



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और 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 : प्लॉट नं. ई-२, जय जलाराम नगर, शिवदारे कॉलेजच्या मागे, जुळे सोलापूर, सोलापूर-४१३००४ (महाराष्ट्र)

Office : Plot No. E- 2, Jai Jalaram Nagar, Behind Shivdare College, Jule Solapur, Solapur - 413 004. Tel/Fax - 0217 2303379

ई-मेल /Email : solapur@nhai.org; piusolapur@gmail.com * वेब /Web : https://nhai.gov.in



No. : NHAI/PIU/SLP/Bor-Wat/NH-166/Gen.(Tech.)/2024/5870

Date: 20/03/2024.

INVITATION OF PUBLIC COMMENTS

Sub: Four laning of Borgaon - Watambare section of NH-166 from Ch. 224/000 to Km. 276/000 in the state of Maharashtra on HAM - Proposal for permission of National Highway crossing of 765 kv D/C Narendra New (GIS) - Pune (GIS) transmission line (317.771 KM) on NH-166 in the state of Maharashtra - Reg.

Ref.: Authorized Signatory, WRSR Power Transmission Ltd. letter no.115 dated 24.11.2023.

Sir,

1. Authorized Signatory, WRSR Power Transmission Ltd. has submitted proposal for permission of National Highway crossing of 765 kv D/C Narendra New (GIS) - Pune (GIS) transmission line (317.771 KM) on NH-166 in the state of Maharashtra vide ref. at (i) above.
2. As per the guidelines, issued by the Ministry vide OM No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).
3. In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach to this office within 30 days from the date of publication beyond which no comments shall be entertained.

The DGM (Tech.) & Project Director,
National Highways Authority of India
Project Implementation Unit, Solapur
Plot No. E-2, Jalaram Nagar, Solapur,
Maharashtra, Pin - 413004.

धन्यवाद!

भवदीय,

A. S. G. 20/03

उपमहाप्रबंधक (तकनीकी) तथा परियोजना निदेशक,

भा.रा.रा.प्रा. प.का.ई, सोलापूर करीता

संलग्न :-उपरोक्त.

Copy to:-

- i. CGM (Tech) RO Mumbai - for information please.
- ii. IE, M/s. Dhruv Consultancy Services Ltd. Sangola - for information.
- iii. Concessionaire, M/s. DBL, BWHPL - for information.
- iv. Authorized Signatory, WRSR Power Transmission Ltd. - for information.
- v. Master file.

WRSR POWER TRANSMISSION LIMITED

Site Office: Ground and 1st floor, APG No. 257/1A/2/B/2/B/58, Behind Mauli Shopee, Sangole, District-

Solapur, Maharashtra-413307

CIN: U40105DL2022GOI40498

Email ID: wrsrpower123@gmail.com

Ref: WRSR/NHAI/PKG2/2023-24/115

Date: 24th Nov'23

To,
The Project Director
E/2, Dwarkadhish Temple,
Jule Solapur
Jay Jalaram Nagar,
Solapur, Maharashtra
413004

Subject: Approval of National Highway Crossing proposal of 765 KV D/C Narendra a New (GIS)-Pune (GIS) Transmission line (317.771 KM)

Dear Sir,

We WRSR Power Transmission limited are developing a transmission system in the state of Maharashtra and Karnataka under the scheme "Development and Operation of inter State Transmission System for Transmission of Electricity for ISTS Network Expansion Scheme in Western & Southern Region for export of Surplus power During high RE Scenario in Southern Region ". The project was initiated by Central Transmission Utility of India Limited in coordination with REC power developed is from Narendra New (GIS) -Pune (GIS) 765 KV D/C line with 1x330b MVAR switchable line reactor (SLR) on each ckt at both ends.

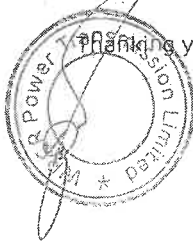
With reference to the subject matter cited above we are herewith submitting the power line crossing proposal of 765 KV D/C Narendra New (GIS) -Pune (GIS) Transmission line (317.77 KM). Below mentioned lines of MSEB have to be crossed.

SR. NO	LINE NAME (WRSR)	TOWER NO	VILLAGE	National Highway Details	Chainage
1	765KV DC Narendra New (GIS) -Pune (GIS) Transmission Line(317.77km)	54/0(2LB-3)- 55/0(2LB-3)	JUNONI	NH-166 Solapur-Sangli Highway	585-586 260-261

In view of the above we would request your good office to please verify and accord the approval for the same for enabling us to proceed further towards execution of transmission line.

Looking forward to your guidance and support towards execution of this project in the specified timeline.

Thanking you and assuring our best services at all the times.



WRSR POWER TRANSMISSION LIMITED
Registered Office: C 105, Anand Niketan, New Delhi - 110 021, India



WRSR POWER TRANSMISSION LIMITED

Site Office: Ground and 1st floor, APG No. 257/1A/2/B/2/B/58, Behind Mauli Shoppe, Sangole, District-

Solapur, Maharashtra-413307

CIN: U40105DL2022GOI40498

Email ID: wrsrpower123@gmail.com

For WRSR Power Transmission Limited



Shri. Prakash Singh
Authorized Signatory

Enclosed: Annexure I Checklist

Annexure II Profile Drawing

Annexure III Tower schedule

Annexure IV SLD of Highway Crossing Chainage KM ^{260 261}~~585~~-KM ~~586~~

WRSR POWER TRANSMISSION LIMITED

Registered Office: C 105, Anand Niketan, New Delhi – 110 021, India

WR-SR POWER TRANSMISSION LIMITED PKG-2

NATIONAL HIGHWAY AUTHORITY OF INDIA

PROPOSAL FOR NH-166 CROSSING OF

765 KV D/C NARENDRA NEW(GIS)-PUNE(GIS) TRANSMISSION LINE

In Between Solapur & Sangli

AT

Location No- AP-54/0 (2LB-3) and AP-55/0(2LB-3)

WR-SR POWER TRASMISSION LIMITED PKG-2

Solapur-Sangli National Highway-166 crossing at village for construction of 765 KV D/C

Narendra New(GIS)-Pune(GIS) transmission line between Angle Tower No.- AP-54/0 (2LB+-3), & AP-55/0 (2LB-3)

Name of Transmission Line: 765 KV D/C Narendra New(GIS)-Pune(GIS) transmission line

1.	Situation of the EHV transmission line crossing on National Highway.	On Solapur-Sangli National Highway (NH-166) near village Junoni.
2.	Angle of crossing of the transmission line with the National Highway at crossing point	87°00' 00"
3.	The length of the span at the crossing and also those on either side of the crossing	A) Crossing span: - 260 Mtr. B) Preceding span: - 361 Mtr. C) Succeeding span: - 312.00Mtr.
4.	In the event of the transmission line deviating at any of the supports of the crossing necessitating one of the structures to be a corner structure, state angle of such deviation the deviation of the span on either side of crossing shall be illustrated in the sketch mentioned in the clause 2 above.	Angle Tower Location No. AP-54/0 (2LB-3) 3°03'39"LT AP-55/0 (2LB-3) 6°08'45"RT
5.	The number, size and the material of the conductors and wires crossing the NH each wire under phase, neutral each, guard, bearer and ground cross wire should be separately described and their disposition indicated by means of sketch.	A) Hexa AL59 Zebra Conductor Dia 27.72 mm, No. of Conductor - 36 Nos. Unit Weight 1.254 Kg/m, Ultimate Strength 11012.5 kg. B) Aluminum - 61/3.18 mm C) OPGW - 48B1-80
6.	System of supply (i.e. Voltage) frequency, No. of phases, whether neutral is earthed or not.	765 KV, 6 Phase double Circuit with 1 OPGW wire, 1 Earth Wire.
7.	Height of structure above ground and below ground separately and details of foundation.	A) Angle Tower Location No. 54/0 (2LB-3) height above GL 67.14Mtr., depth below GL 3.5 Mtr. B) Angle Tower Location No.55/0 (2LB-3) height above GL 67.14Mtr., depth below GL 3.5 Mtr.

8	Clearance under maximum sag condition between road level and the lowest live conductors & between road level	At Road = 20.8 Mtr
9	Approximate distance of each of the structures to the nearest NH Boundary (marked by pillars/ Fencing) measured along the alignment of the transmission line.	Angle Tower Location No.
		AP-54/0 (2LB-3) = 95.55 Mtr.
		Angle Tower Location No. AP-55/0 (2LB-3) = 107.10 Mtr.
9	Are the proposed structure is in NH boundary.	Outside NH boundary.
10	Are approved ant climbing devices and warning notices provided on the structures erected	Anticlimbing devices & Warning boards are provided on both the Towers.
11	State the tensile strength and dimension of the steel used for construction of each member of the supporting structures. It is to be noted that supporting structure must be of approved design confirming with I.S.I code of practice for use of structural steel in general building construction (IS 800 1965).	Tested steel quality Lattice steel structure made of mild steel and high tensile steel in confirm with I.S. 2062:2011 grade E250/E350 with yield strength up to 350 Mpa.
12	In each structure of the crossing span independently earthed by means of an earth plate.	Yes, each structure is earthed with proper earthling arrangement and as per requirement.
13	If no guard is provided, in the transmission line protected by device to ensure instantaneous isolation is conduction?	Yes, the transmission line is protected instantaneously by high speed protection relays with carrier equipment.
14	Type of insulators used.	Long rod Polymer Insulator of light weight = 210 KN.
15	To reduce the hazard to life and property.	Warning boards are provided.
16	Supporting structure including guys, from the danger of being struck by moving road vehicle.	Structures are at safe distance from road.

765 KV DC WRSR Power Transmission Limited (Narendra – Pune Transmission Line)

CHECK LIST

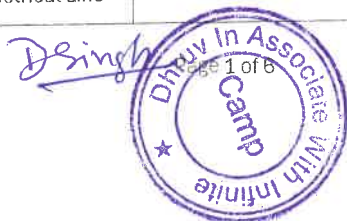
Guidelines for Project Directors for processing the proposal of laying over Head Electrical Line Crossing National Highway Vested With NHAI

Relevant Circulars/Codes: -

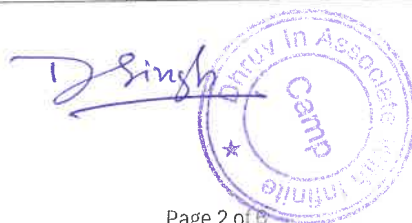
1. Ministry of Road & Transport & Highway Letter No 33044/29/2015/S&R(R) Dated 22-11-2016.
2. Ministry Circular No. NH-III/P/20/77 Dated 08-04-1982.
3. Indian Electricity Act- 1910
4. Indian Electricity Rules – 1956
5. IRC:32- 1969
6. IS:5613-1976 Part-I to IV

Check list for laying U/C 765KV DC WRSRPTL(Western Region South Region Power Transmission Limited)Narendra (New GIS) to Pune (GIS) Transmission Line for Over Head crossing in Solapur-Sangli National Highway-166

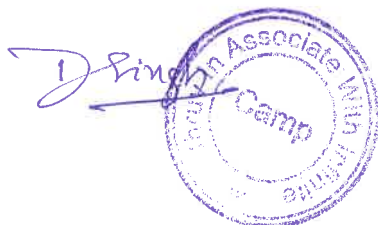
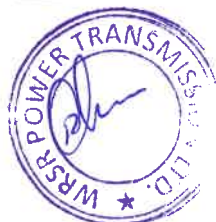
SR No.	Item	Information/Status	Remarks
1	General Information		
	Name and address of the applicant with Full Address	WRSR Power Transmission Limited,APG No.257/1/A/2/B/58,behind Mauli Shop,Sangola,Dist-Solapur, MH , Pin-413307	
1.2	National Highway Number	NH-166 Between chainage KM260-KM261 (The Center Line is crossing exactly at chainage KM 260+566)	
1.3	State	Maharashtra	
1.4	Location	Near Junoni Village, Dist-Solapur	
1.5	Name of the Line	U/C WRSR 765KV DC Narendra(New GIS) To Pune(GIS) Transmission Line	
1.6	Chain-age in KM	Between chainage KM260-KM261 (The Center Line is crossing exactly at chainage KM 260+566)	
1.7	Length in Meter (NH Crossing Span Of Tower Line)	260Mtrs	As per guideline NH X- ing span should be < 250M
1.8	Width of available ROW (765 KV)	67.0Mtrs	As per Electricity ACT-2003
	a) Left side from center line towards increasing chain-age/Km direction.	33.5Mtrs	
	b) Right side from center line towards increasing chain-age/Km direction.	33.5Mtrs	
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-166 (Crossing exactly at chainage KM 260+566)	
1.10	Proposal to acquire land		
	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	Land acquisition is not involved.	
	b) Crossing the National Highway	Yes,the overhead electrical towers are to be laid both side in the agricultureral field away from the NH boundary.	
	If not then where to lay the overhead Electrical Line		



Check list for laying U/C 765KV DC WRSRPTL(Western Region South Region Power Transmission Limited)Narendra (New GIS) to Pune (GIS) Transmission Line for Over Head crossing in Solapur-Sangli National Highway-166			
SR No.	Item	Information/Status	Remarks
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.	
	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 ceter 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.	Overhead crossing of the National Highways 166.	
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- 87° 00'00" Length of Crossing Span-260 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 begin 15 meter. i)Type of Existing / Proposed structure for National Highways. ii)What is the distance of tower , pole and tension tower from the existing/proposed structure of National Highway.	Distance is more than 15 mtrs as mentioned below Tension towers, Tower type 2LB-3 on one side and 2LB-3 on the other side of NH. Tower No. AP 54(2LB-3) is 111.2M from the edge of existing NH and Tower No. AP 55(2LB-3) is 127.29M from the edge of other side of NH and the total width of the NH is 22M .	
	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.AP 54(2LB-3) is 111.2M and Tower No. AP 55(2LB-3) is 127.29M from Extreme Road Boundary of NH-166.	
	d) The overhead line 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 towers are far away from the nearest line of avenue trees.	

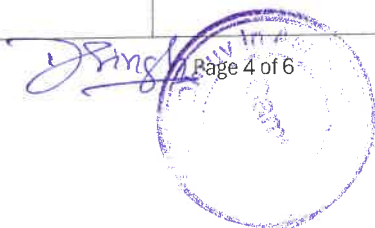


Check list for laying U/C 765KV DC WRSRPTL(Western Region South Region Power Transmission Limited)Narendra (New GIS) to Pune (GIS) Transmission Line for Over Head crossing in Solapur-Sangli National Highway-166			
SR No.	Item	Information/Status	Remarks
	e) In Mountainous / hilly terrain the overhead 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 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 varied depending upon the voltage transmitted and these are stipulated in Indian Standard Codes is 5613-1076 part I to IV and Indian Electricity Rules 1956 as under.		As per the Indian Electricity Act - 2003 and latest Guidelines from CEA the minimum clearance of 765 KV Double Circuit Line From NH center shall be 15.50 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 exceeding 650 volts -6500 mm	N/A	
	220 KV - 7015 MM	N/A	
	400 KV - 8840 MM	N/A	
	765 KV - 15500 MM	The vertical clearance between top surface of existing National Highway and lowest point of the conductor at maximum possible sag is 20.80 Mtrs	
	800 KV - 15500 MM	N/A	



**Check list for laying U/C 765KV DC WRSRPTL(Western Region South Region Power Transmission Limited)Narendra (New GIS) to Pune (GIS)
Transmission Line for Over Head crossing in Solapur-Sangli National Highway-166**

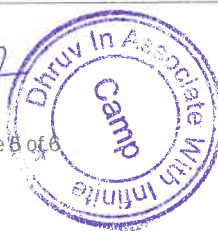
SR No.	Item	Information/Status	Remarks
	Note: These are minimum requirement where ever local authority requirement is higher, the same shall be provided. In case of HT line, road crossing, the ground clearance at the road under maximum temperature and in still air shall be such that even with conductor 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 765KV, Clearance under maximum sag condition between lowest conductor of the proposed line and existing National Highway is 20.80 Mtrs	
2	Documents/drawings enclosed with the proposal.	YES	
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 location of cable for HDD method	NA, as the crossing is overhead	
2.3	Strip/ Route plan showing overhead power transmission line change, width of ROW, distance of proposed cable form the edge of ROW. Important mile stone, intersections,	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	N/A	
2.4.2	Horizontal Direction Drilling method	N/A	
3	Draft License agreement signed by two witnesses	YES	
4	Performance Bank guarantee in Favor of NHAI ahs 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 are, 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 play the losses either to NHAI or to the concern agency.	YES	
5.2	Undertaking for renewal of Bank Guarantee if required.	N/A	
5.3	Confirming all standard conditions as laid down in Ministry Circular No: NH _II/P/20dated 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	



Check list for laying U/C 765KV DC WRSRPTL(Western Region South Region Power Transmission Limited)Narendra (New GIS) to Pune (GIS) Transmission Line for Over Head crossing in Solapur-Sangli National Highway-166			
SR No.	Item	Information/Status	Remarks
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 required due to 4/6 lining/widening of National Highway.	YES	
5.6	Indemnity against all damages and claims what so ever king 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 consider 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:		
6.1	Certificate confirming that the proposal has been examined with respect to the structures and developmental work work considered at this location and compliance of all standard condition issued vide ministry Circular No: NH - III/P20/77 dated 09-04-1982, 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		

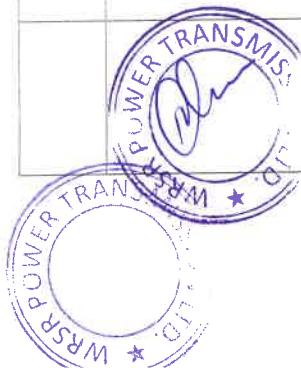


D Singh



**Check list for laying U/C 765KV DC WRSRPTL(Western Region South Region Power Transmission Limited)Narendra (New GIS) to Pune (GIS)
Transmission Line for Over Head crossing in Solapur-Sangli National Highway-166**

SR No.	Item	Information/Status	Remarks
	i) "It is certified that any other location of the Electric line within 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 not 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 do certify that there will be no hindrance to proposed six lanning based on the feasibility report considering proposed structure at the said location".	To be provided NHAI	
	b) In case feasibility report is not available "I Do certify that sufficient ROW is available at site for accommodation proposed six lanning".	To be provided NHAI	
	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 concession agreement for up-gradation of.(Km 260 to Km 261, Crossing exactly at chainage KM 260+566), NH No:(NH:166) 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 WRSRPTL	
9	Who will sign the agreement on behalf of overhead electrical line agency.	Project Manager (Authorized Signatory) from WRSRPTL	
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 WRSRPTL	
11	Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the concessionaire.	Project Manager (Authorized Signatory) from WRSRPTL	
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	
	For WRSR Power Transmission Limited	For National Highway Authority of India-Solapur (Maharashtra)	



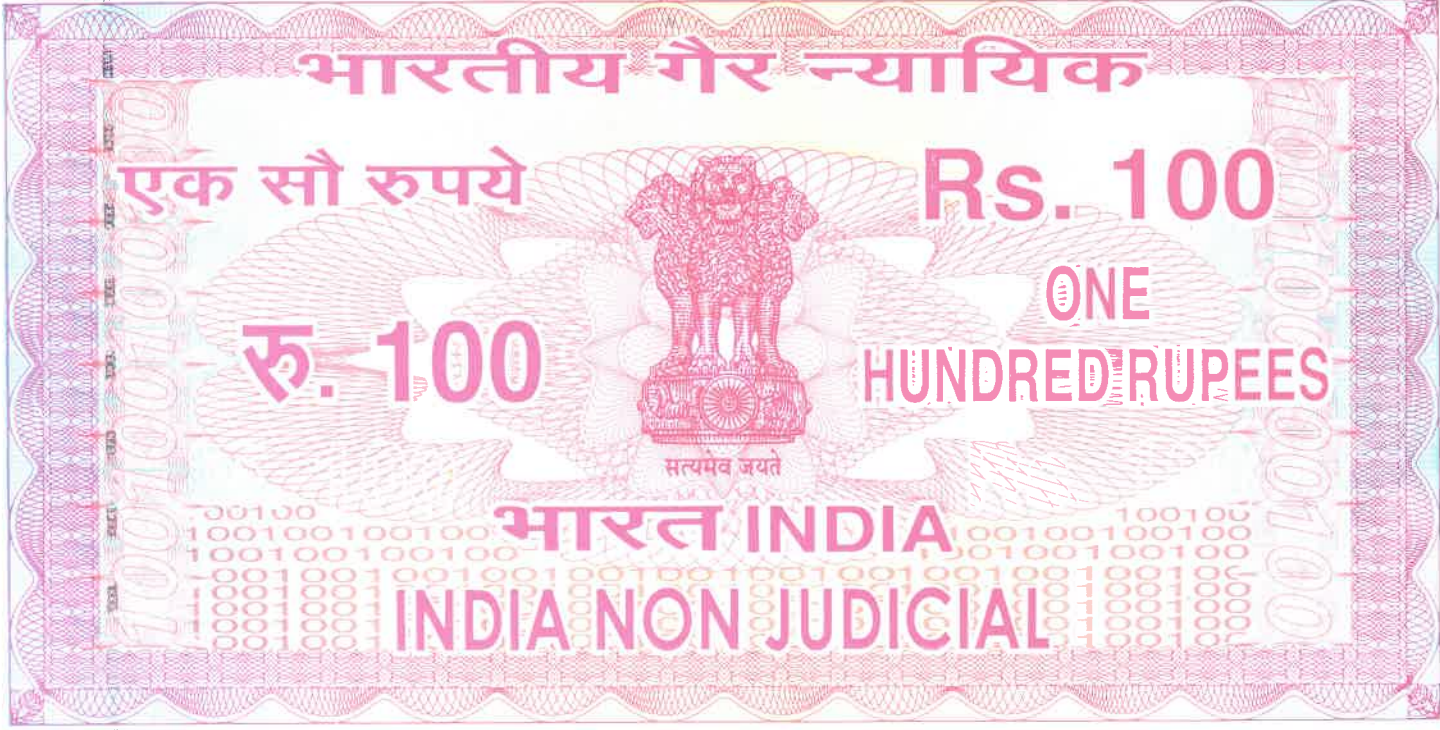
D Singh Page 6 of 6



We **M/s WRSR Power Transmission Limited**, Ground & 1st Floor, Behind Mauli Shopee, Sangola, Solapur, Maharashtra – 413307 do hereby undertake that in connection with laying of **765kV DC Narendra New (GIS) to Pune (GIS) transmission line (317.77KM)** across the National Highway NH 166 crossing between Chainage **KM 260 – KM 261**, crossing exactly at chainage **KM 260+566** near Junoni Village in the state of Maharashtra.

We shall not damage to the other Utility and if damaged then to pay the losses either to NHAI or to the concern agency.





महाराष्ट्र MAHARASHTRA

2023

81AA 155019

Annexure 5.2

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

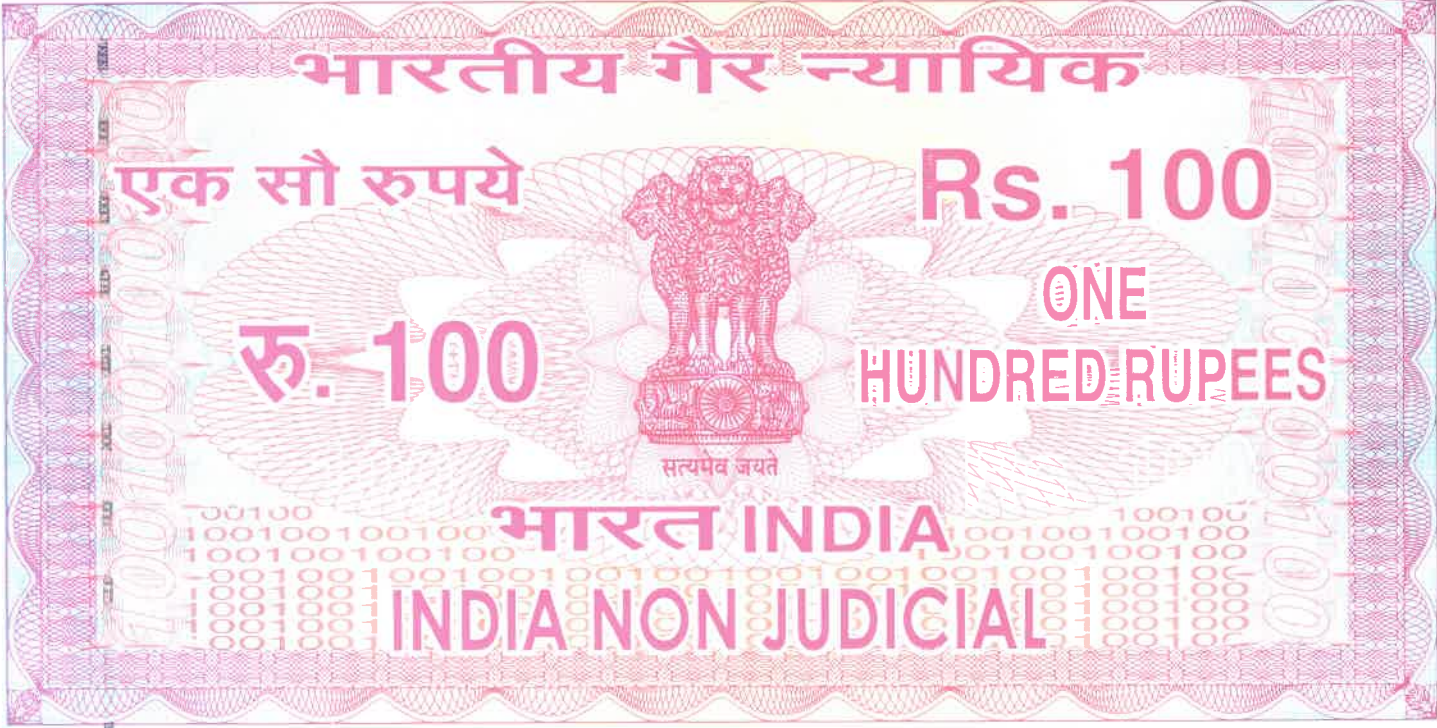
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopeee
Sangola, Solapur, Maharashtra – 413307



We **M/s WRSR Power Transmission Limited**, Ground & 1st Floor, Behind Mauli Shoppee, Sangola, Solapur, Maharashtra – 413307 do hereby undertake that in connection with laying of **765kV DC Narendra New (GIS) to Pune (GIS) transmission line (317.77KM)** across the National Highway NH 166 crossing between Chainage **KM 260 – KM 261**, crossing exactly at chainage **KM 260+566** near Junoni Village in the state of Maharashtra.

We shall furnish Bank Guarantee as per NHAH Norms before execution of work and renew timely if required.





महाराष्ट्र MAHARASHTRA

2023

81AA 155020

Annexure 5.3

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

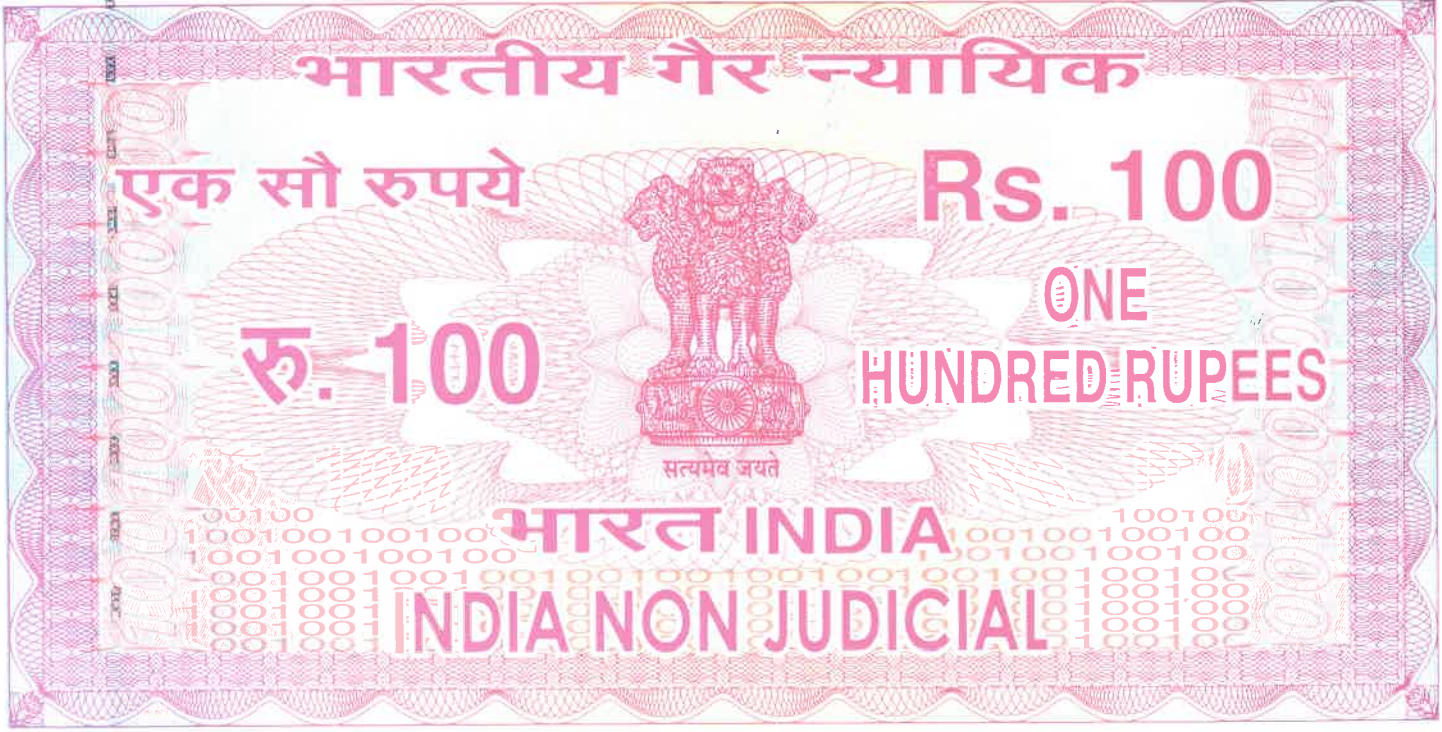
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



We **M/s WRSR Power Transmission Limited**, Ground & 1st Floor, Behind Mauli Shopee, Sangola, Solapur, Maharashtra – 413307 do hereby undertake that in connection with laying of **765kV DC Narendra New (GIS) to Pune (GIS) transmission line (317.77KM)** across the National Highway NH 166 crossing between Chainage **KM 260 – KM 261**, crossing exactly at chainage **KM 260+566** near Junoni Village in the state of Maharashtra.

We shall follow and abide by all standard conditions of MoRT&H and NHAI Guidelines regarding laying of the said Transmission Line Project.





महाराष्ट्र MAHARASHTRA

2023

81AA 155021

Annexure 5.4

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

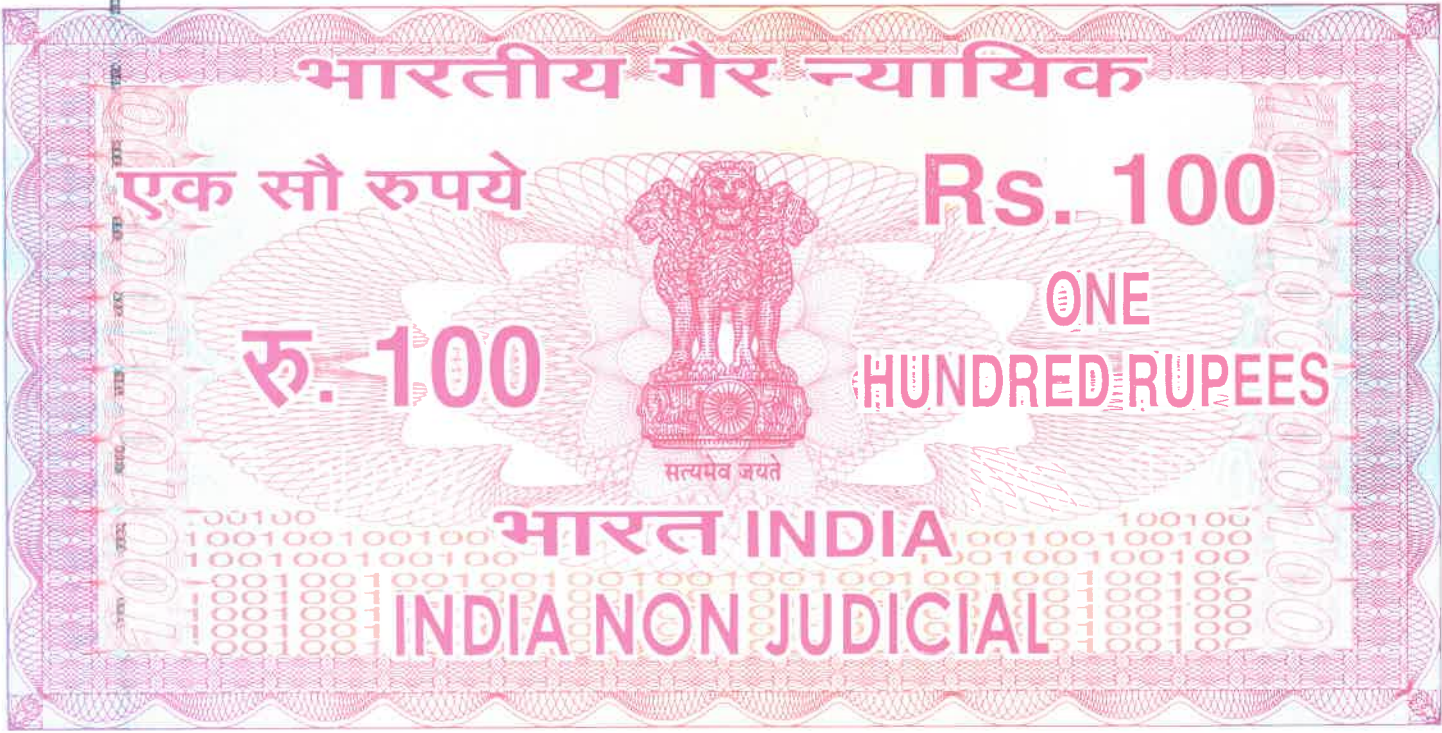
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



We **M/s WRSR Power Transmission Limited**, Ground & 1st Floor, Behind Mauli Shopee, Sangola, Solapur, Maharashtra – 413307 do hereby undertake that in connection with laying of **765kV DC Narendra New (GIS) to Pune (GIS) transmission line (317.77KM)** across the National Highway NH 166 crossing between Chainage **KM 260 – KM 261**, crossing exactly at chainage **KM 260+566** near Junoni Village in the state of Maharashtra.

The Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of said transmission line will be done by **M/s. WRSR Power Transmission Limited**.





महाराष्ट्र MAHARASHTRA

2023

81AA 155022

Annexure 5.5

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

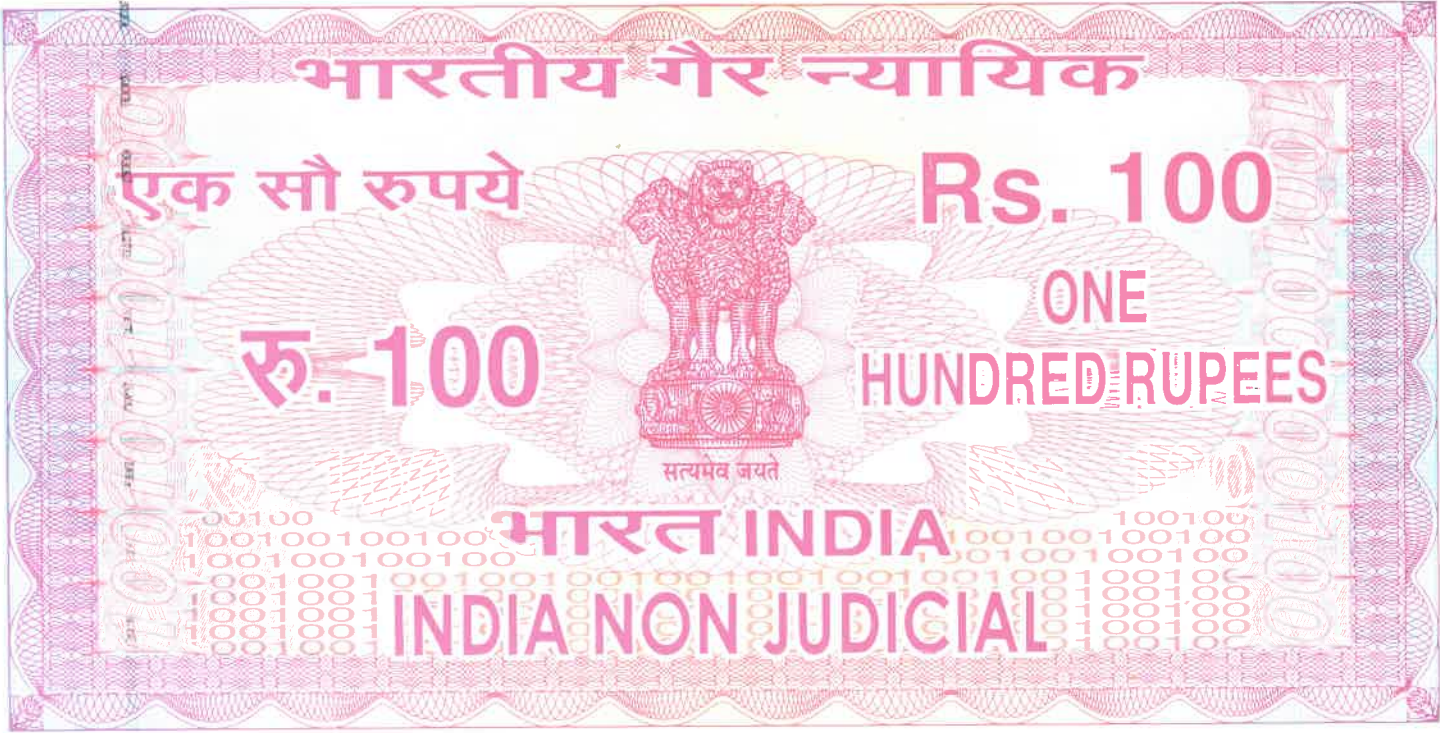
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



We **M/s WRSR Power Transmission Limited**, Ground & 1st Floor, Behind Mauli Shopee, Sangola, Solapur, Maharashtra – 413307 do hereby undertake that in connection with laying of **765kV DC Narendra New (GIS) to Pune (GIS) transmission line (317.77KM)** across the National Highway NH 166 crossing between Chainage **KM 260 – KM 261**, crossing exactly at chainage **KM 260+566** near Junoni Village in the state of Maharashtra.

M/s WRSR Power Transmission Limited has to shift the above line (if required), in future due to 6 laning/widening is in process of NH.





महाराष्ट्र MAHARASHTRA

2023

81AA 155023

Annexure 5.6

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

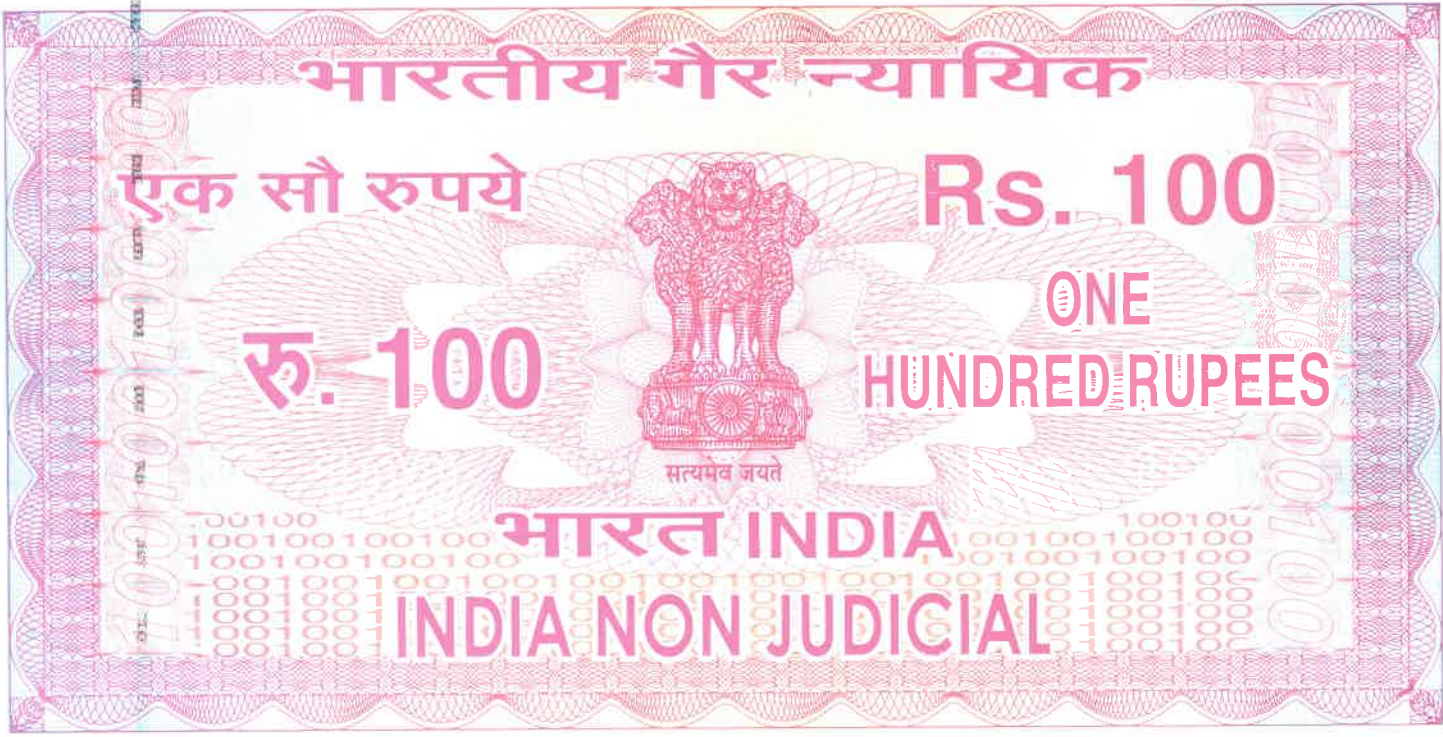
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



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Indemnity against all damages and claims during work is of **M/s. WRSR Power Transmission Limited**.





महाराष्ट्र MAHARASHTRA

2023

81AA 155024

Annexure 5.7

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

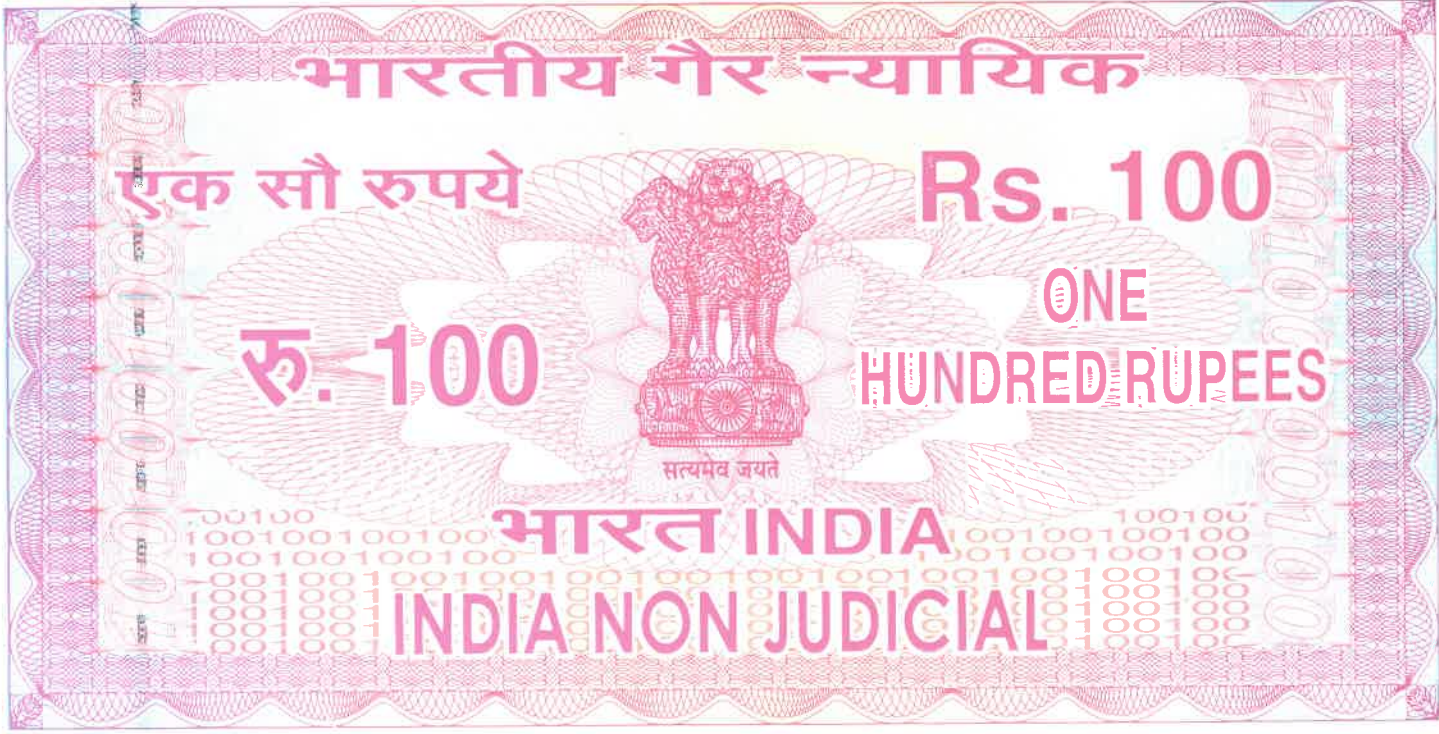
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



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Traffic movement during laying of said overhead electrical line to be managed by **M/s. WRSR Power Transmission Limited**.





महाराष्ट्र MAHARASHTRA

2023

81AA 155025

Annexure 5.8

UNDERTAKING

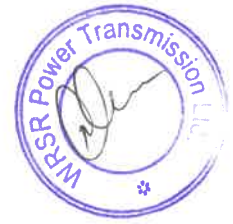
To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

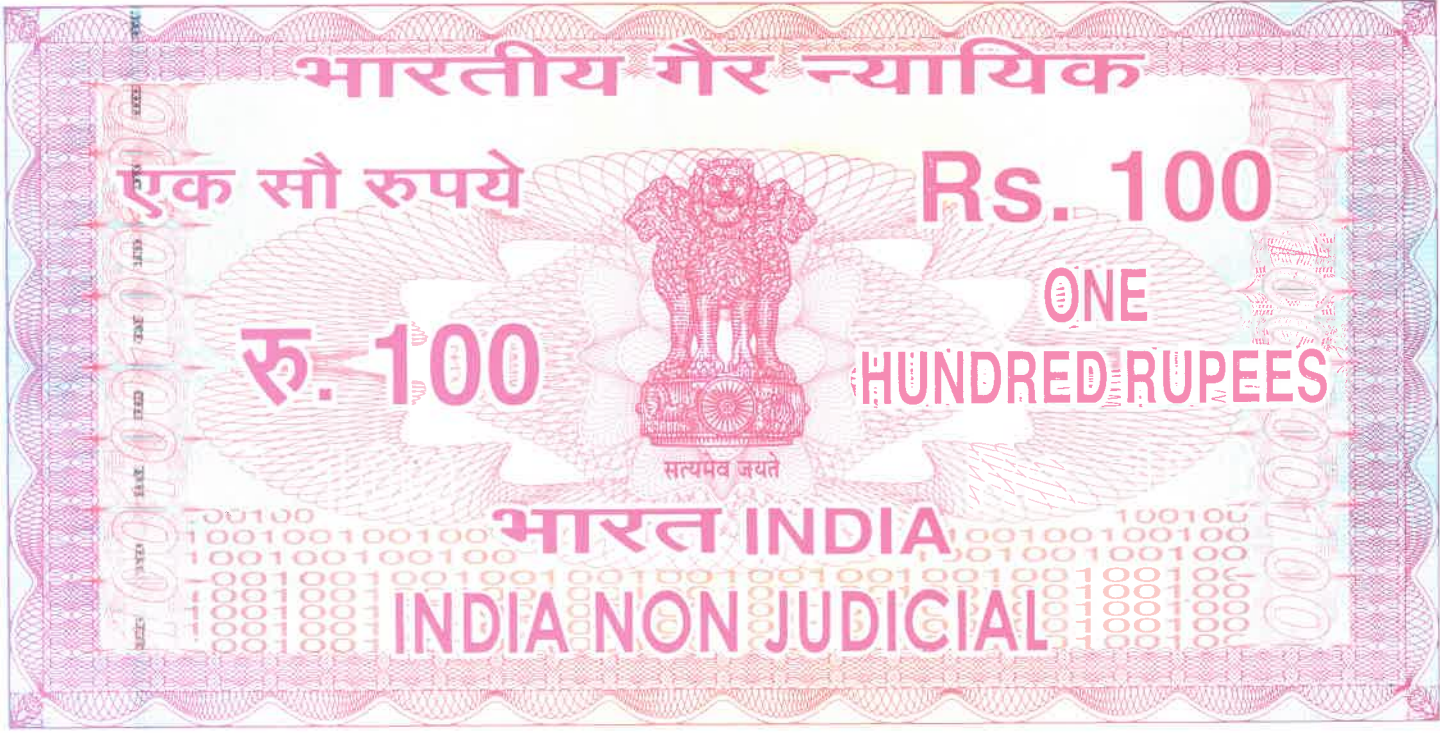
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shoppee
Sangola, Solapur, Maharashtra – 413307



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If any claim is raised by the Concessionaire then the same will be paid by **M/s. WRSR Power Transmission Limited**.





महाराष्ट्र MAHARASHTRA

2023

81AA 155026

Annexure 5.9

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

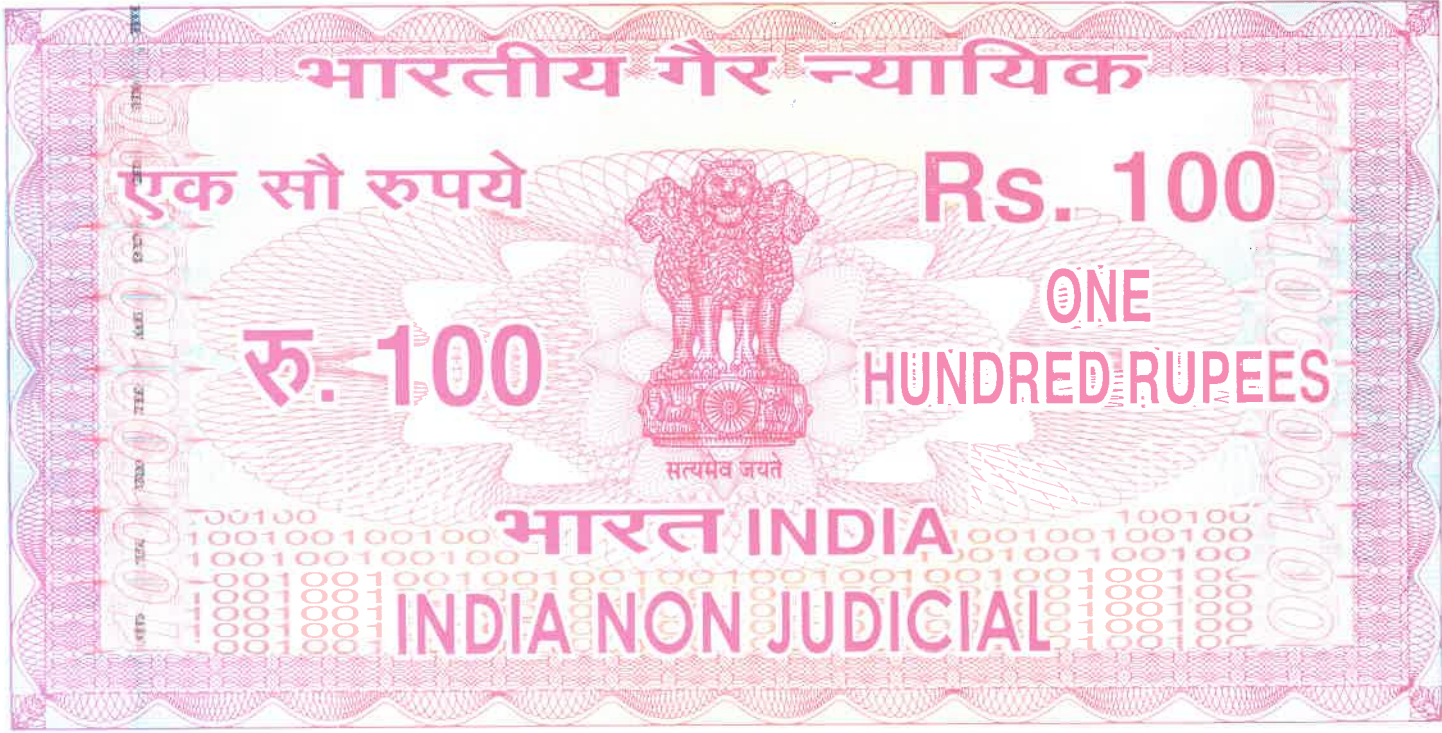
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shoppee
Sangola, Solapur, Maharashtra – 413307



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We will obtain prior approval of the NHAI before undertaking any work of installation,
Shifting of repair, or alterations to the said overhead electrical line located in the National Highway Right of way.





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Annexure 5.10

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

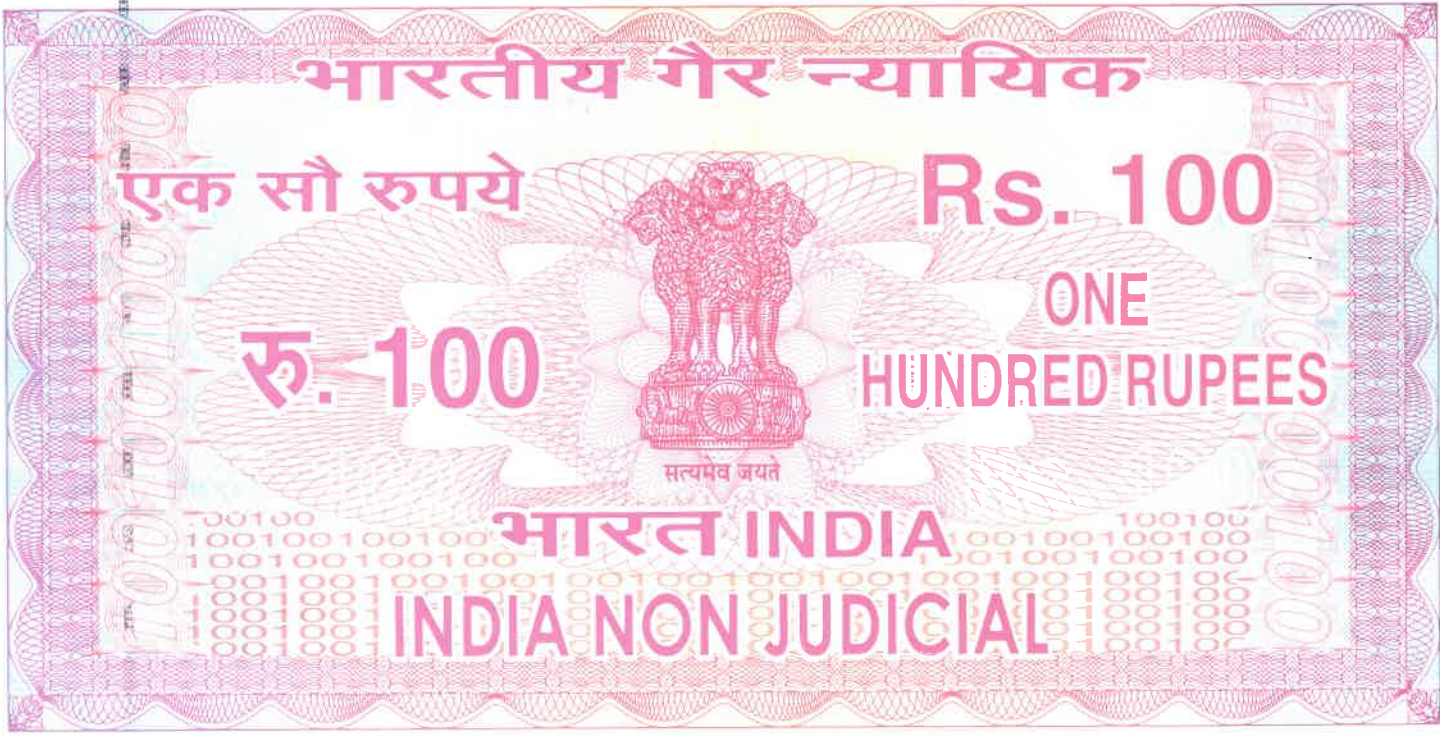
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



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Expenditure, if any, incurred by NHAI for repairing and damage caused to the National Highway by the laying, maintenance of the said overhead electrical line will be borne by **M/s. WRSR Power Transmission Limited** owning the line.





महाराष्ट्र MAHARASHTRA

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81AA 155028

Annexure 5.11

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

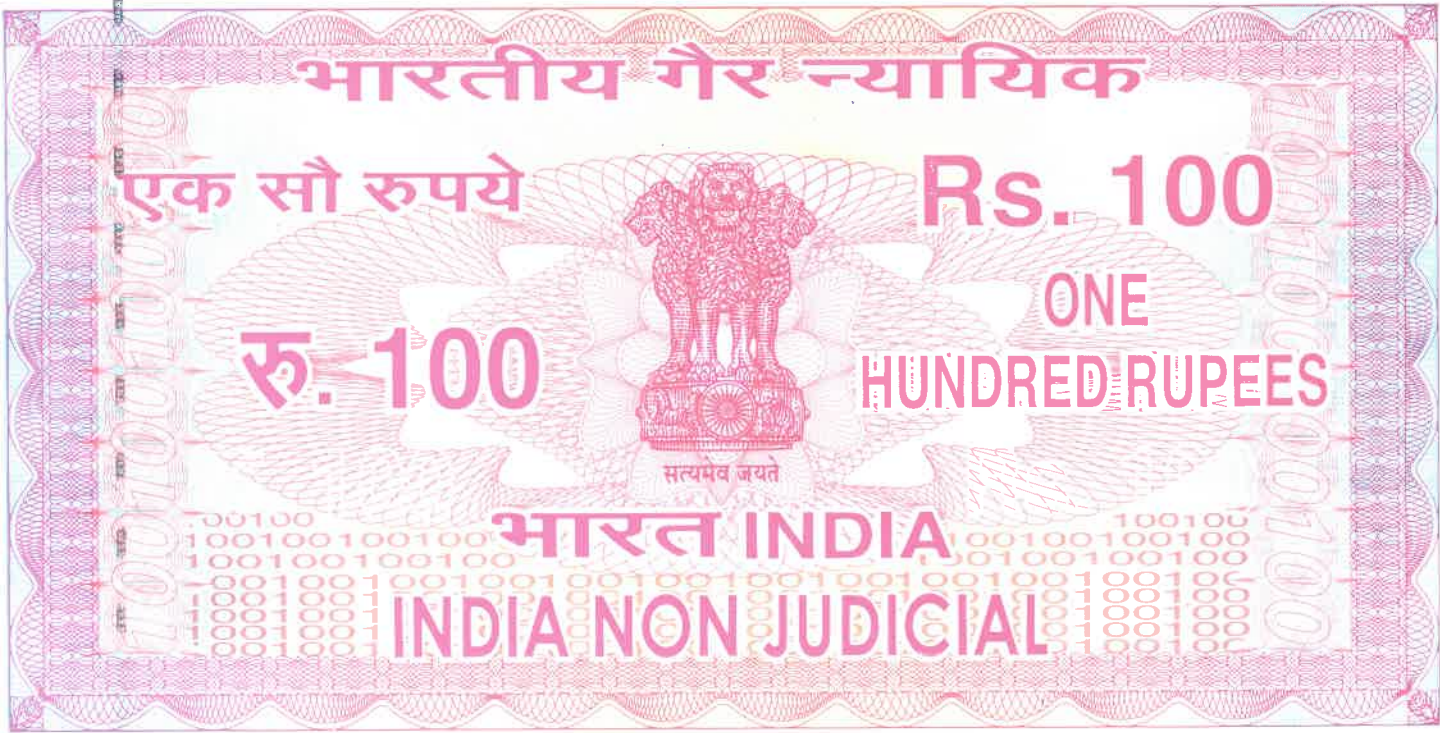
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



We **M/s. WRSR Power Transmission Limited**, Ground & 1st Floor, Behind Mauli Shopee, Sangola, Solapur, Maharashtra – 413307 do hereby undertake that in connection with laying of **765kV DC Narendra New (GIS) to Pune (GIS) transmission line (317.77KM)** across the National Highway NH 166 crossing between Chainage **KM 260 – KM 261**, crossing exactly at chainage **KM 260+566** near Junoni Village in the state of Maharashtra.

If NHAI considers it necessary in future to move the utility line for any work of improvement or repair 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.





महाराष्ट्र MAHARASHTRA

2023

81AA 155029



Annexure 5.12

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

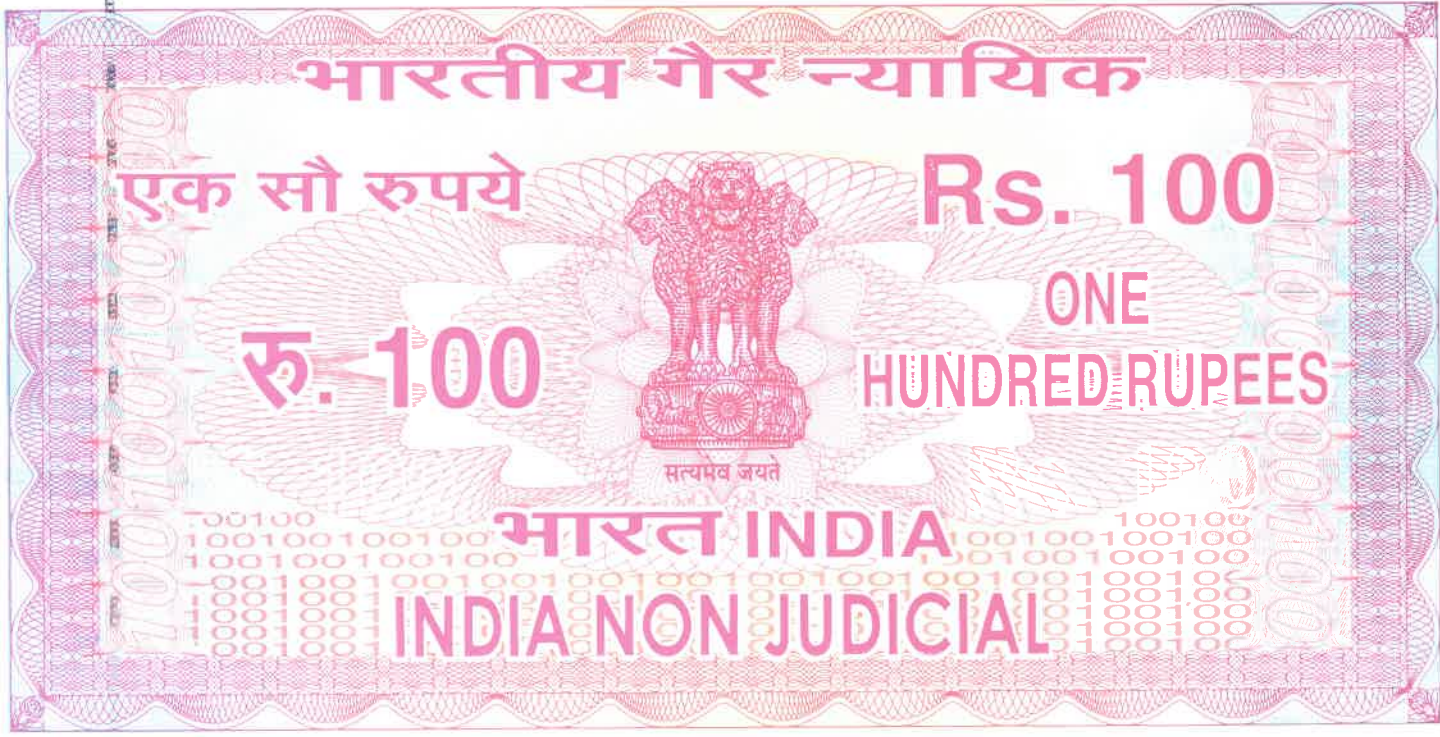
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



We **M/s. WRSR Power Transmission Limited**, Ground & 1st Floor, Behind Mauli Shoppee, Sangola, Solapur, Maharashtra – 413307 do hereby undertake that in connection with laying of **765kV DC Narendra New (GIS) to Pune (GIS) transmission line (317.77KM)** across the National Highway NH 166 crossing between Chainage **KM 260 – KM 261**, crossing exactly at chainage **KM 260+566** near Junoni Village in the state of Maharashtra.

- i. Laying of Overhead electrical line will not have any deleterious effect on any of the bridge components and roadway safety for traffic.
- ii. For 6/8 lanning "**M/s. WRSR Power Transmission Limited** 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.





महाराष्ट्र MAHARASHTRA

2023

81AA 155030



Annexure 5.13

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

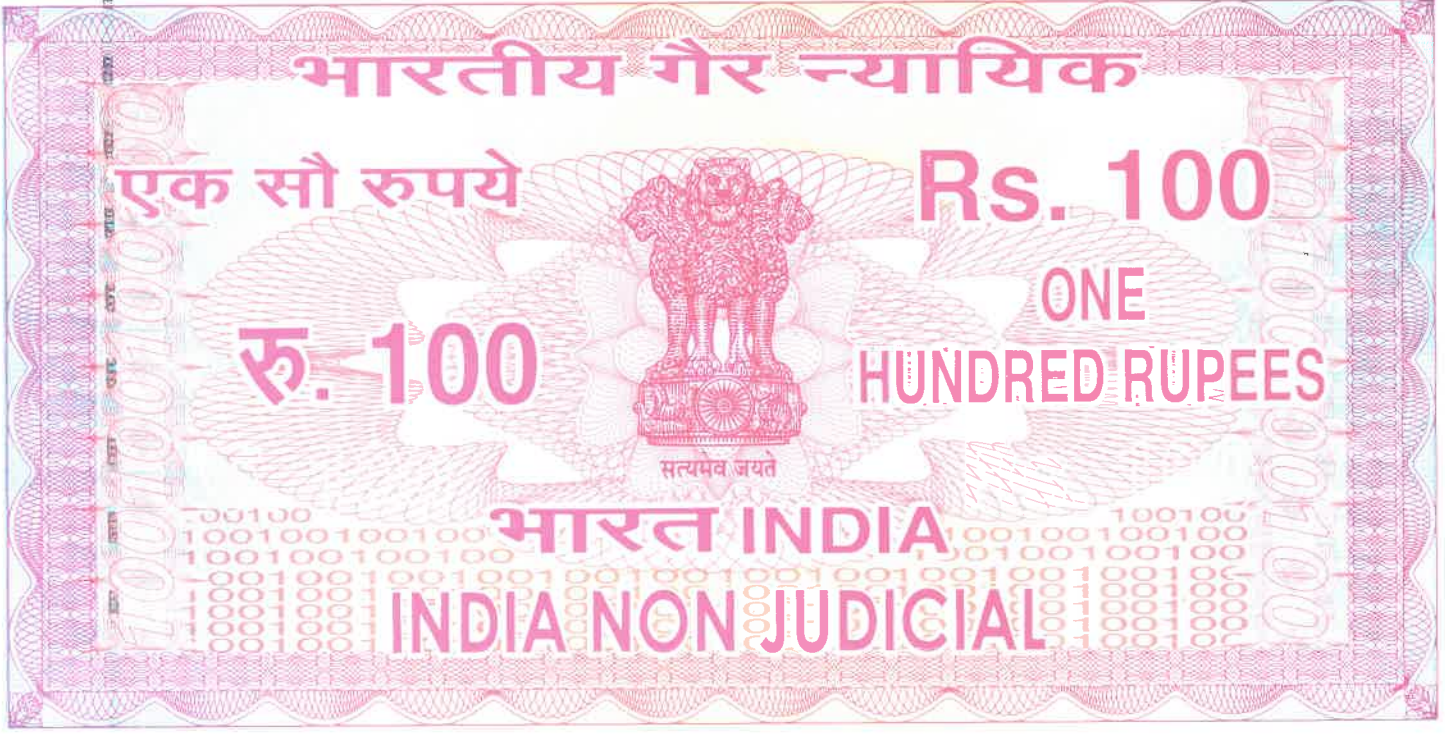
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shoppee
Sangola, Solapur, Maharashtra – 413307



We **M/s. WRSR Power Transmission Limited**, Ground & 1st Floor, Behind Mauli Shopee, Sangola, Solapur, Maharashtra – 413307 do hereby undertake that in connection with laying of **765kV DC Narendra New (GIS) to Pune (GIS) transmission line (317.77KM)** across the National Highway NH 166 crossing between Chainage **KM 260 – KM 261**, crossing exactly at chainage **KM 260+566** near Junoni Village in the state of Maharashtra.

The Transmission line installation shall be carried out by trained and experience personnel and supervised by technically qualified persons competent to undertake such work.





महाराष्ट्र MAHARASHTRA

2023

81AA 155031

Annexure 5.14

UNDERTAKING

To
Project Director (NHA)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

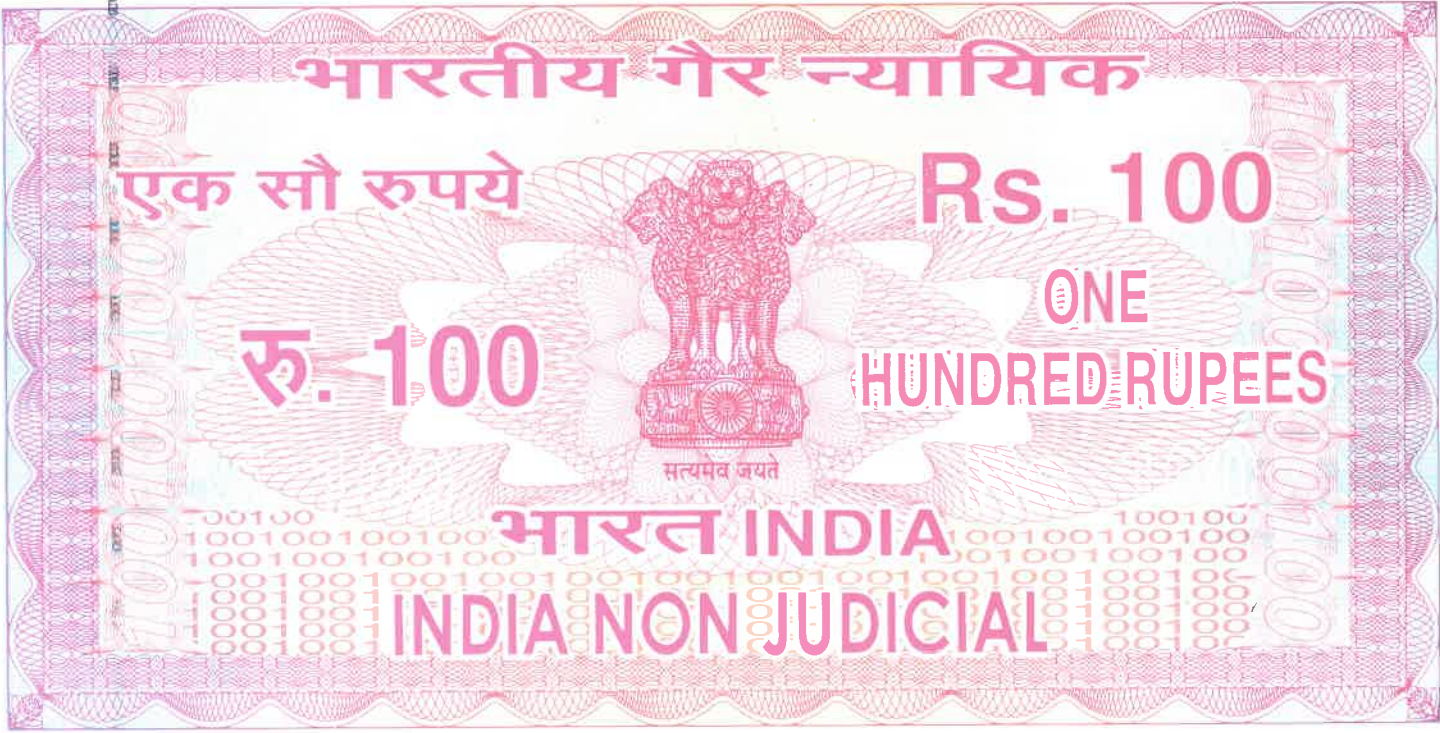
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



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The applicant shall ensure the safety of the highway traffic against the hazards of the high voltage lines during installation, operation and maintenance.





महाराष्ट्र MAHARASHTRA

2023

81AA 155032

Annexure 5.15

UNDERTAKING

To
Project Director (NHAI)
E/2, Dwarkadish Temple,
Jule Solapur, Jay Jalaram Nagar
Solapur, Maharashtra – 413004

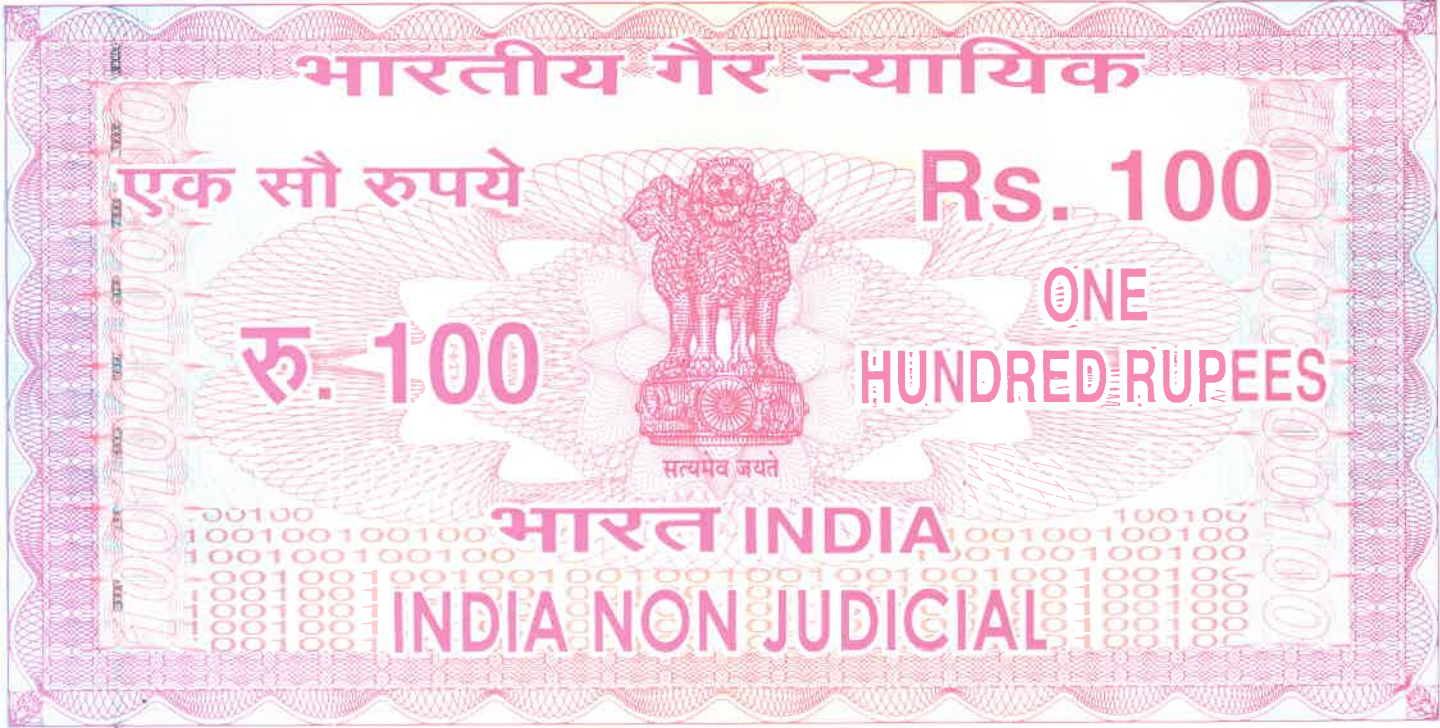
From,
WRSR Power Transmission Limited,
Ground & 1st Floor, Behind Mauli Shopee
Sangola, Solapur, Maharashtra – 413307



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We Undertake for compliance with Indian Electricity Rules and Other Authorities Regulation – All overhead lines shall comply with the requirements of the Indian Electricity Act and Rules made thereunder and the regulations or specification as laid down by railways or railways electrification authorities, post and telegraphs department, roadways or or navigation or aviation authorities, local governing bodies, defence authorities and power and telecommunications coordination committee, wherever applicable.





महाराष्ट्र MAHARASHTRA

2023

81AA 155017



**AGREEMENT REGARDING GRANTING OF RIGHT OF WAY
PERMISSIONS
FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS**

Agreement to lay Telecom Cable/OFC cable /Electric cable / ducts etc. from
.....260.....to.....261.....Km of.....NH.....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. WRSR Powex Transmission Ltd., a company registered under the Companies Act, 1956 and having its registered office at NO. 257/1/A/A2/B/SB, Behind Mauli Shop, Sangola, Solapur, MH - 413307 (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/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 2.60 to Km 2.6.1 of road/route up to and 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 witnessed that is 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 in 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 provision/ 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. 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 metre below the ground level. However, any structure above ground shall be aesthetically provided for required safety measures as directed by the concerned Authority; landscaped with

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
 - 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 into 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;
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 installation/ 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.

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. 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 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 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 authorised 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 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:

- a. Operation, repair and maintenance guidelines given by the manufactures,
- b. The requirement 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 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.

43. For PPP project, 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 AUTHORIZED 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)

WRSR Power Transmission Ltd.

BY

ROHAN SRIVASTAVA, Dy. Manager.

Signature, Name & Address with stamp)

SHRI



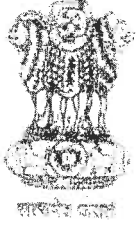
HOLDER OF GENERAL POWER OF ATTORNEY(DATED)

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.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार) National Highways Authority of India

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

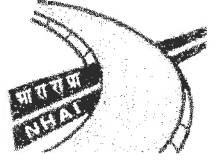
परियोजना कार्यान्वयन, इकाई. सोलापूर (महाराष्ट्र)

Project Implementation Unit, Solapur (Maharashtra)

कार्यालय : प्लॉट नं. ई-२, जय जलाराम नगर, शिवदारे कॉलेजच्या मागे, जुळे सोलापूर, सोलापूर-४१३००४ (महाराष्ट्र)

Office : Plot No. E-2, Jai Jalaram Nagar, Behind Shivdare College, Jule Solapur, Solapur - 413 004, Tel/Fax - 0217 2303379

ई-मेल /Email : solapur@nhai.org; plusolapur@gmail.com * वेब /Web : https://nhai.gov.in



No.: NHAI/PIU/SLP/IE/NH-166/2023-24/ 3982

Date: 25.11.2023.

प्रति,

२८

Dhruv Consultancy Services Ltd.

With Infinite Civil Solutions Pvt. Ltd.,

Sangola.

Sub.: Four laning of Borgaon - Watambare section of NH-166 from Ch. 224/000 to Km. 276/000 in the state of Maharashtra on HAM - proposal for permission of National Highway crossing of 765 kv D/C Narendra New (GIS) - Pune (GIS) transmission line (317.771 KM) on NH-166 in the state of Maharashtra - Reg.

Ref :

- Assistant Manager (RS), Solapur II RSA, IOCL, Pune Divisional Office letter no.nil dated 24.11.2023.

Sir,

- With reference to above cited subject, this office is in receipt of Assistant Manager (RS), Solapur II RSA, IOCL, Pune Divisional Office regarding proposal for permission of National Highway crossing of 765 kv D/C Narendra New (GIS) - Pune (GIS) transmission line (317.771 KM) on NH-166 in the state of Maharashtra vide letter ref. at (i) above. Copy of the same is enclosed herewith for your ready reference.
- In this regard, it is requested to go through the same & verify at site & submit your report at the earliest to this office for further submission and approval.
- This is for your information and necessary action.

धन्यवाद!

भवदीय,

AS 825/11
(अमित पाण्डेय),

उप प्रबंधक (तकनीकी),
भा.रा.रा.प्रा., इकाई. सोलापूर

संलग्न :- उपरोक्त.

प्रत:-

- CGM (Tech.) & RO, Mumbai for information please.
- Authorized Signatory, M/s. DBL, Borgaon Watambare Highway Pvt. Ltd. for information & consent.
- Master file.

WRSR POWER TRANSMISSION LIMITED

Office: Ground and 1st floor, APG No. 257/1A/2/B/2/B/58, Behind Mauli Shoppe, Sangole, District-
Solapur, Maharashtra-413307
CIN: U40105DL2022GOI40498
Email ID: wrsrpower123@gmail.com

3596

Ref: WRSR/NHAI/PKG2/2023-24/115

Date: 24th Nov'23

To,
The Project Director
E/2, Dwarkadhish Temple,
Jule Solapur
Jay Jalaram Nagar,
Solapur, Maharashtra
413004

Subject: Approval of National Highway Crossing proposal of 765 KV D/C Narendra a New (GIS)-Pune (GIS) Transmission line (317.771 KM)

Dear Sir,

We WRSR Power Transmission limited are developing a transmission system in the state of Maharashtra and Karnataka under the scheme "Development and Operation of inter State Transmission System for Transmission of Electricity for ISTS Network Expansion Scheme in Western & Southern Region for export of Surplus power During high RE Scenario in Southern Region ". The project was initiated by Central Transmission Utility of India Limited in coordination with REC power developed is from Narendra New (GIS) -Pune (GIS) 765 KV D/C line with 1x330b MVAR switchable line reactor (SLR) on each ckt at both ends.

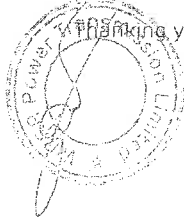
With reference to the subject matter cited above we are herewith submitting the power line crossing proposal of 765 KV D/C Narendra New (GIS) -Pune (GIS) Transmission line (317.77 KM). Below mentioned lines of MSEB have to be crossed.

SR. NO	LINE NAME (WRSR)	TOWER NO	VILLAGE	National Highway Details	Chainage
1	765KV DC Narendra New (GIS) -Pune (GIS) Transmission Line(317.77km)	54/0(2LB-3)- 55/0(2LB-3)	JUNONI	NH-166 Solapur- Sangli Highway	585-586 260-261

In view of the above we would request your good office to please verify and accord the approval for the same for enabling us to proceed further towards execution of transmission line.

Looking forward to your guidance and support towards execution of this project in the specified timeline.

Thanking you and assuring our best services at all the times.



WRSR POWER TRANSMISSION LIMITED
Registered Office: C 105, Anand Niketan, New Delhi - 110 021, India

WE

WE TRANSMISSION LIMITED

Site Office: Ground and 1st floor, APG No. 257/1A/2/B/2/B/58, Behind Mauli Shoppe, Sangole, District-
Solapur, Maharashtra-413307
CIN: U40105DL2022GOI40498
Email ID: wsrpower123@gmail.com

For WSR Power Transmission Limited

Shri. Prakash Singh
Authorized Signatory

Enclosed: Annexure I Checklist

Annexure II Profile Drawing

Annexure III Tower schedule

Annexure IV SLD of Highway Crossing Chainage KM²⁶⁰₅₈₅-KM²⁶¹₅₈₈

WSR POWER TRANSMISSION LIMITED

Registered Office: C 105, Anand Niketan, New Delhi - 110 021, India

OWNER: MR-SR Power Transmission Limited										adani Transmission									
CONTRACTOR: ASSOCIATED POWER STRUCTURES PVT. LTD.										Owner Doc. No. A835-E-TBL-L01-DC-T-V-0001									
SURVEYOR: ASSOCIATED POWER STRUCTURES PVT. LTD.										Contractor/ Vendor Doc. No.: AP5/AD90/WR-SR/TS/001									
PROJECT: ISTS network expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region										Prepared : HIREN BUMTARIYA									
LINE: 765KV D/C Narendra New (GIS) to Pune (GIS) Transmission Line										Checked : HIREN BUMTARIYA									
TITLE: TOWER SCHEDULE FOR AP-53 TO AP-56										REV 6									
Sr. No	Loc. No.	Type of Tower	RAISED CHIMNEY/ BENCHMARK	WGS-84 (UTM ZONE-43)		Ground Level M.S.L (m)	Deviation Angle	Span (m)	Section Length (m)	Sum of Adjacent Span (m)	Wind Span (m)		Weight Span in Mtr (Cold)		Weight Span in Mtr (Hot)		Remarks & Crossings.		
				Easting (X)	Northing (Y)						Left	Right	Left	Right	Left	Right			
1	AP-53	2LA+6		503086.43	1903967.23	565.38	37°17'28" (RT)	428.09	2405.21	844	422	274	144	438	168	431			
2	53/1	1LA+9	1 (D)	502789.91	1903277.12	575.48	0.00	423.00		850	426	266	226	512	263	221	280s 11kv Line, Pond, Water Pipe Line		
3	53/2	1LA+1.5		502498.85	1903531.31	580.27	0.00	423.00		852	426	196	262	448	201	241	200m 11kv Line, Cart Track		
4	53/3	1LA+3		502200.85	1903802.77	578.02	0.00	301.04		824	412	188	254	434	192	235			
5	53/4	1LA+8		501929.89	1903715.96	565.23	0.00	375.99		768	384	138	234	378	158	219	Water Pipeline		
6	53/5	1LA+1.5		501670.23	1903447.33	559.30	0.00	369.74		736	368	142	205	347	158	197	280s 11kv Line, 11kv Line, 280m Well CT		
7	AP-54	2LB+3		501420.84	1903707.92	556.96	3°51'59" (LT)	269.43	280.41	622	311	136	164	260	164	118	11kv Line, Cart Track, Well		
8	AP-55	2LB+3		501232.06	1903847.35	559.51	6°01'45" (RT)	312.40	1546.96	572	286	217	113	270	143	271			
9	55/1	1LA+6		501028.56	1903134.30	554.37	0.00	441.99		754	377	380	211	411	185	215	280s 11kv Line, 11kv Line, 280m Well CT		
10	55/2	1LA+6		500740.45	1903459.73	558.35	0.00	484.90		846	423	212	242	474	220	229	280s 11kv Line, 11kv Line, 280m Well CT		
11	55/3	1LA+1.5		500478.89	1902705.93	558.05	0.00	387.67		794	397	164	81	345	177	120	280s 11kv Line, 11kv Line, 280m Well CT		
12	AP-56	2LB+3	1 (C & D)	500224.36	1903003.07	579.36	11°55'54" (LT)			842	421	307	219	526	269	223	280s 11kv Line, 11kv Line, 280m Well CT		
FOR ASSOCIATED POWER STRUCTURES PVT. LTD.										FOR WR-SR Power Transmission Limited									
PREPARED BY			SURVEY & CHECKED BY			SUBMITTED BY			SUBMITTED BY			RECOMMENDED BY			APPROVED BY				