भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport & Highways)

टेली / Tele : 040 - 29562147 / 48
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क्षेत्रीय कार्यालय - हैदराबाद
प्रथम तल, नया भवन, भारतीय प्रशासनिक स्टाफ कॉलेज, कॉलेज पार्क कॉंपस, रोड नंबर-3, बंजारा हिल्स, हैदराबाद-500 034. तेलंगाना
Regional Office - Hyderabad,
First Floor, New Building, Administrative Staff College of India (ASCI), College Park Campus, Road No. 3, Banjara Hills, Hyderabad - 500 034, Telangana.

Notice Inviting Public Comments

NHAI/RO-HYD/25011/5/6/2021/Utility/1746 Dt.11.10.2021

Sub: NHAI - RO Hyderabad - PIU Warangal- Construction of 400 KV DC line from Km.77+600 to Km.77/700 near Pembarthy (V) on Hyderabad to Warangal section of NH-163 in the State of Telangana- **Reg.**

Ref: 1. PIU Warangal letter no. NHAI/PIU-WGL/Access Permission/2021/1024, dt:29.09.2021.

The Project Director, PIU, NHAI, Warangal vide letter cited above has submitted a Proposal for crossing of 400 KV DC line from Km.77+600 to Km.77/700 near Pembarthy (V) on Hyderabad to Warangal section of NH-163 in the State of Telangana.

2. As per para 4 of the Ministry's guidelines no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, public comments is hereby invited on the above proposal seeking claims and objections (on grounds of public inconvenience, safety and general public interest) within 30 days on public portal i.e. website of Ministry of Road Transport and Highways (www.morth.nic.in) in Form-A (copy enclosed) for "Accommodation of Public and Industrial Utility Services along and across National Highways".

Comment Inviting Authority
The Regional Officer,
National Highways Authority of India,
Regional Office: Hyderabad,
First Floor, New Building,
Administrative Staff College of India(ASCI),
College Park Campus, Road No.3,
Banjara Hills, Hyderabad - 500 034,
Telangana State,
Phone: 040-29562147, 040-29562148,
Email: rohyderabad@nhai.org, nhairohyd@gmail.com

Yours faithfully,

Encls: Above Proposal

(G.V. Bheemasena Reddy)
Dy. General Manager (Tech)
For Regional Officer-cum-
Highway Administrator, Hyderabad

To:
1. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
2. Shri S.Manivasagam, Dy. GM (IT), NHAI HQs, New Delhi for uploading on NHAI website.

Copy to:-The Project Director, NHAI, PIU Warangal: for information

FORM-A

Form for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) on the application for Accommodation of Public and Industrial Utility Services along and across National Highways

Sub: NHAI - RO Hyderabad - PIU Warangal- Construction of 400 KV DC line from Km.77+600 to Km.77/700 near Pembarthy (V) on Hyderabad to Warangal section of NH-163 in the State of Telangana - **Reg.**

The claims and objections (on grounds of public inconvenience, safety and general public interest) by the general public needs to be given within 30 days of uploading the online application for comments

Sl. No	Item	Details
1	Name of the person who is desiring to give claims and objections (on grounds of public inconvenience, safety and general public interest)	
2	Address of the person	
3	Details of the application for Accommodation of Public and Industrial Utility Services along and across National Highways against which claims and objections are being given (name of applicant and other details like site address etc.)	
	a) Application No.	
	b) Name of applicant (who applied to Accommodation of Public and Industrial Utility Services along and across National Highways)	
	c) Details of Application	
4	The claims and objections (on grounds of public inconvenience, safety and general public interest)	

CHECK - LIST

Guidelines for Project Directors for processing the proposal of laying Over Head Electrical Line crossing National Highways vested with NHAI.

Relevant Circulars / codes

1) **Ministry Circular No. NH-III/P/20/77 dated 08.4.1982**
2) **Indian Electricity Act. 1910.**
3) **Indian Electricity Rules 1956.**
4) **IRC: 32-1969.**
5) **IS: 5613-1976 Part-I to IV.**

check list for getting approval for laying of overhead Electrical Line crossing National Highways vested with NHAI

S.No.	Item	Information / Status	Remarks
I	General Information	400KV D/C (Quad) YADADRI TPP SWITCHYARD TO JANGAON SS T/L	
1.1	Name and Address of the Applicant with Full address	Executive Engineer, 400KV/Construction Division-II/ TS TRANSCO, Opposite District Court, 132/33KV SS premises, KARIMNAGAR, 505001	
1.2	National High way Number	NH - 163	
1.3	State	TELANGANA	
1.4	Location	PEMBERTHY (JANGOAN)	
1.5	Type of electric line including carrying voltage, Details and purpose	400KV D/C (Quad) YADADRI TPP SWITCHYARD TO JANGAON SS T/L	
1.6	(Chain age in Km)	77+620 Km (Milestone between 77-600 Mtr and 77-700 Mtr.)	
1.7	Length in Meter	217	
1.8	Width of available ROW	60	
	(a) Left side from center line towards increasing chain age / Km direction	30M	
	(b) Right side from center line towards increasing chain age/km direction	30M	
1.9	Proposal to lay Over Head		
	(a) Left side from centere line towards increasing chain age/Km direction	83 M	
	(b) Right side from centere line towards incressing chain age/Km direction	134 M	
	(c) crossing of NH	NH- 163	
1.10	Proposal to acquire land	NA	
	(a) Left side from center line		
	(b) Right side from center line		
1.11	Whether porposal is		
	(a) in the same side where land is not to be acquired	NO	
	(b) Crossing the National Highway	YES	
	If not then where to lay the Over Head Electrical Line		
1.12	Details of already laid service (Overhead Telecommunications line, overhead Electric line etc.,) if any, along the proposeed route / Proposed crossing.	NA	
1.13	Number of lanes (2/4/6/8 lanes) existing		
	of lanes (2 lane with paved shoulders /4/6/8	4 LANES	
1.15	Service road existing or not If yes then which side (a) Left side from center line (b) Right side from center line	No	
1.16	Proposed Service road	No	
	(a) Left side from center line		
	(b) Right side from center line		
1.17	Whether proposal to lay overhead Electric line is after the service road or between the service road and main carriagewey, or crossing the National Highway.	Crossing the National Highway	
1.18	The permission for laying Over Head Electrical Line shall be considered for approval / rejection based on the Ministry circulars and relevant codes mentioned as above.	YES	
1.19	If crossing of the road involved	YES	
	(a) Is it on a line normal to NH and provide length of crossing span	217	
	© structure (Tower, Pole and for HT line only Tension Towers) for crossing shall not be too near to the existing strctures on the National Highway, the minimum distance being 15 meter.	LOC AP-70/0 DD+9 LOC AP-71/0 DD+6	
	(b) Type of Existing / Proposed structure for national Highway	Tension Towers line	
	(c) What is the distance of Tower, Pole and Tension Towers line from the existing / proposed structure for National Highway.		

Project Director
National Highways Authority of India,

S.No.	Item	Information / Status	Remarks
	© 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 least 10 meters away from the edge of the existing shoulders of the extreme traffic lane. Where the existing roadway is narrower than the minimum required according to standards or where the widening is proposed for any reason, the lateral clearance shall be reconed with respect to ultimate road way What is the horizontal clearance from the extreme edge of the road land boundary	Loc No. AP 70/0 104 M Loc No. AP 71/0 53 M	
	(d) The overhead lines and their supporting poles / towers should ordinarily be placed at a minimum distance of 5.0 m from the nearest line of avenue trees. What is the horizontal clearance from the nearest line of avenue trees ?	104 M on right side and 53 M on left side towards incressing chainage/KM direction	
	(e) In mountainous / hilly terrain the overhead lines should be erected preferably on the valley side as far away as practicable. In hilly region, levbel of ground at a suitable distance below the outer conductor on either side from the centre line is also to be noted and marked in profile so as to ensure required ground clearance underneath conductor and side clerances in swung conditions, is the proposal in hilly area ?	Plain LAND	
	The horizontal clearances in respect of poles erected for the purpose of street lighting in urban situtation shall be as under		
	(i) For roads with raised kerbs — Minimum 300 mm from the edge of the neares kerb preferabily 600 mm	NA	
	(ii) For roads with raised kerbs — At least 1.5 m from the edge of the carriageway subject to minimum of 5.0 m from the centre line of the carriageway.	NA	
	(g) The pylons of H.T. lines along crossing the road shall be located outside the N.H. land.	YES	
	(h) For crossing the line of same voltage or lower voltage, suspension / tension tower with suitable extensions shall be used	YES	
	(i) The vertical clerance of the overhead lines crossing the road shall be reckoned from the top of the crown of the road taking into account the anticipated final top level due to future raising of road level, strengthening of pavement, etc., The actual ground clerance of high tension lines for voltage above 650 Volts varies depending upon the Voltage transmitted and these are stipulated in Indian Standard Codes is 5613-1976 Part I to IV and Indian Electricity Rules 1956 as under	8.99 M	
	Voltage — Vertical Clearance		
	For ordinary wires and lines carrying low voltage — 5500 mm		
	up to and including 110 Volts.		
	For electric power lines carrying voltage up to — 6000 mm		
	and including 650 Volts.		
	For electric power lines carrying voltageexceeding — 6500 mm		
	650 Volts.		
	220 KV — 7015 mm		
	400 KV — 8990 mm		
	765 KV — 15000mm		
	Note : There are minimum requirement. Where ever local Authority requirement higher, the same shall be provided. In Case of HT line, Road crossing, the ground clearance at the roads under maximum temperature and in still air shall be such that even which conductor bundle broken in adacent span, the ground clearance from the road surface shall not be less than 8.84 meters.	Tower is Designed for 75 Temperature and Conductor has been considered in 75 Temperature	
	What is the voltage of proposed line and clearance under maximum sag condition between lowest conductor of the proposed line & existing NH/future develped NH	400KV / 22.5 m	

Project Director
National Highways Authority of India

S.No.	Item	Information / Statue	Remarks
2	Affidavit / Under taking to be obtained from (to be furnished by) the Applicant.	YES	
2.1	Not Damage to other utility, if damaged then to pay the losses either to NHAI	YES	
2.2	The line Reneval of Bank Guarantee if required Standard conditions as laid down in Ministry Circular Ministry III/P/2077 dated 08.4.1982, Indian Electricty Act-1910, Indian Electricity Rules 1956, IRC 32-1969IS 5613-1976 Part-I to IV and NHAt's	NA	
2.3	Strip plan/ Route plan showing overhead electrical line , chainage, width of ROW, Important mile stone, Inter section etc.	Enclosed	
2.4	Shifting of Over head Electrical Line at their own cost as and when required by NHAI	YES	
2.5	Shifting of Over Head Electrical Line at their own cost if required due to 4 Lanning / widening of NH	YES	
2.6	Indemnity against all damages and claims what so ever kind that may be to NHAI or to any third party in the ROW during Installation Operation and maintenance.	YES	
2.7	Traffic movement during laying of Over Head Electrical Line to be managed by the applicant	YES	
2.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	YES	
2.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the Over Head Electrical Line located in the National highway right of Way	YES	
2.10	Expenditure, if any, incurred by NHAI for repairins any damage caused to the National H:ighway by the laying, maintenance or shifting of the Over Head Electrical Line will be borne by the agency owtning the line.	YES	
2.11	If the NHAI considers it necessary in future to move the ;utility line for any work of Improvement or repairs to the road, it will be carried out asdesiredy by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES	
2.;12	Certificate from the applicant in the following format. (I) Laying of Over Head Electrical Line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) For 4 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 YES	
2.13	The transmission line installation shall be carried out by trained and experienced personnel and supervised by technically qualified persons competent to undertake such work.	YES	
2.14	The applicant ensures the safety of the highway traffic against the hazards of the high voltage lines during installation, operation and maintenance.	YES	
2.15	Undertaking for Compliance with Indian Electricity Rules and Other Authorities Regulations - All overhead lines shall comply with the requirements of the Indian Electricity Act and Rules made there under and the regulations or specifications as laid down by railways or railway electrification authorities, post and telegraphs department, roadways or navigation or aviation authorities, local Governing Bodies, defense authorities and power and telecommunications coordination committee, wherever applicable	YES	
2.16	All documents and drawings to be furnished by the Applicant	YES	
	Methodology for laying of over Head Electrical Line		
	Draft License Agreement		
3.3	Performance Bank Guarantee in favour 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 clearing debris / loose earth etc. produced in the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/ loose earth.	NA	
3.4	Route Plan showiing Over Head Electrical Line Chain age, width of ROW, distance of proposed, structure (Tower, Chain age, width of TOW, distance of proposed, structure important Pole and for HT line only Tension Towers) from the edge of ROW, Important mile stone, Interesections, cross drainage works any other structure existing or proposed etc.	Enclosed	

Project Director
National Highways Authority of India

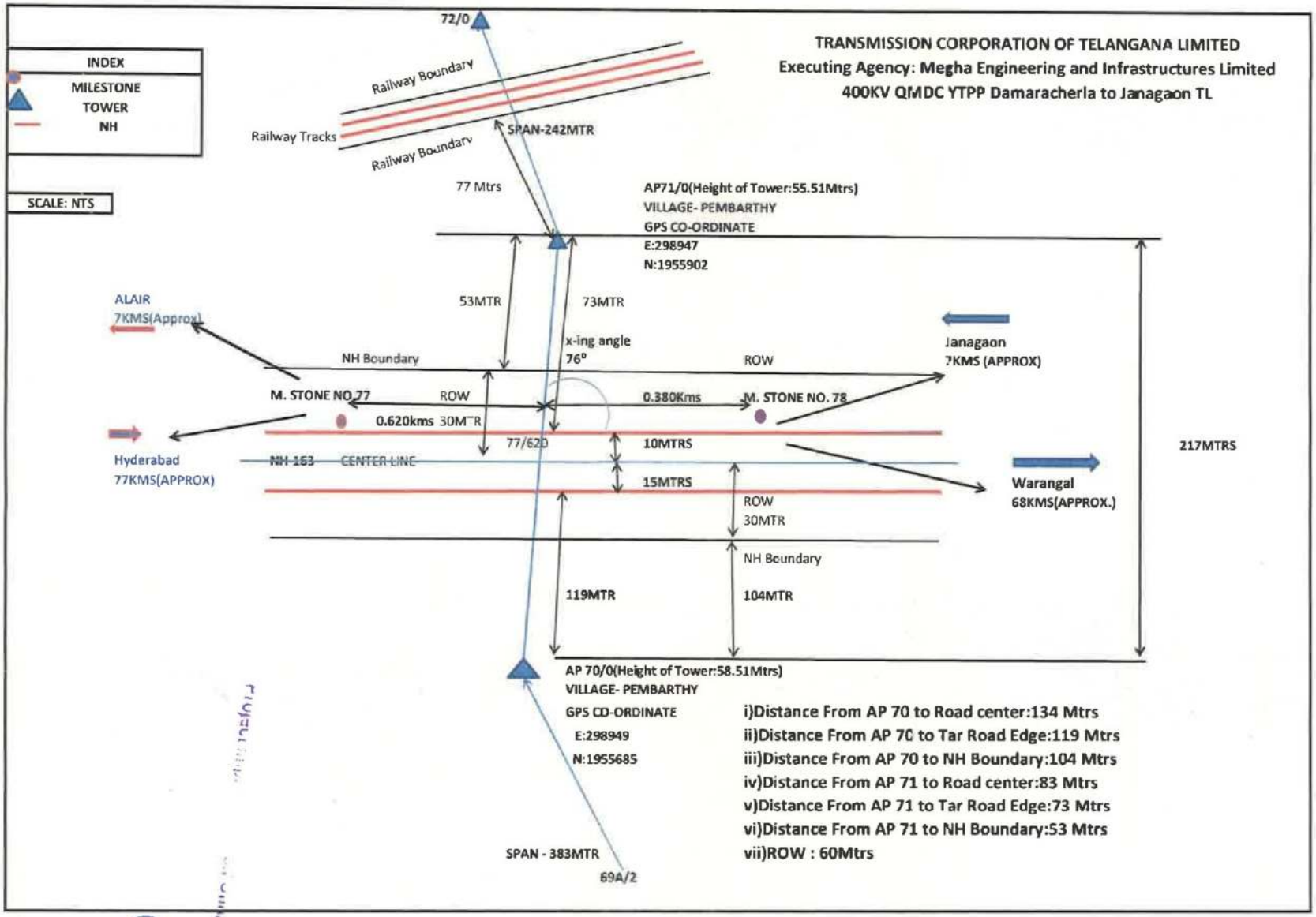
S.No.	Item	Information / Status	Remarks
4	Certificate from the Project Director		
4.1	Certificate for confirming that the proposal has been examined with respect to the structures and developmental work considered at this location and compliance of all standard condition issued vide Ministry C[illegible]ular No. NH III/P/20/77 dated 08.4.1982. Indian Electricity Act.1910, Indian Electricity Rules 1956, IRC 32-1969, IS 5613-1976 Part I to IV and NHAI's guideline	YES	
4.2	Certificate from PD in the following format. *(i) " It is certified that any other location of the Electric Line would be extremely difficult and unreasonable costly and the institution of Electric line within ROW will not adversely affect the design, stability & traffic safely of the highway not the likely future improvement such as widening of the carriageway, easing of curve etc."* (ii) for 6 Lanning (a) Where feasibility is available " I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location " (b) In case feasibility report is not available " I do certify that sufficient ROW" is available at site for accommodating proposed six laning"	YES	
5	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 Licensee has been granted the right to lay Over Head Electrical line has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of NH	YES	
6	Who will supervise the work of laying of Over Head Electrical Line	TSTRANSCO	
7	Who will sign the agreement on behalf of Over Head Electrical Line agency	TSTRANSCO	
8	Who will ensure that the defects in road portyion after laying of Over Head Electrical Line are corrected and if not corrected then what action will be taken.	NHAI	
9	Who will pay the claims for damages done/disruption in working of Concessionize if asked by the concessionaire.	TSTRANSCO	
10	A certificate from PWD that he will enter the proposed permission in the registere of records of the permissions in the prescribed proforms (Copy enclosed)	YES	
11	If any preyious approval is accorded for laying of Over Head Electrical Line then Photocopy of register of records of permissions accorded as maintained by PD may be enclosed.	NA	

Assistant Engineer
400KV/Construction
TS TRANSCO - Karimnagar.

Asst. Executive Engineer
400KV/Const/SD/Divin-1/KNR
TS TRANSCO - WARANGAL.

Executive Engineer
400KV/Const/Divin-1
TS TRANSCO - Karimnagar.

Project Director
National Highways Authority of India,
Project Implementation Unit, Warangal,



TRANSMISSION CORPORATION OF TELANGANA LIMITED
Executing Agency: Megha Engineering and Infrastructures Limited
400KV QMDC YTPP Damaracherla to Janagaon TL

Assistant Engineer
400KV/Construction
TS TRANSCO - Karimnagar

Asst. Executive Engineer
400KV/Const/SD/Divin-1/KNR
TS TRANSCO - WARANGAL

Executive Engineer
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Project Director
National Highways Authority of India,