव: N.H.A.T.
हस्ताक्षरकर्त्याचे नाव व पत्ता: S. Shinde Pune

[Signature]

सौ. सुचेता सुहास देशपांडे
परवाना क्र. 2203116

मुद्रांक विकत घेणाऱ्याची सही 592/2, बुधवार पेठ, पुणे, 2
न्याय कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्याच कारणासाठी
इवाक खरेदी केल्यापासून 6 महिन्यांत वापरणं बंधनकारक आहे



AGREEMENT REGARDING GRANTING OF RIGHT OF WAY

PERMISSIONS

FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS

Agreement to lay Telecom Cable/OFC cable / Electric cable/pipe line/ducts

Etc, From..... to..... km of land

This agreement this day of
(month) of (year) between
..... Acting in his executive
capacity through(herein after
referred to as the "Authority" which expression shall unless excluded by
or repugnant to the context, include his successors in office and assigns)
on the one part M/s. a
company registered under the Companies Act, 1956 and having its
registered office at
(Hereinafter called the "Licensee") which expression shall unless
excluded by repugnant to the context, include his
successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for the development and
maintenance of lands in Km..... to
..... NH no. of RoW.

Whereas the Licensee proposes to lay Telecom cable/OFC cable/Electrical
cable/pipe line/ducts etc referred to as utility services in subsequent
paras.

Whereas the Licensee has applied to the Authority for permission to lay
utility services from Km to Km of
road/route up toand from km
..... to Km of
road/route up to

And whereas the Authority has agreed to grant permission for way of
leave on the NH ROW as per terms and conditions hereinafter mentioned.

Now this agreement witnesseth that in consideration of the conditions
hereinafter contained and on the part of the Licensee to be observed and
performed, the Authority hereby grants to the Licensee permission to lay
utility services as per namely.

1. RoW permissions are only are only enabling in nature. The
purpose of extending the way leave facility on the National
Highway RoW is not for enhancing the scope of activity of a utility
service provider, either by content or by intent. Further,
enforceability of the permission so granted shall be restricted
only to the extent of provisions/scope of activities defined in the
license agreement & for the purpose for which it is granted.

Quintus



2. No Licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the RoW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs/sq m/month to the Authority. The License fee shall become payable from the date of handing over of Row land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the RoW. In case of restricted width of Row, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.



9. In exceptional cases, where Row is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for landscaped with required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.

Amulya



- b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
- c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
- d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route metre / Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility;

Amulya



21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities /underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches,

Amulya



for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.

27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate 'prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. 33. During the subsistence of this Agreement, the utility services located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and infeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any

Amul



matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.

37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- Operation, repair and maintenance guidelines given by the manufacturers,
 - the requirements of Law,
 - the physical conditions at the Site, and
 - The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.

Quintus



43. For PPP projects, in case any financial loss incurred by the respective project Concessionaries due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaries. MoRT&H/NHAI/implementing authorities for the project shall not be liable to the concessionaire in any way in his regard. This agreement has been made in duplicate, each on a Stamp paper, Each party to this Agreement has retained one stamped copy each.\

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED, SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY

BY SHRI.....
(Signature, Name & Address with stamp)

SIGNED ON BEHALF OF M/S

.....(LICENSEE) BY SHRI
.....
(Signature, Name & Address with stamp)

Quilley



HOLDER OF GENERAL POWER OF ATTORNEY
..... (DATED)

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO.
..... DATED PASSED BY THE
BOARD OF DIRECTORS IN THE MEETING HELD ON
.....

IN PRESENCE OF (WITNESSES)

1.

2.



महाराष्ट्र MAHARASHTRA

2025

DV 609583

20 MAY 2025

330194 दि. म.ग. रकम: 500/-
वस्तुचा प्रकार: AGREEMENT
वस्तु नोंदणी करणार आहेत का: होय / नाही
मुद्रांक विकत घेणाऱ्याचे नाव: Solapur Transmission Ltd
पत्ता: Mayje Bale Solapur
दुसऱ्या पक्षकाराचे नाव: NHAI
हस्त लेखणीचे नाव व पत्ता: S. Shinde Pune

वरिष्ठ कोषागार
23 MAY 2025
प्रथम मुद्रांक लिफ्ट
कोषागार पुणे कारखाना

20 MAY 2025

सी. सुचेता सुहास देशपांडे
परवाना क्र. 2208886
मुद्रांक विकत घेणाऱ्याची सही ५९२/२, बुधवार पेठ, पुणे, २
न्याय कारणासाठी ज्यांनी मुद्रांक खरेदी केला आहे त्यांचे कारणासाठी
बहाक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे

UNDERTAKING CERTIFICATE

Subject: - Permission for laying a 400KV double-circuit EHV overhead cable line at Km 283+800 from RHS to LHS on the Solapur - Hyderabad National Highway (NH-65) in the village Andur village, Tal. Tuljapur, District Osmanabad, Maharashtra.

1) We M/s Solapur Transmission Ltd. hereby do undertake, that if any necessary alteration including complete removal shifting of the overhead Cables and Tower poles crossing on the Solapur - Hyderabad NH-65 at Km 283+800 from RHS to LHS in the Villages Andur, Tal. Tuljapur, Dist. Osmanabad. If so, required by Ministry for the development of National Highway of India interest of Safety in This Section at our own Cost.

- 2) We M/s Solapur Transmission Ltd hereby also undertake to pay the necessary rent for laying of overhead cable cross the National Highway whenever the national authorities ask rents in future.
- 3) We M/s Solapur Transmission Ltd hereby undertake that in respect to part -1 and 2 we shall not violate any condition and that we would not enter into any litigation in any manner.
- 4) We also further undertake to ensure conformity as per the norms of National Highway.
- 5) We have understood the complete picture of four lane project of National Highway NH-65. i.e., Solapur - Hyderabad.
- 6) We understood that no laying of overhead cables or construction of tower poles shall be done till the permission is granted by the MORT & H New Delhi,
- 7) We declare that we will not display any advertisement / hoarding along the national highway no. 65 without prior approval of the National Highway Authority of India.
- 8) We M/s Solapur Transmission Ltd hereby undertake to bear the entire cost of construction & maintenance of laying of overhead cables & tower poles and its signs as necessary and other traffic control devices at our own cost.
- 9) We hereby undertake to lay overhead cables including tower poles, as per the norms specified by govt, of India ministry of road transport and highway, New Delhi from time to time.
- 10) If in future, by- M/s Solapur Transmission Ltd, 400 KV cable line by any reason, any accident or death caused, then only the M/s Solapur Transmission Ltd, company will be held responsible for it. and the claims will be settled by M/s Solapur Transmission Ltd only. The State P.W.D. / National Highway Authority of India department will not be involved in any case so fund/claims in any. The periodical maintenance of road crossing will be the responsibility of M/s Solapur Transmission Ltd.
- 11) All legal matters in future regarding this work should be cleared by M/s Solapur Transmission Ltd. Company on its own expenses and responsibility National Highway Authority of India department will not be responsible in any way for any legal matter.
- 12) The rules and regulation altered or updated time to time by National Highway Authority of India department will be obligatory for this work, we M/s Solapur Transmission Ltd will follow all the rules and regulation here in future. It is understood that the department reserves the right to alter or update any regulation time to time without informing the M/s Solapur Transmission Ltd. We M/s Solapur Transmission Ltd hereby undertake all responsibilities during the laying overhead cables any damage to the road or to any other structure of the road will be made good by us at our own cost.
- 13) We M/s Solapur Transmission Ltd hereby undertake the responsibility that the overhead cable will be shifted in case it is requested at a later stage at our own cost.

Solapur

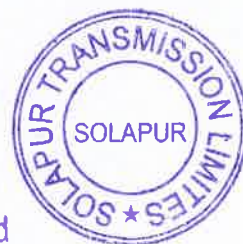


**Permission for Laying a 400KV Double Circuit EHV Overhed Cable Line at Km 283+800 from RHS to LHS
on the Solapur- Hyderabad National Highway (NH - 65) in the Village Andur Village, Tal - Tuljapur,
District Osmanabad, Maharashtra.**

SR.NO	Details of NH - 65		
1	Crossing Tower no. Type & Angle	i)	Tower no. 33 & Tower no. 34
		ii)	DD+6 & DC+6 Respectively
		iii)	Crossing Angle 89°58'00"
2	Ground Elevation (Tower no. 33 & Tower no.34)		Mentioned on Profile
3	Crossing Distance NH - 65 to Tower no. 33 & Tower no.34	i)	Centre of NH-65 To Tower no. 33 =91 Mtrs
		ii)	Centre of NH-65 To Tower no.34 = 156 Mtrs
4	Crossing Distance NH - 65		247 Mtrs
5	Way Leave Clearance		91 Mtrs & 156 Mtrs
6	Ground Clearance + Sag error		21.84 Mtrs as per Drawing enclosed
7	Crossing Span Required		247 Mtrs
8	Crossing Span Available		247 Mtrs
9	GPS CO-ordinate of Tower no. 33 & Tower no.34	i)	UTM CO-ordinate 17°48'24"N / 76°13'02"E
		ii)	UTM CO-ordinate 17°48'32"N / 76°12'58"E
10	Tower Height Tower no. 33 & Tower no.34		Tower no.33 = 53.89 Meters & Tower no.34 = 53.59 Meters



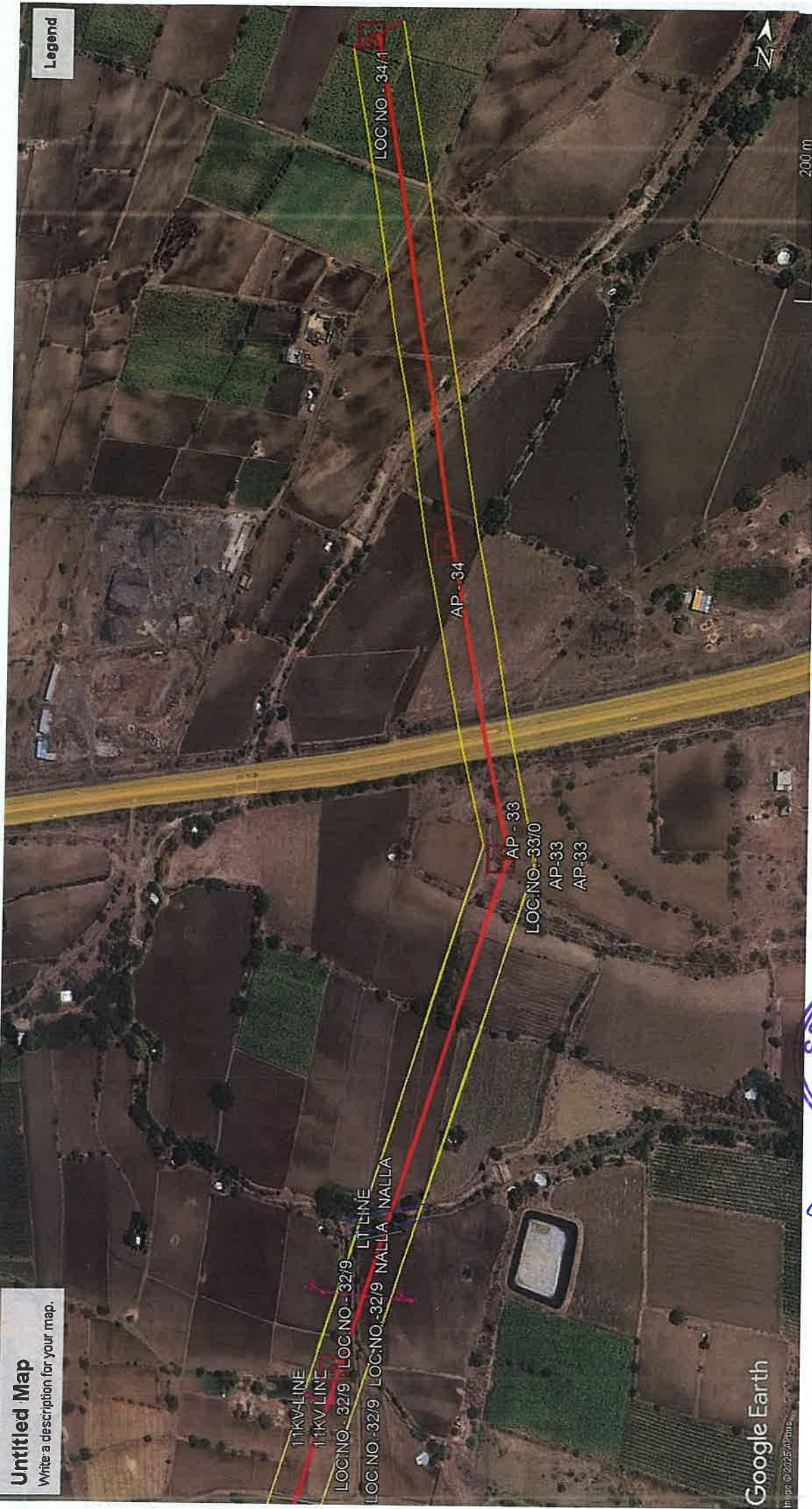

 Project Manager (T L)
 Solapur Transmission Ltd



Untitled Map

Write a description for your map.

Legend



Handwritten signature in blue ink.


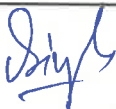





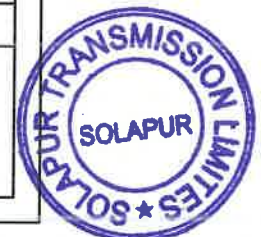
Handwritten signature in blue ink.
Project Manager (TL)
Solapur Transmission Ltd

LOC.NO.-34/0
DC+ 6
Wind Span: 349.50
Wt.Cold: 110+179=289
Wt.Hot : 114+195=309

Tower Spotting Data	
1. NAME	:AL59 MOOSE
2. DIAMETER (MM)	:29.79
3. UNIT WEIGHT (Kg/M)	:1.449
4. AREA (sq.mm.)	:525.00
5. BASIC SPAN (M)	:400
6. GROUND CLEARANCE (M)	:8.840
7. MAXIMUM SAG (85° NW) (M)	:13.146
8. TENSION AT (0° NW) (KG)	:3357.00
9. TENSION AT 85° NW (KG)	:2230.00
10. SAG ERROR (M)	:0.150

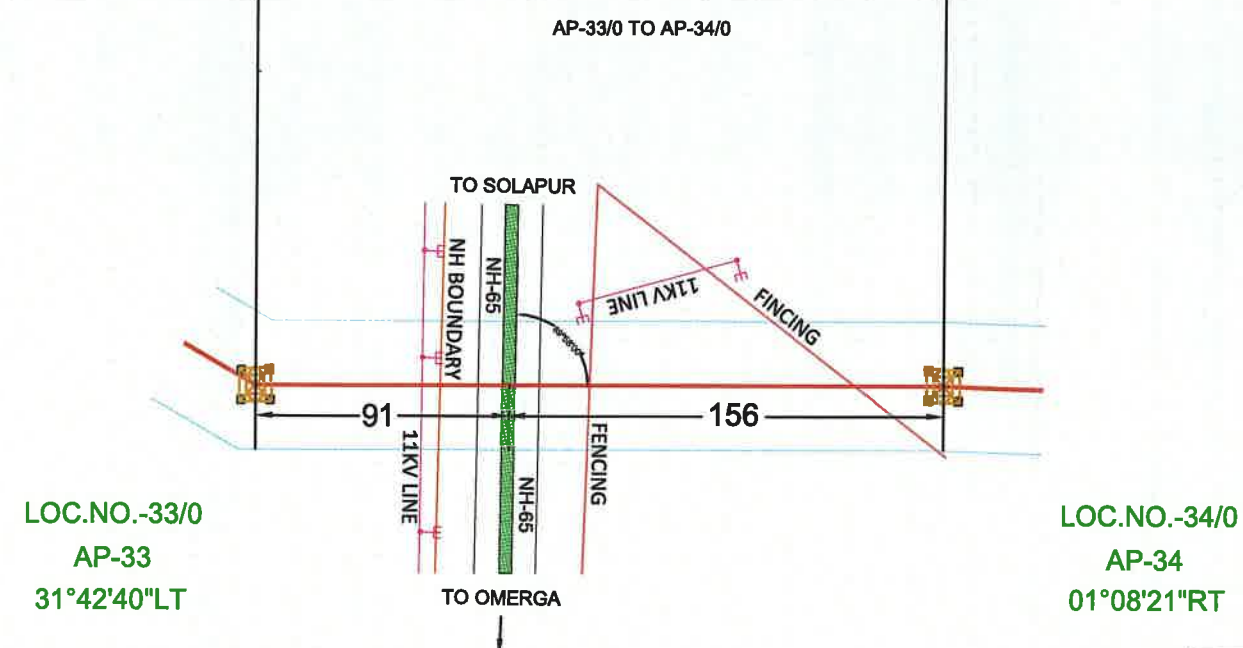







CLIENT	Solapur Transmission Limited Subsidiary of Torrent Power Limited			
CONTRACTOR	BNC POWER PROJECTS LIMITED			
PROJECT TITLE:	Solapur PS – Solapur (PG) 400kV D/c line (Quad AL59 moose Equivalent)			
SURVEYED BY	SUBMITTED BY	CHECKED BY	RECOMMENDED BY	APPROVED BY
				
B.N.C.P.L				



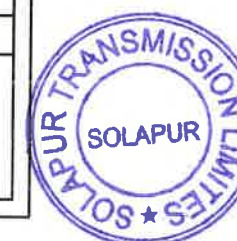


Datum: 521.0		99
Ground	523.974	
CHAINAGE(M)	0.000	
	20.000	524.234
	40.000	524.275
	60.000	523.908
	80.000	524.582
	100.000	524.193
	120.000	522.552
	140.000	522.709
	160.000	522.866
	180.000	522.774
	200.000	522.664
	220.000	522.566
	240.000	522.511
	247.331	522.491



CLIENT	Solapur Transmission Limited Subsidiary of Torrent Power Limited				
CONTRACTOR	BNC POWER PROJECTS LIMITED				
PROJECT TITLE:	Solapur PS – Solapur (PG) 400kV D/c line (Quad AL59 moose Equivalent)				
SURVEYED BY	SUBMITTED BY	CHECKED BY	RECOMMENDED BY	APPROVED BY	
					
B.N.C.P.P.L					

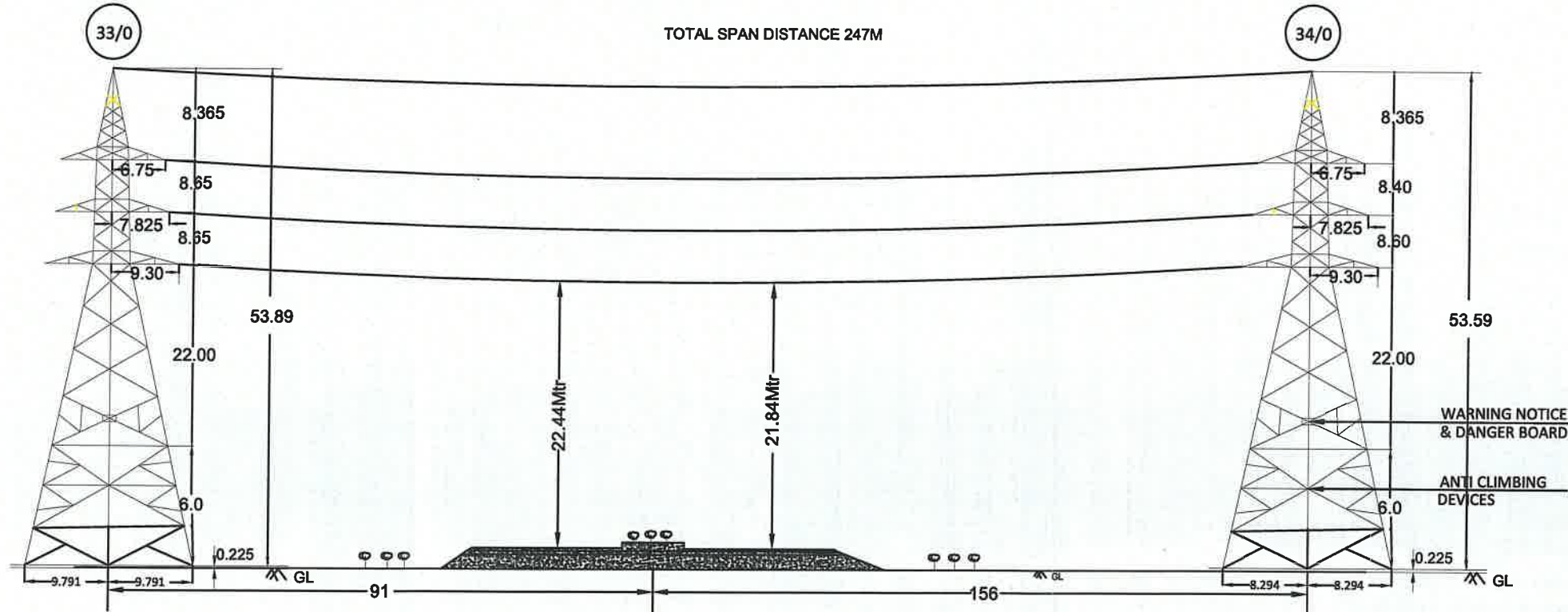
SCALE :- NTS



RHS of the Project

LHS of the Project

TOTAL SPAN DISTANCE 247M



Cross Section View

CHAINAGE(M)

0.000

20.000

40.000

60.000

80.000

100.000

120.000

140.000

160.000






180.000

200.000

220.000

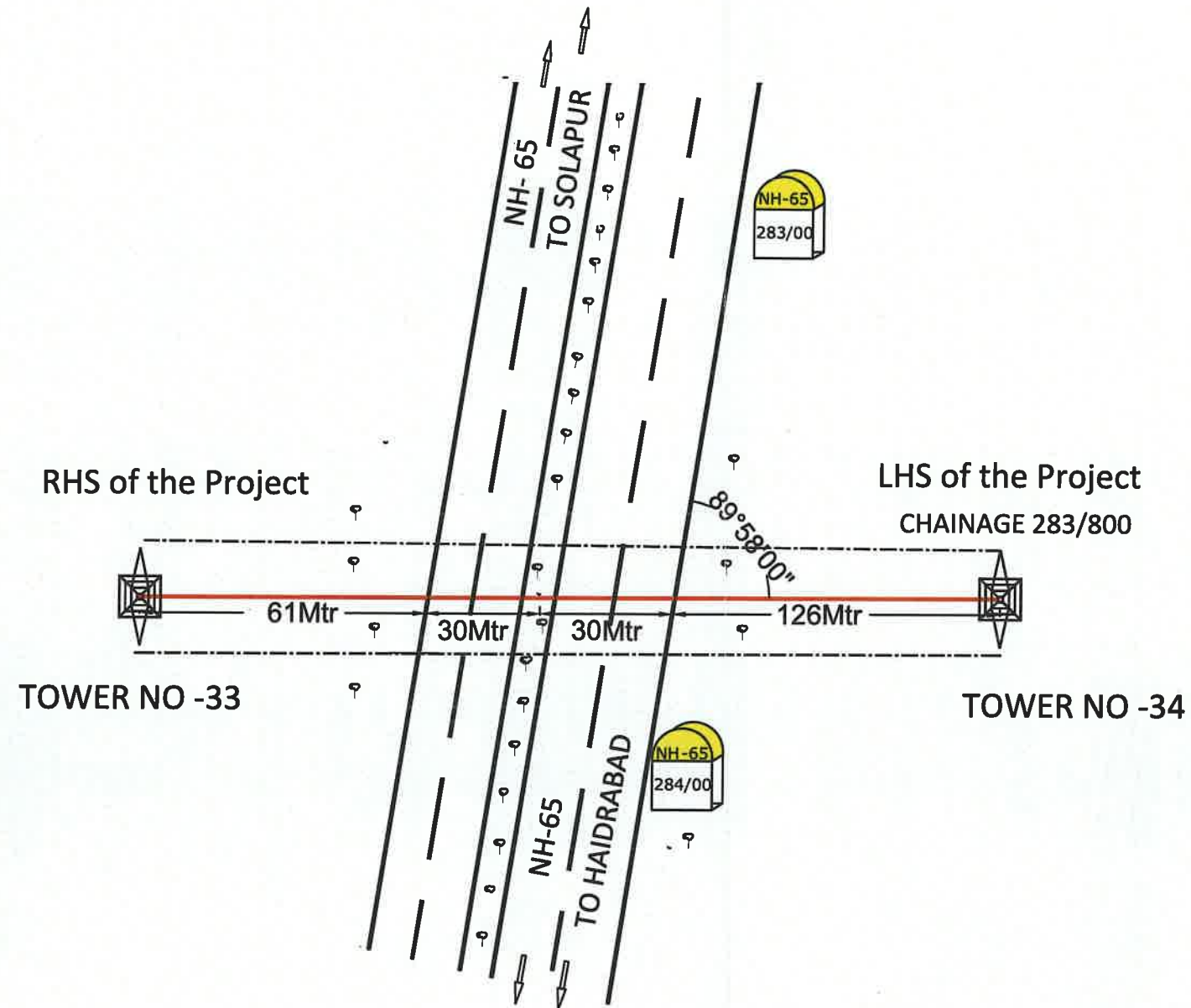
240.000

247.000

CLIENT	Solapur Transmission Limited Subsidiary of Torrent Power Limited			
CONTRACTOR	BNC POWER PROJECTS LIMITED			
PROJECT TITLE:	Solapur PS – Solapur (PG) 400kV D/c line (Quad AL59 moose Equivalent)			
SURVEYED BY	SUBMITTED BY	CHECKED BY	RECOMMENDED BY	APPROVED BY
				
B.N.C.P.P.L				

SCALE :- NTS





SCALE :- NTS

Top
View

CLIENT	Solapur Transmission Limited Subsidiary of Torrent Power Limited			
CONTRACTOR	BNC POWER PROJECTS LIMITED			
PROJECT TITLE:	Solapur PS – Solapur (PG) 400kV D/c line (Quad AL59 moose Equivalent)			
SURVEYED BY	SUBMITTED BY	CHECKED BY	RECOMMENDED BY	APPROVED BY
B.N.C.P.P.L				

