



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
(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

No. : NHAI/PIU/SLP/BHP/Pkg-XIV/Gen.(Tech.)/2025/ **3356**

Date **23**/12/2025.

सार्वजनिक टिप्पणियों का आमंत्रण

विषय —महाराष्ट्र राज्य में सुरत — नासिक — अहमदनगर — सोलापूर MH/KNT बॉर्डर ग्रीनफील्ड स्ट्रेच (पैकेज XIV कि.मी.५१२/००० (हसापूर) से कि.मी. ५४८/४०० (बडादल तक) का सिक्स लेन निर्माण भारतमाला परियोजना के तहत हाइब्रिड ऑन्युटी मोड पर किया जाएगा — महाराष्ट्र राज्य में सुरत चेन्नई हाईवे पर मैदगी गाव, तालुका अक्कलकोट, जिला सोलापूर के पास कि.मी.५३१/९४० पर ३३ केव्ही युजी केबल रोड क्रॉसिंग बिछाने की अनुमति प्राप्त करने के प्रस्ताव के लिए अनुमति.

संदर्भ :- कार्यकारी अभियंता (ओ. अण्ड एम), सोलापूर रूरल डिव्हीजन, सोलापूर कार्यालय का पत्र क्रमांक ७१६२ दिनांक ०२/१२/२०२५.

- कार्यकारी अभियंता (ओ. अण्ड एम.), सोलापूर रूरल डिव्हीजन, सोलापूर ने महाराष्ट्र राज्य में सुरत चेन्नई हाईवे पर मैदगी गाव, तालुका अक्कलकोट, जिला सोलापूर के पास कि.मी.५३१/९४० पर ३३ केव्ही युजी केबल रोड क्रॉसिंग बिछाने की अनुमति प्राप्त करने के प्रस्ताव के लिए प्रस्तुत की है।
- मंत्रालय द्वारा जारी दिशा-निर्देशों के अनुसार, दिनांक २२.११.२०१६ के का.ज्ञा. संख्या आर. डब्लू/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

(स्वजिल कासार)

उपमहाप्रबंधक (तकनीकी) तथा परियोजना निदेशक
भा.रा.रा.प्रा. इकाई, सोलापूर

प्रतिलिपी —

- मा. मुख्य महाप्रबंधक (तकनीकी) क्षेत्रीय कार्यालय, भा.रा.रा.प्रा. मुंबई की जानकारी के लिए।
- मास्टर फाईल।

 MAHA VITARAN Govt. of Maharashtra Undertaking CIN:U40109MH2005SGC53645		MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD. OFFICE OF THE EXECUTIVE ENGINEER, SOLAPUR RURAL URJA NAGAR, MURARJI PETH, SOLAPUR-413001. email: eesolapur@gmail.com /website- www.mahadiscom.in
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Ref No.EE/SUR-R/T/

NO - 71621

Date:

2 DEC 2025

To,
The Project Director,
National Highways Authority of India.
Project Implementation Unit
Solapur.

Sub: Submission of proposal for laying of 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrigi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra.


Ref: 1) LOA No.CE/BMTZ/T-63_22-23/LOA/No.0912 Dt.29-02-2024.

Respected sir,

In connection to above subject, we are going to provide Proposal of 33 KV underground cable Crossing on Chennai Surat Highway at km 531/940, Near Maindrigi Village, Tal. Akkalkot by using pushing HDD method to give supply to our Feeders. New underground cable work under the supervision of MSEDCL authority for T-63 Borati AG Policy-2020 Scheme work.

Detailed sketched of the proposed work with MSEDCL sanction copy is also attached with this. Hence it is kindly requested to accord your approval to carry out the work.

Thanking you,


(Manishkumar Suryawanshi)
Executive Engineer (O&M)
MSEDCL, Solapur Rural Division

Enclosures:

1. Agreements.
2. Undertaking
3. Check List
4. License Copy
5. Crossing drawing
6. Undertaking Letter

श.रा.रा.प्रा. पकाई, सोलापूर

आवक क.

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दिनांक

03/12/2025

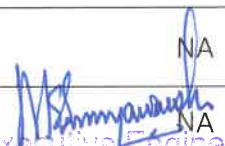
CHECK- LIST

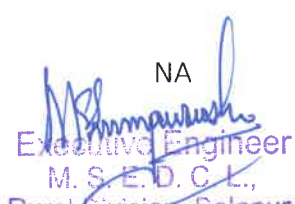
Check list for getting approval for Laying Electrical Cable Crossing National Highway

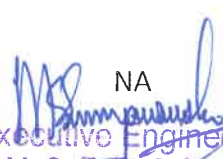
Relevant Circulars

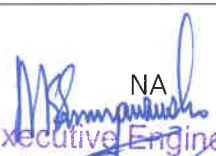
1) Ministry circular No. RW/NHA/33044/29/2015- S & R dated 22.11.2016

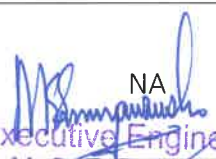
Sr no	Item	Information/ status
1	General Information	Sub: Submission laying of 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrigi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra.
1.1	Name and Address of the Applicant	Executive Engineer (O&M) MSEDCL, Solapur Rural Division
1.2	National Highway Number	
1.3	State	Maharashtra
1.4	Location	33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrigi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra.
1.5	Chainage in Km	Km 531/940
1.6	Length in Meters	Total Length is 60 Mx 2 Run = 120 M
1.7	Width of RoW	60 M
	a) Left side from Centre Center line towards increasing chainage/ Km direction	Demarcation done during Visit
	b) Right side from Center line towards increasing chainage / Km direction	Demarcation done during Visit
1.8	Proposal to layover Head 33Kv line.	NA
	a) Left side from Centre Center line towards increasing chainage/ Km direction	NA
	b) Right side from Center line towards increasing chainage/ Km direction	NA
1.9	Proposal to acquire land	NA
	a) Left side from Centre line	NA
	b) Right side from Center line	NA
1.10	whether proposal is in the same side where land is not to be acquired	NA
	If not then where to lay cable	Within NHA/ RoW
1.11	Details of already laid Services, if any, along the proposed route	NA
1.12	Number of lanes (2/4/6/8 lanes) existing	4 lanes with Paved Shoulder
1.13	Proposed Number of lanes (2 lane with paved shoulder/4/6/8 lanes)	NA
1.14	Service road existing or not	NA


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M. S. E. D. C. L.,
Rural Division, Solapur

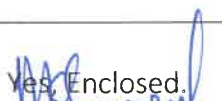
	If yes then which side	
	a) Left side from Centre line	Yes
	b) Right side from Center line	NA
1.15	Proposed service road	NA
	a) Left side from Centre line	NA
	b) Right side from Center line	NA
1.16	Whether proposal is to lay Overhead Electric line after the service road or between the service road and main carriageway	NA
1.17	The permission for laying UG cable shall be considered for approval/rejection	
	(i)Where the ROW is more than 45 m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening	NA
	(ii)Where the land is yet to be acquired for 4 laning & position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriage way where extra land is not proposed to be acquired for 4 lanning.	NA
	(iii) Where the widening plan for 4-lanning is not yet decided & available RoW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5m to 2m of utility corridor at the edge of existing RoW, duly keeping in view the future widening	NA
	(iv) Where the RoW is restricted and adequate only to accommodate the carriageway, central verge, shoulder and drains (e.g highways in cutting through hilly/rolling terrain) the cable shall be laid clear of the drain.	NA
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available RoW restricted to the toe of the embankment) for lying of cable/ducts, the permission may be refused.	<p>NA</p>  <p>Executive Engineer M. S. E. D. C. L., Rural Division, Solapur</p>

1.18	No. of applicants on the same stretch	1
1.19	Whether the case of multiple licenses	No
1.20	If so furnish a joint implementation programmer to lay their respective ducts within stipulated time frame.	NA
1.21	If crossing of the road involved If yes it shall only be through trench-less technology	Yes
	a) Existing drainage structures shall not be allowed to carry the lines.	Yes
	b) Is it on a line normal to NH	Yes
	c) Crossing shall not be too near the existing structure on the National Highway, the Minimum Distance being 15 meters. What is the distance from the existing structures?	Yes
	d) The casing pipe (or Conduit pipe in the case of electric cable) carrying the utility lines shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and large enough to permit ready withdrawal of the carrier pipe/cable	Yes
	e) Ends of the casing /conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	Yes
	f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes
	g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road	Yes
	h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Yes
	i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes
2	Document / Drawing enclosed with the proposal	Yes, Enclosed.
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deep X 0.5m wide) should not be greater than 1.2m in width in Multiple ducts	<p>NA</p>  <p>Executive Engineer M. S. E. D. C. L., Rural Division, Solapur</p>

2.2	Cross section showing the size of pit and location of cable for HDD method	Yes, Enclosed.
2.3	Strip plan/ Route plan Showing the electrical cable crossing chainage, width of RoW, distance of proposed cable from the edge of RoW, important mile stone, intersections, cross drainage works etc.	Yes, Enclosed.
2.4	Methodology for laying of OH Electrical Line/ UG cable	Yes, Enclosed
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench)	NA
	a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	NA
	b) For filling of the trench, bedding shall be to a depth of 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 edged should be excavated and replaced by selected material.	NA
	c) The Backfill shall be completed in two stages: (i) Side - fill to the level of the top of the pipe and (ii) Overfill to the bottom of the road crust	NA
	d) The side - fill shall consists of granular material laid in 15 cm layers each consolidated by mechanical tampering 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	NA
	e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip	NA  Executive Engineer M. S. E. D. C. L., Rural Division, Solapur

NA

Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

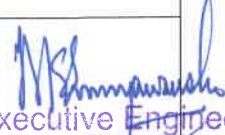
	at the trench.	
	f) The excavation shall be protected by flagman, Agreed signs and barricades, red lights during night hours.	NA
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	NA
2.4.2	Horizontal Direction Drilling (HDD) Method	Yes
2.4.3	Laying of OFC Cable through CD works and method of laying	NA
	a) On approaches, the water mains/cables shall be carried along a line as close to the edge of the right-of- way as possible up to a distance of 30 cm from the bridge and subject to all other stipulations contained in this ministry's guidelines issued with letter No. NH-HI/P/66/76. Dated :19-11-1976	NA
3	Draft license Agreement signed by Two witnesses	Yes
4	Performance Bank Guarantee in favor of NHAI has to be obtained @ Rs. 50/- per running meter (parallel to NH) and Rs. 1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring /making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50 m way from the edge of the right - of - way. No payment shall be payable by the NHAI to the license for clearing debris /loose earth.	BG shall be submitted as soon as permission obtained/ informed by NHAI
4.1	Performance BG as per above is to be obtained	BG shall be submitted as soon as permission obtained from NHAI
4.2	Confirmation of BG has been obtained as per NHAI guideline	Yes
5	Affidavit / Undertaking from the Applicant for the following is to be furnished	Yes, Enclosed.
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, Enclosed.


 Executive Engineer
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 Rural Division, Solapur

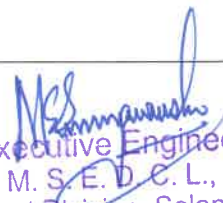
5.2	Renewal of Bank Guarantee	Yes, Enclosed.
5.3	Conforming all standard condition of NHAI's guideline	Yes, Enclosed.
5.4	Shifting of UG cable as and when required by NHAI at their own cost of agency owing the line	Yes, Enclosed.
5.5	Shifting due to 6 lanning / widening of NH	Yes enclosed
5.6	Indemnity against all damages and claims clause (Xxiv)	Yes enclosed
5.7	Traffic movement during laying of UG cable to be managed by the applicant	Yes
5.8	IF any claim is raised by the Concessionaires, then he same has to be paid by the applicant	Yes
5.9	Prior approval of NHAI shall be obtained before undertaking any work of installation shifting or repairs or alteration to the showing of 33KV UG cable 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 or shifting of the OFC cable will be borne by the agency owing the line	Yes
5.11	If NHAI considers it necessary in future to move the OH Electric 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 OFC within reasonable time (not exceeding 60 days of the intimation given)	Yes
5.12	Certificate from the applicant in the following format	Yes
	1) Laying the UG cable will not have any deleterious effects on any of bridge components & roadway safety for traffic	
	2) For -6 Lanning, "We do undertake that we will relocate service road/approach road/utilities at our own cost notwithstanding the permission granted within such time as well as stipulated by NHAI", for future 6-laning or any other development	


 Executive Engineer
 M. S. E. D. C. L.,
 Rural Division, Solapur

6	Who will Sign the agreement on behalf of UG cable agency	Executive, Engineer MSEDCL, Solapur Rural Division
7	Copy of DOT license	Govt of Maharashtra undertaking
8	Certificate from the project Director	To Be submitted by PD, PIU Solapur
8.1	Certificate for the confirming of all standard condition issued vide ministry circular no. Ministry circular No. NH- 41(58)/68 dated: 31/01/1969, Ministry Circular No. NH - III/P/66/76, dated: 18/19-11- 1976, Ministry Circular No. RW/NH- III/P/66/76 dated: 11-05-1982, Ministry Circular No. RW/NW- 11037/1/86-DOI (ii) dated : 28-07-1993, Ministry Circular No. RW/NH- 11037/1/86-DOI dated: 19-1-1995, Ministry Circular No. RW/NH- 34066/2/95/5 & R dated:25-10-1999 and Ministry Circular No.RW/NH- 34066/7/ 2007 S & R dated :17-09-2003	to be submitted by PD, PIU Solapur
8.2	Certificate for 6 Lanning from PD in the following format	NA
	<p>(i) "it is certified that any other location of the OFC Cable would be extremely difficult and unreasonable costly and the installation of OFC Cable within ROW will not adversely affects the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc."</p> <p>ii) For 6- Lanning: -</p> <p>a) Where feasibility is available "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."</p> <p>(b) In case feasibility report is not available "I do certify that sufficient RoW is available at site for accommodating proposed Six-Lanning</p>	
9	If NH section proposed to be taken by NHAI on BOT basis - a clause in Para 17 to be inserted in the agreement. "The permitted Highway on which	Agreed

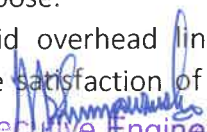

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 Rural Division, Solapur

	Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for upgradation Chennai-surat Highway and therefore, the licensee shall honor the same'	
10	who will supervise the work of laying of UG cable	Executive, Engineer MSEDCL, Solapur Rural Division
11	who will ensure that the defects in road portion after laying of UG cable are corrected	Executive, Engineer MSEDCL, Solapur Rural Division
12	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	Executive, Engineer MSEDCL, Solapur Rural Division
13	A Certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed)	to be submitted by PD, PIU Solapur
14	If any pervious approval is accorded for laying of cable, then Photocopy of register of records of permission accorded as maintained by PD, then copy be enclosed	NA


 Executive Engineer
 M. S. E. D. C. L.,
 Rural Division, Solapur

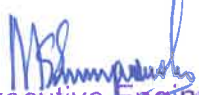
An agreement made this _____ year 2025 between President of India (herein after called the Government which expression shall be by or repugnant to the context include) of the one part and Executive Engineer O&M, MSEDCL Solapur R Division, herein after called "the licensee" / the licensee Which expression shall excluded by or repugnant to the context including sized licensees' successor / licensees' successors heirs' executors' administrations and assigns of other part.

- 2) WHEREAS THE. licensee has /licensee have applied to the Government for permission to Laying overhead lines and underground cables along the NH/and Government land with necessary provision for signs and markings on the boundary -----Highway more particularly described in the drawing attached hereto (hereinafter referred to as the said premises)
- 3) AND WHEREAS THE GOVERNMENT have agreed to grant such permission on the terms and conditions hereafter mentioned.
- 4) NOW this Agreement witnessed that in consideration of the terms and condition hereinafter contained and on the part of the licensee /licensee to be observed and performed the government hereby grants to be licensee, licensee permission to laying overhead lines & underground cables across NH65 and with necessary signs, and marking as per approved drawings attached subject to the following terms and conditions, namely:
 - i) That the licensee/licensee shall within three months from date of receipts of the permission, but without interfering in any way with the highway traffic, complete the laying of the overhead lines & underground cables across me and shall make provision for sings and markings at his own cost and the to the full satisfaction of the executive engineer/ division engineer in-charge /project director in-charge of the national highway according to the approved drawings and specifications. Until the executive engineer/ divisional engineer/ project director Government / NHAI shall give a completion certificate after satisfying himself that it has been complete as per the sanctioned drawings and specifications, the overhead lines& underground cables shall be commissioned/erected by the company only after completion certificate has been issued by the. Highway authorities,
 - ii) That on the completion of the said work, that part of overhead lines & underground cables which lies within the limits of government road land together with any tower pole etc. therein constructed shall become the absolute property of the Government subject to the rights of the licensee /licensees to use the same for their purpose.
 - iii) The licensee/licensee shall at his/ their own cost keep the said overhead lines& underground cables therein in proper repair and condition to the satisfaction of the


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

executive engineer /divisional engineer, government/ project director NHAI. The signs and markings to be kept at then respective locations and clean condition for visibility at all time.

- iv) That within six months of a notice duly given to the licensee /licensees in the behalf, the licenses shall at his /their own cost remove the overhead lines& underground cables or any other work done in connection therewith and restore the land to its original condition when required to do so by the government or by any person duly authorized on its behalf, the licensee /licensees shall not be entitled to any compensation on account of such removal and restoration.
- v) That this permission shall not be used for any purpose other than the purpose for which granted to the licensee/ licensees.
- vi) That the licensee/ licensees shall not, without the prior permission in writing, of the Executive Engineer/ Divisional Engineer, (Government/ Project) Director (NHAI) in any way extend or alter the said overhead lines& underground cables or Tower.
- vii) That the licensee/ licenses shall at all times permit any dully authorized officer or servant of the Government / NHAI to inspect the said overhead lines& underground cables and therein. He shall keep the said overhead lines& underground cables clear and shall not be entitled to close any right of way over or in respect of the same against Government, or any member of the public.
- viii) That the licensee/ licensees shall be liable for any loss or damage caused to the Government by overhead lines& underground cables or any other like cause due to the said Work.
- ix) That the permission granted by this license shall not in any way be dented to convey to the licensee/ licensees any right into or over or any interest in Government land other than that herein expressly.
- x) That in case the said overhead lines& underground cables is destroyed, this license shall determine and the licensee/ licensees shall not be entitled to claim any right to erect another overhead lines& underground cable in lieu of that so destroyed.
- xi) That during the subsistence of this license, the said, Overhead lines& underground cables shall be deemed to have been constructed only by the consent and permission of the Government so that the right of the licensee licensees to use the same shall not become absolute and indefeasible by lapse of time.


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

- xii) That, if the licensee fails/ licensees fail to execute any work which he has/ they have agreed under this agreement to the full satisfaction of the Executive Engineer / Divisional Engineer, /Government / Project Director, NHAI, the work shall be executed by the Executive Engineer/ Divisional Engineer/ Divisional Engineer/ GM/DGM at the cost a licensee/ licensees and the expenditure incurred shall be recoverable from the licensee as an area of land revenue without prejudice to other remedies which any be open to Government in this behalf.
- xiii) That the licensee/ licensees shall not sell, transfer or otherwise dispose of the premises without obtaining from the transferee a duly executed agreement with the Government embodying the terms and conditions herein before.
- xiv) That this Agreement shall remain in force for Twenty-five years from the date of execution in the instance and be terminable by a notice of 6 months and the permission may not be renewed after of the said period.
- xv) That the license hereby granted shall not be transferable.
- xvi) That the licensee/ licensees shall bear the cost of Stamp and attestation of this Agreement.
- 5) Situations given below would be treated as violations of the license deed agreement and the Government would be within its right to ask the concerned company to recover the overhead lines& underground cables s.
- i) Non- maintenance of marking, signs and other traffic control devices in good operating conditions (as specified in Para 4 (iii) during the period of license deed and not rectifying the short comings within the specified period as pointed out by Executive Engineer/ Divisional Engineer/ Divisional Engineer/ PD, NHAI, in charge of the National Highway section.
- ii) Non- compliance for revising the layout Overhead lines& underground cables / Lines as directed by Executive Engineer/ Divisional Engineer in charge / Field Unit (NHAI) of the National Highway Section in writing within specified period.
- 6) Not with standing anything contained in clause 4, this license can be cancelled at any time by the licensor through the Executive Engineer/ Divisional Engineer for breach of any of the terms and conditions of license and the licensee / licensees shall not be entitled to any compensation for loss caused to him/ them under this Agreement. The licensee / licenses shall at his /their own cost remove the Overhead lines& underground cables lying within the boundary of the Government land and restore the Government land to its original condition. In the event of licensee/ licensees refusing shall be done by


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

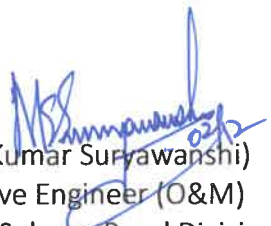
the Executive Engineer/ Divisional Engineer, at the cost of licensee / licensees and the expenditure incurred shall be recoverable from the license/ licensees as an arrear without prejudice to any other remedies which may be fixed by Government in this behalf.

- 7) This agreement may be executed in two counter parts, each of which when executed and delivered shall constitute an original of this Agreement.

IN WITNESS WHEREOF this agreement is executed in two parts by the parties here to on the first above mentioned.

Signed by (Name in full)

The License/ Licensee


(Manish Kumar Suryawanshi)
Executive Engineer (O&M)
MSEDCL, Solapur Rural Division


Signed by (Name in full)

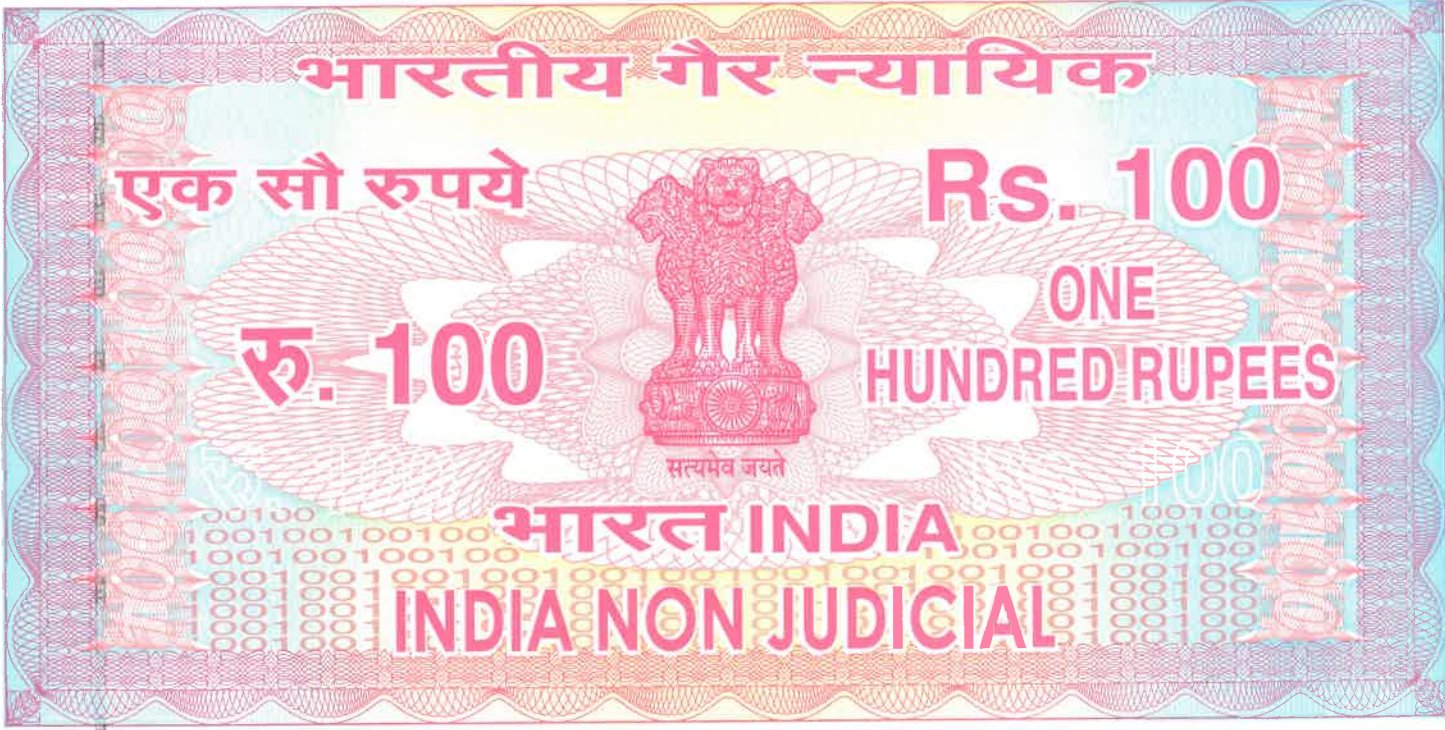
For and on behalf of the
President of India

In the presence of:

Name in full (signature) with Designation


Dy. Executive Engineer,
MSEDCL, Akkalkot 2 Sub div.


Assistant Engineer,
MSEDCL, Dudhani Section.



महाराष्ट्र MAHARASHTRA

2025

58AB 107103

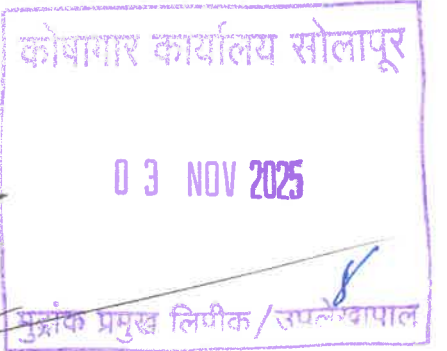
सोलापूर अनुक्रमांक....., दिनांक - 14 NOV 2025

श्री./सौ. स्वप्न श्रीरामजी दारो

यांनी रु..... चा जनरल स्टॅम्प मागितलेवरून हा

रु..... चा व भरतीस रु.....

चे जनरल स्टॅम्प दिले.



प्रताप सत्यवान सूर्यवंशी

शहर मुद्रांक विक्रेता-कोड नं. २५०१०४०

परवाना क्र. ५०, दि. ३०/६/१९९८

ऑफीस नं. ०९, लोखंडवाला कॉर्नर,

१४५, सिध्देश्वर पेठ, सोलापूर - २.

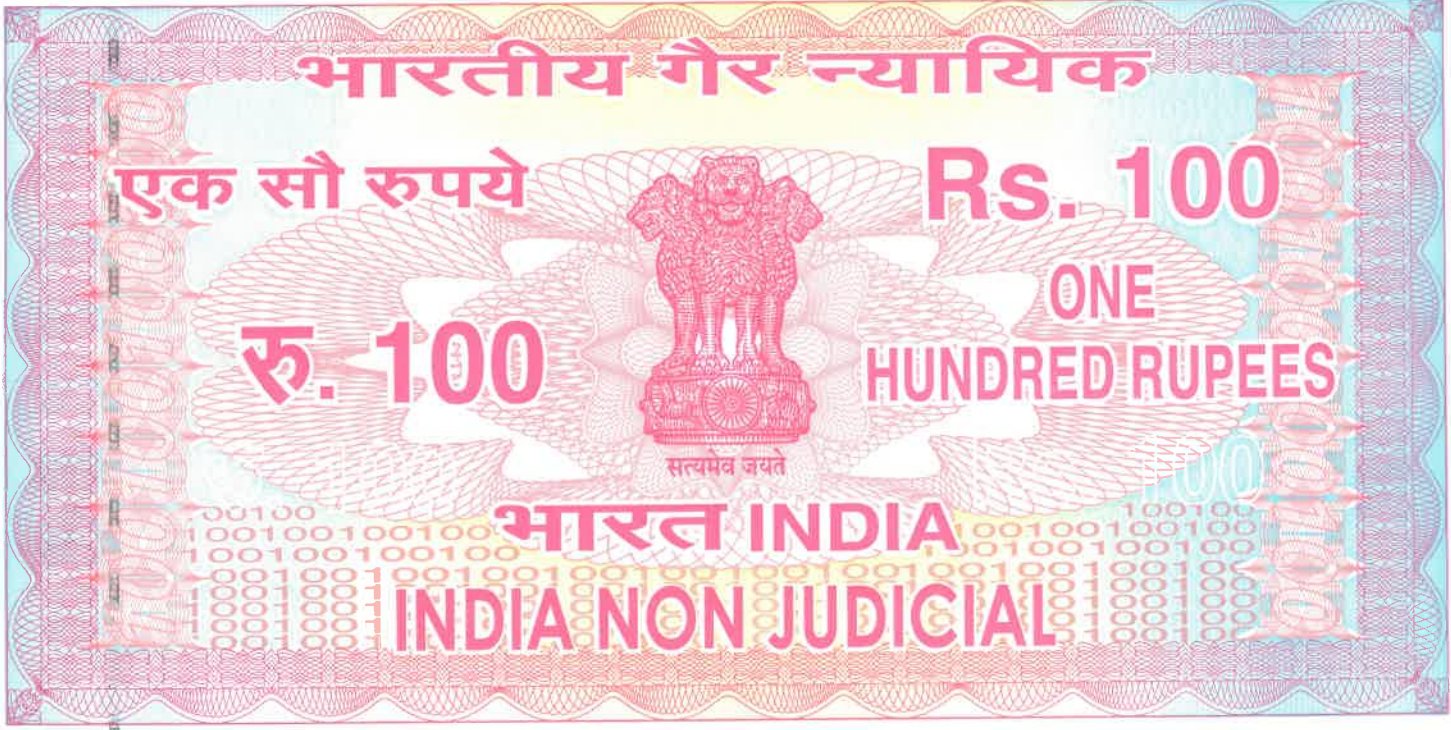
Annexure 5.1

UNDERTAKING

I, Executive Engineer (O&M) MSSEDCL, Solapur Rural Division office Solapur having its registered office at Juni Mill compound, Opp. Super Market Solapur-413002 here by do undertake in reference of our RoW application for 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrgi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra.

We will not damage other utility while laying power cable in case if it is damaged then the loss will be paid to NHAI or the concerned owning agency as per direction by NHAI.

(Manish Kumar Suryawanshi)
Executive Engineer (O&M)
MSSEDCL, Solapur Rural Division



महाराष्ट्र MAHARASHTRA

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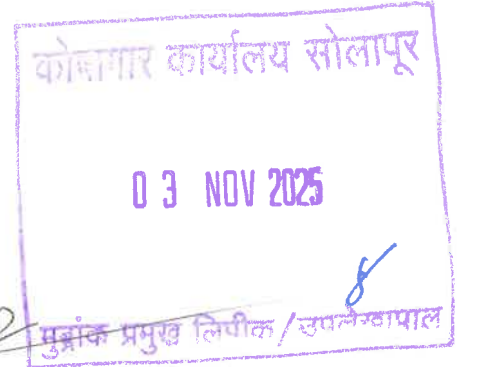
सोलापूर अनुक्रमांक १८९०, दिनांक -

श्री./सौ. सनिष् श्रीरामजी दारोहर

यांनी रु..... चा जनरल स्टॅम्प मागितलेवरून हा

रु..... चा व भरतीस रु.....

चे जनरल स्टॅम्प दिले.



प्रताप सत्यवान सूर्यवंशी

शहर मुद्रांक विक्रेता-कोड नं. २५०१०४०

परवाना क्र. ७०, दि. ३०/६/१९९८

ऑफीस नं. ०९, लोखंडवाला कॉर्नर,

१४५, सिध्देश्वर पेठ, सोलापूर - २.

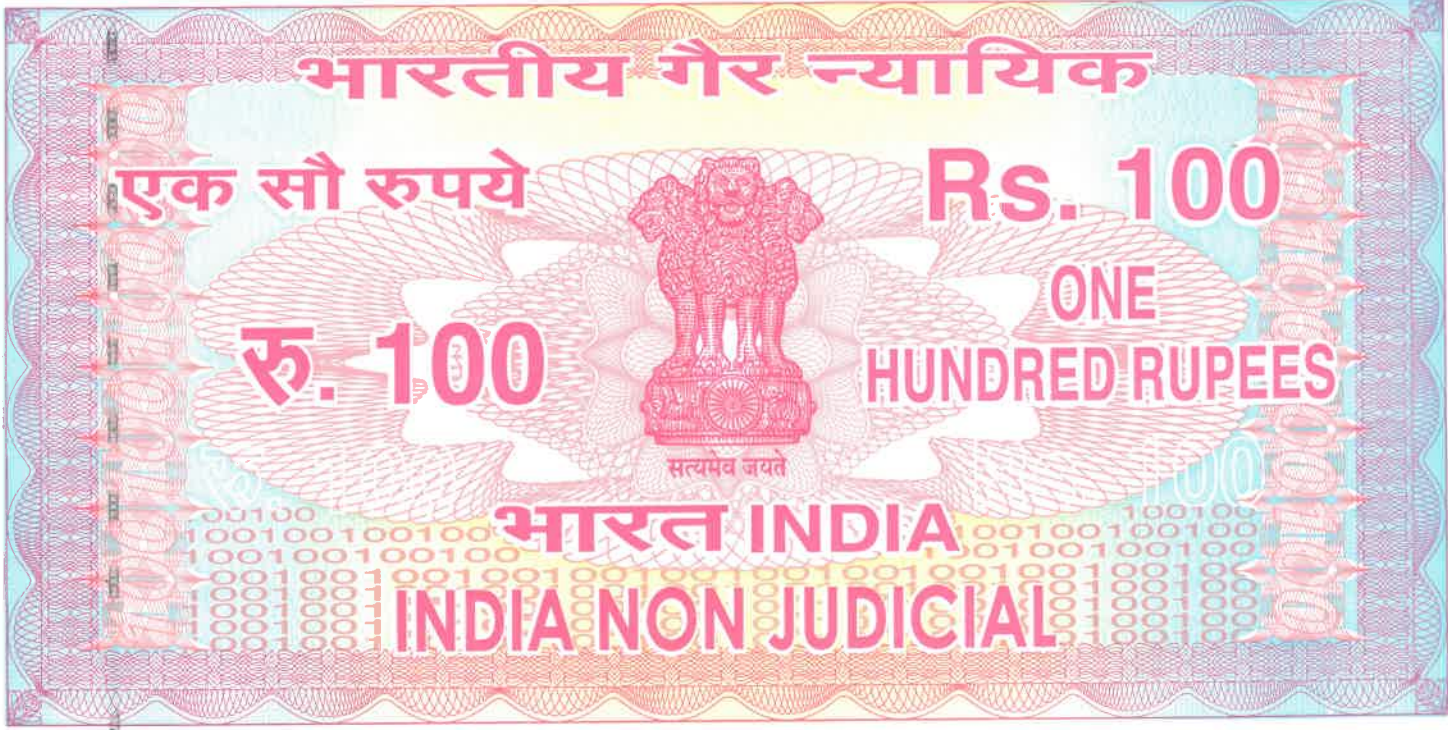
Annexure 5.4

UNDERTAKING

I, Executive Engineer (O&M) MSEDCL, Solapur Rural Division office Solapur having its registered office at Juni Mill compound, Opp. Super Market Solapur-413002 here by do Undertake in reference of our RoW application for 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrgi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra

We will shift our power cable at our own cost as an when required by NHAI Authority within such time as stipulated time by NHAI.

(Manishkumar Suryawanshi)
Executive Engineer (O&M)
MSEDCL, Solapur Rural Division



महाराष्ट्र MAHARASHTRA

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सोलापूर अनुक्रमांक २८८०२, दिनांक -

श्री./सौ. सचिन श्रीरामजी दाशेकर

यांनी रु. १०००० चा जनरल स्टॅम्प मागितलेवरून हा

रु. १०००० चा व भरतीस रु. १००००

चे जनरल स्टॅम्प दिले.

कोषागार कार्यालय सोलापूर

03 NOV 2025

मुद्रांक प्रमुख लिपिक/उपलब्धपाल

प्रताप सत्यवान सूर्यवंशी

शहर मुद्रांक विक्रेता-कोड नं. २५०१०४०

परवाना क्र. ७०, दि. ३०/६/१९९६

ऑफीस नं. ०९, लोखंडवाला कॉर्नर,


१४५, सिध्देश्वर पेठ, सोलापूर - २.

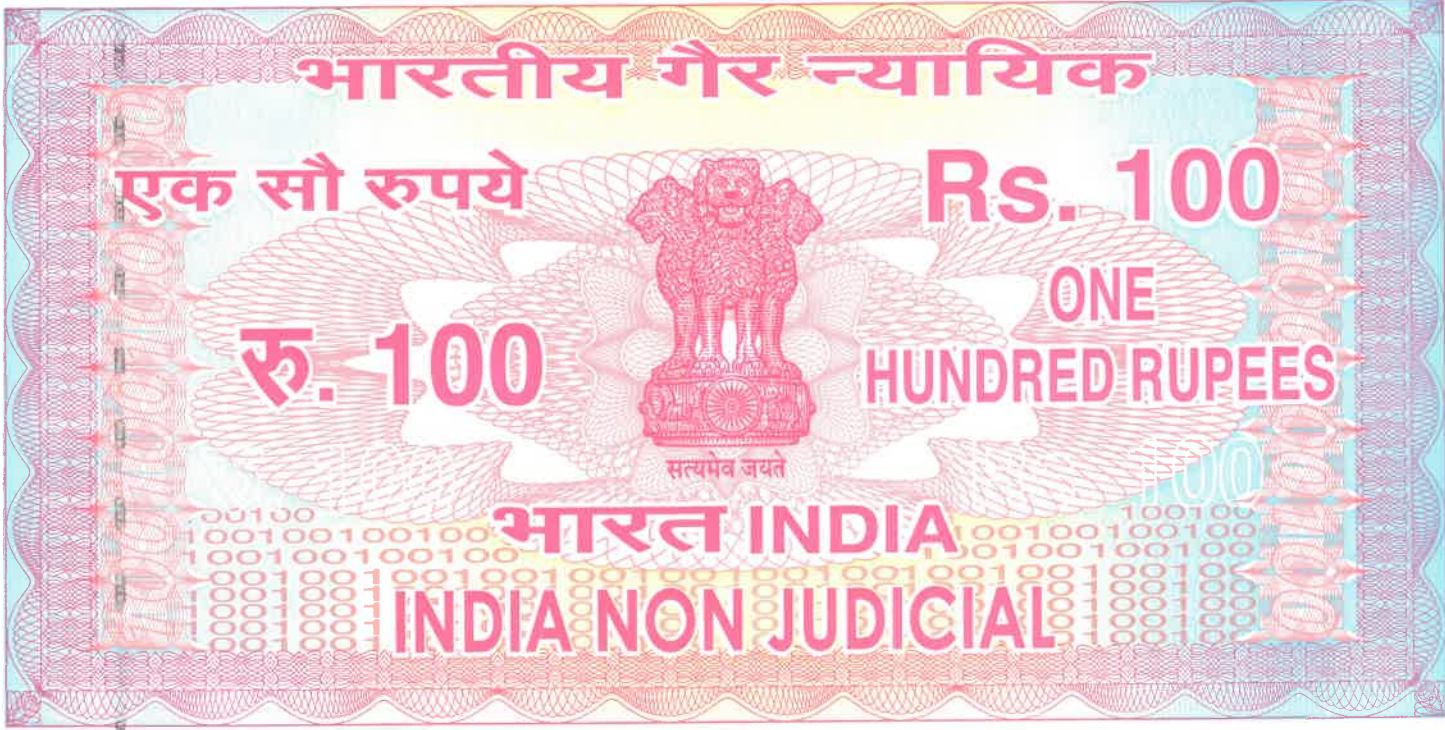
Annexure 5.5

UNDERTAKING

I, Executive Engineer (O&M) MSEDCL, Solapur Rural Division office Solapur having its registered office at Juni Mill compound, Opp. Super Market Solapur-413002 here by do undertake in reference of our RoW application for 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrgi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra

We will relocate power cable lines/utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI for further expansion.


(Manish Kumar Suryawanshi)
Executive Engineer (O&M)



महाराष्ट्र MAHARASHTRA

2025

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सोलापूर अनुक्रमांक - ३६४०१०, दिनांक - १४ NOV 2025

श्री./सौ. रमचि न श्रीरामजी दारो

यांनी रु..... चा जनरल स्टॅम्प मागितलेवरून हा

रु..... चा व भरतीस रु.....

चे जनरल स्टॅम्प दिले.



प्रताप सत्यवान सूर्यवंशी

शहर मुद्रांक विक्रेता-कोड नं. २५०१०४०

परवाना क्र.७०, दि. ३०/६/१९९८

ऑफीस नं. ६९, लोखंडवाला कॉर्नर,

१४५, सिध्देश्वर पेठ, सोलापूर - २.

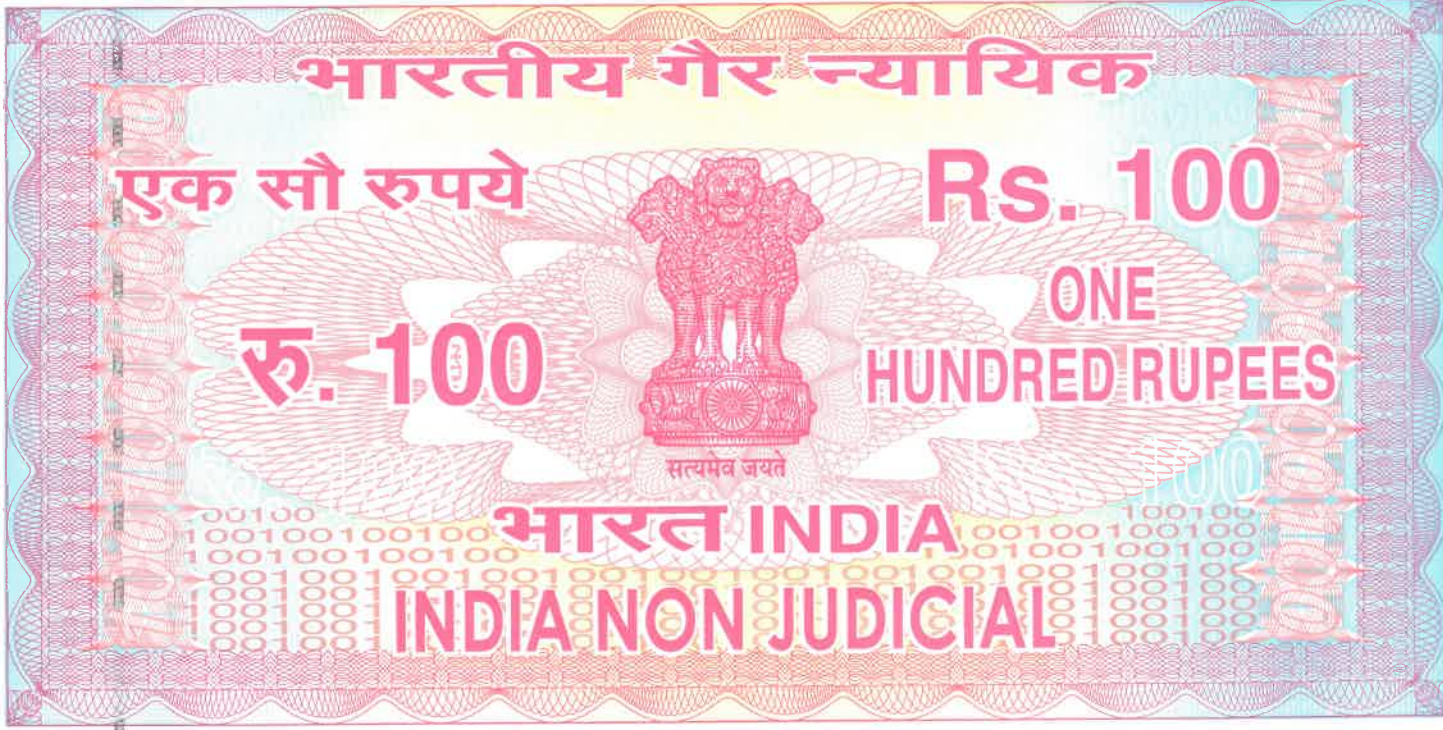
Annexure 5.9

UNDERTAKING

I, Executive Engineer (O&M) MSEDCL, Solapur Rural Division office Solapur having its registered office at Juni Mill compound, Opp. Super Market Solapur-413002 here by do undertake in reference of our RoW application for 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrgi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra

The proper approval of NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to showing power cable located in the ROW of National Highway NH65.

(Manishkumar Suryawanshi)
Executive Engineer (O&M)
MSEDCL, Solapur Rural Division



महाराष्ट्र MAHARASHTRA

2025

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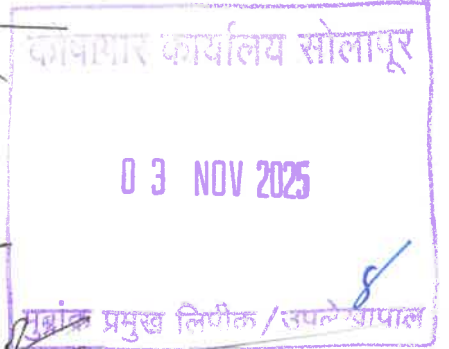
सोलापूर अनुक्रमांक १८३०८, दिनांक - ०४ NOV 2025

श्री./सौ. सचिन श्रीरामजी दोरोफर

यांनी रु..... चा जनरल स्टॅम्प मागितलेवरून हा

रु..... चा व भरतीस रु.....

चे जनरल स्टॅम्प दिले.



प्रताप सत्यवान सूर्यवंशी

शहर मुद्रांक विक्रेता-कोड नं. २५०१०४०

परवाना क्र. ७०, दि. ३०/६/१९९८

ऑफीस नं. ०९, लोखडवाला कार्नर,

१४५, सिध्देश्वर पेठ, सोलापूर - २.

Annexure 5.11

UNDERTAKING

I, Executive Engineer (O&M) MSEDCL, Solapur Rural Division office Solapur having its registered office at Juni Mill compound, Opp. Super Market Solapur-413002 here by do undertake in reference of our RoW application for 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrgi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra.

If NHAI is considered it is necessary in future to move the power cable for any work of improvement or repair to the road, it will be carried out as desired by NHAI at the cost of MSEDCL (Owing the Power Cable) with in stipulated reasonable time (Not exceeding 60days.) of the intimation given.

(ManishKumar Suryawanshi)
Executive Engineer (O&M)
MSEDCL, Solapur Rural Division

Agreement to lay Proposal for 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrgi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra

This agreement made this day of (Months) of (Year) between

Acting in his executive capacity through

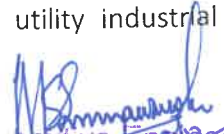
(Hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and Maharashtra state Distribution company Limited, a company registered under the companies Act, 1956 and having its registered office at Mumbai (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 development and maintenance of lands in 33 KV UG Cable Road crossing Chennai Surat Highway at km 531/940, Near Maindrgi Village, Tal. Akkalkot in District Solapur and the State of Maharashtra. Whereas the licensee proposes to lay electrical UG Cable.


And whereas the authority has agreed to grant such permission for way leave on the NG Ro was per terms and conditions hereinafter mentioned.

Now this agreement witnessed 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 the approved drawing attached hereto subject to the following conditions, namely.

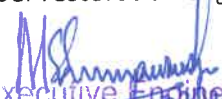
1. RoW permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway RoW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted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


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

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 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 MoRTH 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 NH65, 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 lise of the embankments and clear of the drain.
8. The licenses 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 on 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 to of the utility services shall be at least 0.6 metre below the ground level. However, any structure above ground shall be aesthetically provided for / landscaped with required safety measured 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 n 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.



Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/ conduit pipe contains 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 these 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 30cm. but not more than 60cms 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 30cm. 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.
 - b. The backfill shall be completed in two stages (i) side - fill to the level of the top of the HDD (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 works 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 meter / 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


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

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 meting good of the excavated trench/other restoration work, the authority shall have a right to made 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;
21. The licensee shall shift the utility services within 90 days (or as specified by the respective authority) form the date of issue of the notice by the concerned authority to shift/relocate the utility services. In as 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 representative in consolation with the authority as per predetermined time schedule and quality standards. In case of the licensee failing to discharge the obligation of



Executive Engineer
M. S. E. B. C. L.,
Rural Division, Solapur

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, 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
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 and / property, other than what is herein expressly granted. No use of NH65 RoW will be permitted for any purpose other than that specified in the Agreement.
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 there of shall not become absolute and indefeasible 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 laying of cables in the trench (with respect to the NH) and after complete restorations shall be submitted to the authority for verification and record within a month of completion of works.


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Rural Division, Solapur

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 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 AC 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 not 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 economies 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:
- A. Operation, repair and maintenance guidelines given by the manufactures.
 - B. The requirements of Law,
 - C. The physical conditions at the Site, and
 - D. 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 keep 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 with 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 up 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.


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

- 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.
- 43 For PPP projects, in case of any financial loss incurred by the respective project concessionaires 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 concessionaires. MoRTH/ NHAI/ implementation authorities for the project shall not be liable to the concessionaire in any way in this regard.

This agreement has been made in duplicate, each on a stamp paper, each party to this agreement has retained one stamped copy each.

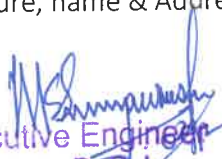
IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN. SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY BY Shri _____

(Signature, name & Address with stamp)

SIGNED ON BEHALF OF Maharashtra State Electricity Distribution Company Ltd.


BY

(Signature, name & Address with stamp)

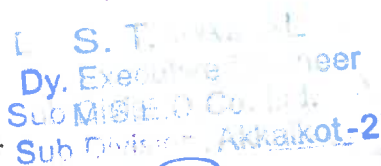

Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

IN THE PRESENCE OF (WITNESSES)

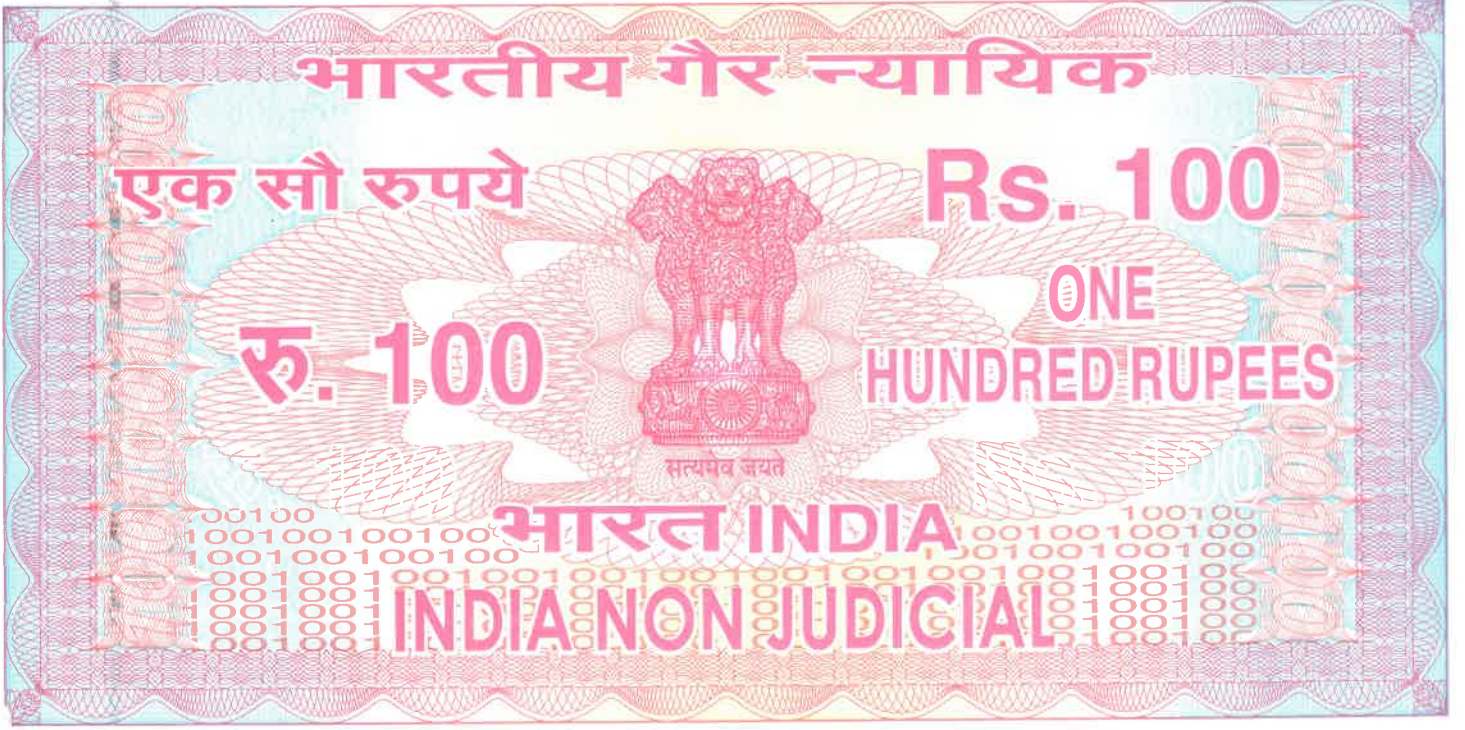
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29/11

2.


S. T. ...
Dy. Executive Engineer
Sub. Division ...
Sub Division, Akhikot-2


Assistant Engineer
MSDCL Section-Dudhani



महाराष्ट्र MAHARASHTRA

2024

16AB 084909

सोलापूर अ.क्र. २००९ दिनांक ९ JAN 2025
श्री. - विना ५ २१५ साठु २५
यांनी रुपये १००/- चा जनरल स्टॅम्प मागितलेवरून
हा रुपये १००/- चा स्टॅम्प दिला.

श्री. एम. एन. बल्ला

मुद्रांक विक्रेता, जिल्हा न्यायालय आवार, सोलापूर.
परवाना क्र. इ.एस.टी./१९९० कोड नं.- २५०१०३०

कोषागार कार्यालय सोलापूर

31 DEC 2024

मुद्रांक प्रमुख लिपीक/उपलेखापाल

UNDERTAKING CERTIFICATE

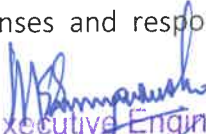
Subject: - Submission of proposal for Laying for 33 KV UG Cable Road crossing Chennai
Surat Highway at km 531/940, Near Maindrgi Village, Tal. Akkalkot in District Solapur and the
State of Maharashtra

Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

Page No. | 1

We hereby undertake, that if any necessary alteration Including complete removal shifting of the overhead lines /underground Cables and Tower poles crossing on the NH-65, Dist.- Solapur if so, required by Ministry for the development of National Highway of India. Interest of Safety in This Section at our own Cost.

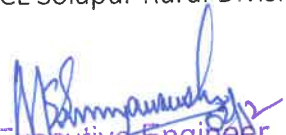
1. We hereby also undertake to pay the necessary rent for laying of overhead cable cross the National Highway whenever the national authorities ask rents in future.
2. We hereby undertake that is respect to part-1 and 2 are shall not violate any condition and that we would not enter into any litigation in any manner.
3. We also further undertake to ensure conformity as per the norms of National Highway.
4. We have understood the complete picture of four lane project of national highway No.65.
5. We understood that no laying of overhead line/underground cables or construction of tower poles shall be done till the permission is granted by the MoRTH New Delhi,
6. We declare that we will not display any advertisement / hoarding along the national highway no.65 without prior approval of the National Highway Authority.
7. We hereby undertake to bear the entire cost of construction & maintenance of laying of overhead lines/underground cables & tower poles and its signs as necessary and other traffic control devices at our own cost.
8. 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.
9. If in future, by-Maharashtra State Electricity distribution company Ltd, 33 kV UG cable by any reason, any accident or death caused, then only the Maharashtra State Electricity distribution company Ltd will be held responsible for it and the claims will be settled by Maharashtra State Electricity distribution company 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 Maharashtra State Electricity distribution company Ltd.
10. All legal matters in future regarding this work should be cleared by Maharashtra State Electricity distribution company Ltd on its own expenses and responsibility. P.W.D.


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

national highway authority of India department will not be responsible in any way for any legal matter.

11. The rules and regulation altered or updated time to time by state P.W.D. and national highway authority of India department will be obligatory for this work, we 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 Maharashtra State Electricity distribution company Ltd.
12. We 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 hereby undertake the responsibility that the overhead cable will be shifted in case it is requested at a later stage at our own cost.

For, MSEDCL Solapur Rural Division


Executive Engineer
Authorized Signatory
Rural Division, Solapur

METHOD STATEMENT OF LAYING OF 33kV UG CABLE

1. SCOPE:

The scope covers the design, laying & testing of 33kV U/G cable.

REFERENCE STANDARAD:

The U/G cable laying shall comply in all respects with the latest versions of IS/IEC given below with latest amendment if any.


Sr. No.	Standards	Description
1.	IS-1255	Code of practice for installation and maintenance of power cables up to & including 33kV rating.
2.	IS-7098	Cross linked Polyethylene insulated PVC Sheathed cable.


Trenchless Crossing: HDD METHOD

Horizontal Directional Drilling (HDD) is a technique for installing product pipes, including utility lines, below ground using a surface-mounted drill rig that launches and places a drill string at a shallow angle to the surface and has tracking and steering capabilities.

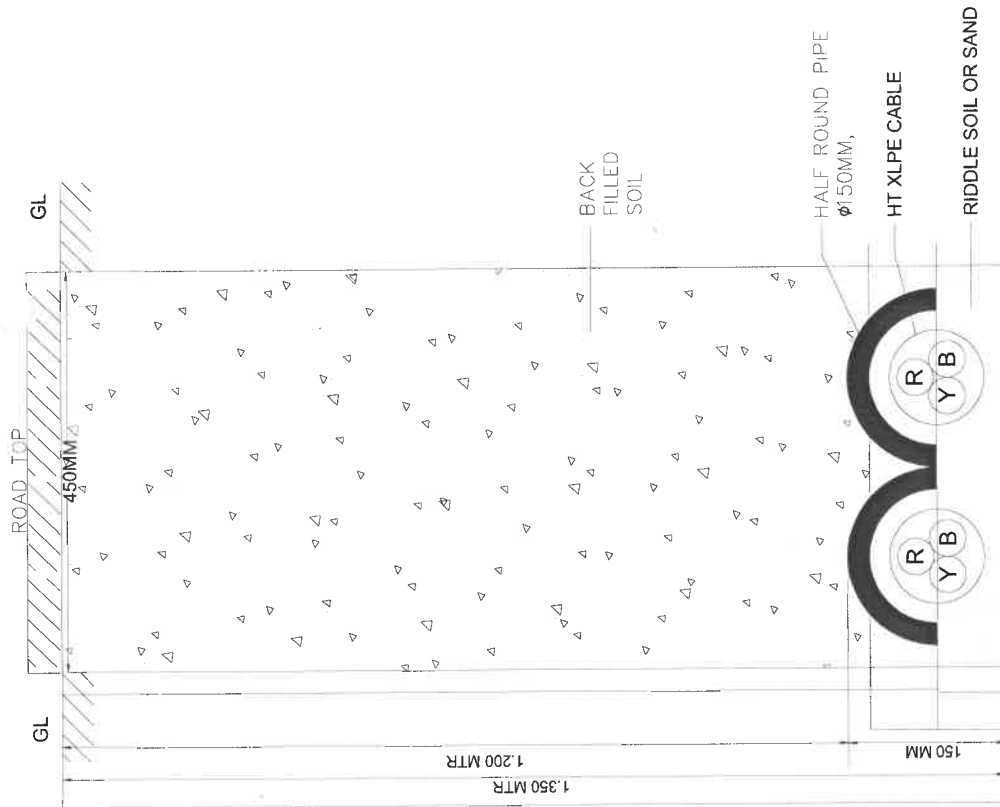
The dimension of the HDD trench will be 200 mm for single cable in width through of 200 mm HDPE pipe. After laying of HDPE pipe 3Cx300sq.mm. cable have laying as per the attached drawing.


Assistant Engineer
MSEDCL Section-Dudhani


2011
S. T. PADAL
Dy. Executive Engineer
M.S.E.D.Co. Ltd.
Sub Division, Akkalkot-2


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

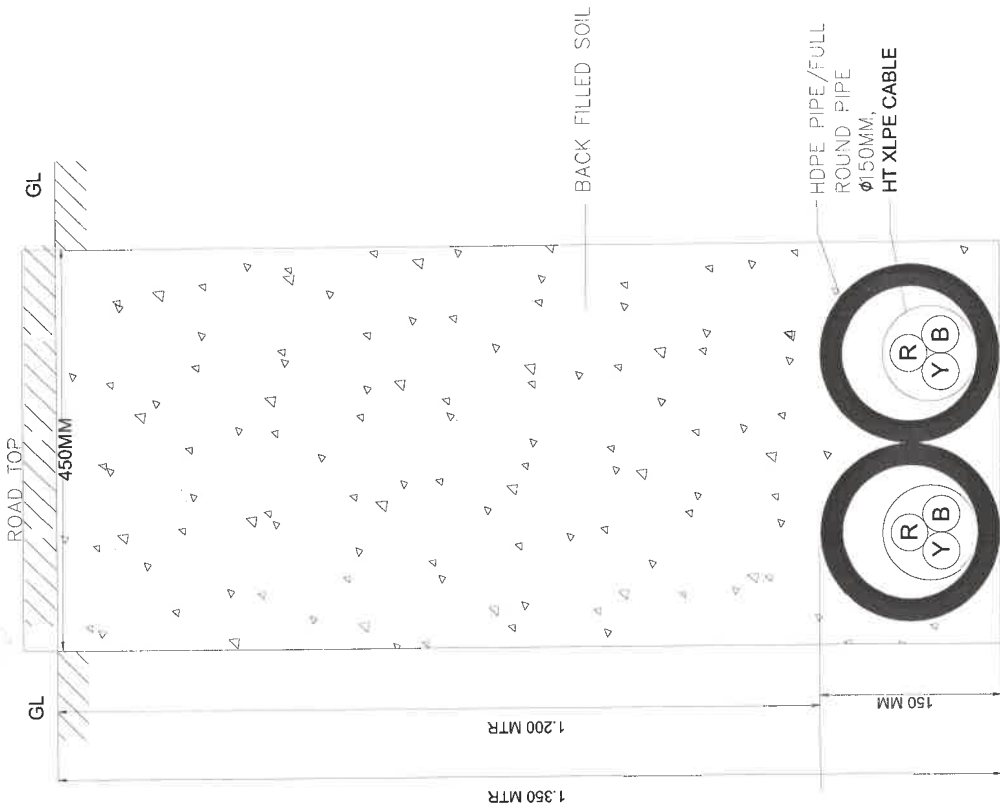
ALL INFORMATION CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL.
THESE IN ANY FORM IS TO BE DONE WITH THE SPECIFIED PERMISSION OF THE COMPANY.
ALL DIMENSIONS ARE IN mm & WEIGHTS ARE IN kg UNLESS OTHERWISE SPECIFIED.



TRENCH FOR LAYING
CABLE ALONG ROAD

Assistant Engineer
MSDCL Section-Dudhant

S. T. PADAL
Dy. Executive Engineer
M.S.E.D.Co. Ltd.
Sub Division, Akkalkot-2



TRENCH FOR LAYING CABLE
AT ROAD CROSSING
H.D.D.BORING

Executive Engineer
M S E D C L
MAHAVITRAN
Maharashtra State Electricity Supply Company Limited.

LOA NO : - CE-BMTZ/T-63/22-23/0912 DT.29.02.2024
TITLE: -- CONSTRUCTION DRAWING OF TRENCH FOR LAYING HT XLPE
UNDERGROUND COMPOSITE CABLES.

DATE _____

MVS	
DRAWN	DESIGN
	CHKD

DESCRIPTION

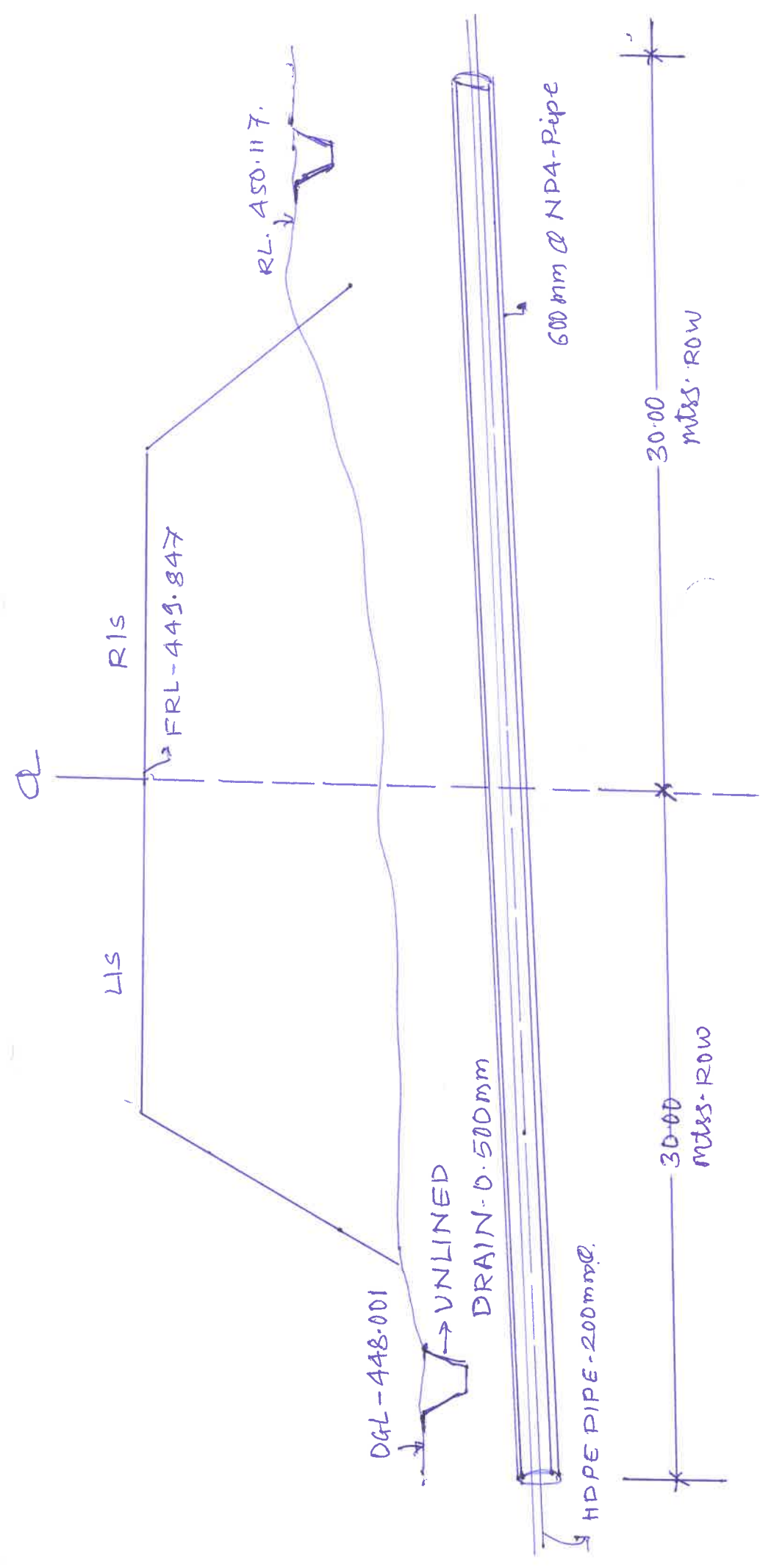
REV

DRG NO: - ACF/001

SCALE: -

SHT: - 1 00
REV: - 00

ELECTRICAL PIPE CABLE CROSSING CH-534940




28/11/11
S. T. PADAL
Dy. Executive Engineer
M.S.E.D.Co. Ltd.
Sub Division, Akkalkot-2


Assistant Engineer
MSEDCL Section-Dudhani


Executive Engineer
M. S. E. D. C. L.,
Rural Division, Solapur

