



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)

क्षेत्रीय कार्यालय, मदुरै / **Regional Office, Madurai**

दूसरा व तीसरा तल, विजय कृष्णा प्लाजा, सं. 1, लेक एरिया, मेलुर मैन रोड, माटुतावनी, मदुरै - 625107

2nd & 3rd Floor, Vijay Krishna Plaza, No. 1, Lake Area, Melur Main Road, Mattuthavani, Madurai - 625107

दूरभाष / Tele : +91-452-2588999 वेब / Website : www.nhai.gov.in ई.मेल / E-mail: romadurai@nhai.org



NHAI/15018/3.5/01/2025/RO Madurai/E:301453/2283

16th December, 2025

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, नागरकोइल - Proposal for crossing of 230KV OHT line @ Km 15/300 of NH-944 (Nagercoil - Kavalkinaru section) by Superintending Engineer, GCC, TANTRANSCO, Madurai - **Invitation of Public Comments - Reg.**

प्रसंग: PD, Nagercoil Lr. No. NHAI/PIU/NGL/NH-944/OHT/NOC/SE-1/2025/2750 dated 04.12.2025.

The Proposal is regarding permission for crossing of 230KV OHT line @ Km 15/300 of NH-944 (Nagercoil - Kavalkinaru section) by Superintending Engineer, GCC, TANTRANSCO, Madurai. The proposal has been submitted to this office by PD, Nagercoil Lr. No. NHAI/PIU/NGL/NH-944/OHT/NOC/SE-1/2025/2750 dated 04.12.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2) The alignment proposed by Superintending Engineer, GCC, TANTRANSCO, Madurai for crossing of 230KV OHT line across the road @ Km 15/300 of NH-944 (Nagercoil - Kavalkinaru section) is as detailed under:

Stretch in Km	Length (m)	Available ROW (m)		Distance from the C/L	Remarks
		RHS	LHS		
Across NH-944: Km 15/300	60	30	30	-	18.49m minimum vertical clearance from FRL of MCW.

3) Superintending Engineer, GCC, TANTRANSCO, Madurai has proposed for crossing of 230KV OHT line across the road @ Km 15/300 of NH-944 (Nagercoil - Kavalkinaru section) in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) Superintending Engineer, GCC, TANTRANSCO, Madurai has furnished an Undertaking that they will not cause damage to any other Utility and if any damage caused, then have to pay the loss to NHAI or concerned agency. Further mentioned

Urbh

that Superintending Engineer, GCC, TANTRANSCO, Madurai will shift the EB lines/Poles when requested by the NHAI at their own cost.

5) As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016 the proposal submitted by the applicant will be made available for public comments and the comments is invited within 30 days from the date of uploading.

In view of the above, comments of the public on the above proposal is invited to the below mentioned address:

Regional Officer,
National Highways Authority of India,
No.2nd & 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road, Mattuthavani,
Madurai - 625 007.

भवदीय

(आर. मुरुगप्रकाश | R .Murugaprakash)

उप महाप्रबंधक (तक) | Dy.General Manager (Tech)

क्षे.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

1. The NIC, New Delhi - for uploading in the Ministry's website.
2. PD, Nagercoil- for information.

List of Correspondences

Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1462080/2025/PIU - NAGERCOIL	भाराराप्रा – पीआईयू - नागरकोइल - NHAI - PIU, Nagercoil – Operation and Maintenance of Nagercoil – Kavalkinaru section from Km. 0+000 to Km. 16+276 of NH-944 – Request for permission for crossing of 230 KV DC Line in Muppandal 230/110KV SS to the existing S.R.Pudur – Koodankulam – Sankaneri 230KV DC line across at Km.16+300 of NH-944 - Reg.	Receipt		09/12/2025 05:46 pm		1-51	भाराराप्रा – पीआईयू - नागरकोइल - NHAI - PIU, Nagercoil – Operation and Maintenance of Nagercoil – Kavalkinaru section from Km. 0+000 to Km. 16+276 of NH-944 – Request for permission for crossing of 230 KV DC Line in Muppandal 230/110KV SS to the existing S.R.Pudur – Koodankulam – Sankaneri 230KV DC line across at Km.16+300 of NH-944 - Reg.



सत्यमेव जयते

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

उप महाप्रबंधक (तकनीकी) सह परियोजना निदेशक के कार्यालय, परियोजना कार्यान्वयन इकाई
Office of the Deputy General Manager (Tech) cum Project Director, Project Implementation Unit
नंबर .395/3-1, M.S. सड़क, मजेस्टिक कॉलनी, अय्यप्पन मंदिर के पास, पार्वतिपुरम, नागरकोविल - 629 003, तमिलनाडु
No.395/3-1, M.S. Road, Majestic Colony, Near Ayyappan Koil, Parvathipuram, Nagercoil - 629 003, Tamilnadu
दूरभाष / Tele : +91 4652 279155 वेब / Web : www.nhai.org ई-मेल / E-mail : kanya@nhai.org, nhainagercoil@gmail.com



NHAI/PIU/NGL/NH-944/OHT/NOC/SE-1/2025/2750

Date: 04.12.2025

सेवा में | To,

The Regional Officer,
Madurai Region,
National Highways Authority of India,
Madurai.

महोदय | Sir,

विषय | SUB : भाराराप्रा - पीआईयू - नागरकोइल - NHAI - PIU, Nagercoil - Operation and Maintenance of Nagercoil - Kavalkinaru section from Km. 0+000 to Km. 16+276 of NH-944 - Request for permission for crossing of 230 KV DC Line in Muppandal 230/110KV SS to the existing S.R.Pudur - Koodankulam - Sankaneri 230KV DC line across at Km.16+300 of NH-944 - Reg.

प्रसंग | Ref: 1. The Superintending Engineer, GCC, Madurai lette no. SE/GCC/MDU/AEE/Teck/DB/CHD/F.Approval/D.No.1038/2025 dt. 24.11.2025.
2. MoRTH NOC portal application No. 20251128/1/4/35175/19730
3. Authority Engineer letter no. FPPM/235038/AE/NHAI/NH-47B/2025/1919 dt. 02.12.2025.

** ** *

It is kindly submitted that, the Superintending Engineer, GCC, TANTRANSCO, Madurai(Applicant) has requested permission for crossing of 230KV in Muppandal 230/110 KV SS Overhead transmission line at Km. 15+300 across the National Highway NH-944.

2. The site has been inspected by the Authority Engineer and comments are furnished vide ref. 3rd cited. The proposal has been examined in lieu of Ministry Circular No. RW/NH 33044/29/2015/S&R(R) dated 22.11.2016, IRC: 32-1969 and other relevant MoRTH circulars and the following details are submitted for kind perusal.



- i. The details of Overhead transmission line across the stretch of the project alignment are as follows:

S. No	Chainage	Side	Type	Length (m)	Remarks
1	Across at Km. 15+300	Across	230KV	60	Across only

- ii. The proposed overhead towers across National Highway are to be laid outside ROW.
- iii. The supervision of the overhead crossing works will be done by the TANTRANSCO.
- iv. The Applicant has submitted an agreement in the prescribed format to be executed in case the approval is accorded.
- v. The proposed vertical clearance to bottom conductor is mentioned as 18.49 m from FRL and the same is shown in layout drawing enclosed in the instant proposal. Further, as per Central Electricity Authority Notification dated 08.06.2023 the minimum vertical clearance should be 12.52m. Hence, vertical clearance for 230 KV overhead Transmission line has been maintained. Also the applicant has mentioned to maintain minimum vertical clearance of 13m in Undertaking.
- vi. CEA/IRC guidelines shall be strictly followed w.r.t. minimum clearance between the lowest conductor and FRL. In future, if FRL is raised then the raising will be done by the applicant at its own cost.
- vii. The applicant will be responsible for any hazard during the erection of 230KV Over Head Electrical Line along and across NH.
- viii. Angle of crossing for the proposed towers is 90 degree to the Project Highway.
- ix. The applicant has submitted the necessary undertakings in the prescribed format as mentioned in the Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.



- x. The license fee has been calculated in line with the MoRTH policy guidelines dt. 22.11.2016 and NH-36094/01/2022 - S&R(P&B) dated 17.04.2023, the license fee for 5 Year is Rs.58,921/- (Fifty eight thousand nine hundred twenty one rupees only), the details of calculation is mentioned in "Annexure - I" herewith for kind perusal.
- xi. The permission can be cancelled at any time by Authority for breach of any condition brought out above and for any condition imposed by Competent Authority while granting approval and working permission or licence agreement. Licensee shall not be entitled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.
- xii. In case of any damage caused to any asset of Authority (including plantation), the working permission shall be withdrawal till proper restoration to the satisfaction of Authority and in case of failure of applicant to ensure proper rectification, the amount shall be forfeited by the Authority from the Bank Guarantee submitted by the applicant for which the Licensee shall not have any right to make objections/claims.
- xiii. The amount for Performance Bank Guarantee has been calculated in line with the MoRTH policy guidelines dt. 22.11.2016 as detailed below:

Sl. No.	Chainage	Bank Guarantee Amount		
		Rate per m	Length	Amount
1	Across(at Km.15+300)	1,00,000	-	1,00,000
	Total			1,00,000

3. In view of the above, it is requested that necessary permission may please be granted by the Competent Authority to the Authorized Signatory M/s TANTRANSCO for crossing of 230KV in Muppandal 230/110 KV SS Overhead transmission line across the National Highway at Km. 15+300 of NH-944.

Encl: as above.



भवदीय | With Regards,

[Handwritten signature]
04/12/2025

परियोजना निदेशक | Project Director
पीआईयू - नागरकोइल | PIU - Nagercoil.

Annexure - I										
Sl. No.	Abutting Village	Chainage		Side	Length(m)	Width(m)	Utilised NH Land Area In Sq.Mrt	Prevailing Circle rate of Land/ sq.m	License Fee for One Month	Remarks
		From	To							
1	Aralvaimozli	15+300		Across	60.00	9.4	564	1235.50	696822.00	
			Total (A)						₹ 6,96,822.00	
									₹ 10,452.33	
									₹ 11,079.47	
									₹ 11,744.24	
									₹ 12,448.89	
									₹ 13,195.83	
									₹ 58,920.76	

Application Details [20251128/1/4/35175/19730]	
Highway	NH47B [NH47B]
Name of Highway Authority	
Highway Administration Address	
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	TANTRANSCO Address: Assistant Executive Engineer Transmission Line Construction Parvathipuram Nagercoil, Kanyakumari (TAMIL NADU), PIN: 629003 Phn: 09442203110 Email: aeetlcngl@tnebnet.org
Application Category	Public Utility
Utility	Towers
State	TAMIL NADU
Type	New
Remarks	230KV Overhead Line crossing at Km.15+300 of NH-944
Submitted On	28 Nov 2025 11:12:01

Details		
1. Length in Meters *		60
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		30
II. Right side from center line towards increasing chainage OR km direction *		30
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		100
II. Right side from center line towards increasing chainage OR km direction *		100
4. Proposal to acquire the land		
I. Left side from center line *		0
II. Right side from center line *		0
5. Whether proposal is in the same side where land is not to be acquired *		No
If not then where to lay the cable *		NA
6. Details of already laid services if any along the proposed route *		TANTRANSCO 110Kv Overhead crossing at Km. 14+800
7. Number of Existing lanes *		4 Lane
8. Proposed number of lanes *		4 Lane

9. Service road Exists *	No
10. Proposed Service road	
Left side from center line	0
Right side from center line	0
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *	N/A
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *	NA
13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *	NA
I. Whether the existing drainage structures are allowed to carry utility pipeline. *	NA
II. Is it on a line normal to NH? *	No

<p>III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *</p>	0.00
<p>IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/ cable Mention type of casting. *</p>	NA
<p>V. Ends of the casing/ conduit pipe shall be sealed from outside, so that it does not act as a drainage path *</p>	NA
<p>VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *</p>	NA
<p>VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *</p>	NA

VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. *

NA

14. Whether the proposal satisfies the following:

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 2 M width, duly keeping in view the future widening. *

NA

II. Where land is yet to be acquired for 4 laning and the 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 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *

NA

<p>III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. *</p>	NA
<p>IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. *</p>	NA
<p>V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. *</p>	NA
<p>15. Document/Drawings enclosed with the proposal *</p>	No

I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *

II. Cross section showing the size of pit and location of cable for HDD method *

III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *

IV. Methodology of laying of the Utility Pipeline/OFC *

V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *

(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *

NA

NA

NA

NA

NA

NA

(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges 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 consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *

NA

(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *

NA

(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *	NA
(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *	NA
VI. Horizontal Directional Drilling (HDD) Method *	NA
VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *	NA
16. Draft license Agreement signed by two witnesses. *	Yes
I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/ NH/33044/29/2015/S&R dated 22.11.2016. *	Yes
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/ NH/33044/29/2015/S&R, dated 22.11.2016. *	Yes
I. Confirmation of BG has been obtained as per MoRTH guidelines *	No
18. Affidavit/Undertaking from the Applicant for following is to be furnished	

a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *	No
b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *	No
c) Undertaking Confirming all standard condition of Ministry's guidelines. *	Yes
d) Undertaking for indemnity against all damages and claims *	Yes
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *	Yes
f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *	Yes
g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *	Yes

h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *		Yes
i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/ NH/33044/29/2015/S&R dated 22.11.2016 *		Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *		Yes
k) Certificate from the applicant in the following format		
l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development		
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *		Superintending Engineer, GCC, Madurai
20. The Power of Attorney is in favour of authorized signatory? *		Yes

RTH Utility Portal

<https://morthnoc.nic.in/Auth/usersU/applicationview.cshtml?EncHid=6...>

Locations						
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	TAMIL NADU	Kanyakumari	NH47B [NH47B] (0-22.60) From Km: 15.25 To Km: 15.3	Chainage Point: 15.25 Lat: 81526.9 Lng: 773330.4	Chainage Point: 15.3 Lat: 81527.6 Lng: 773331.5	View
Documents						
Sno	Stage	Document	Mandatory		Action	
1	Under Submission	Layout and Drawings	Yes		View	
2	Under Submission	Any Other Supporting Document	No		View	
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No		--	
4	Under Submission	Safety Clearance from Directorate of Electricity	No		--	
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No		--	
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No		--	
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No		--	
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No		--	
9	Under Submission	Any Other Statutory Clearance as applicable	No		--	

Applicable Fee Details					
Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	114975.63	

TAMILNADU TRANSMISSION CORPORATION LIMITED
PERMISSION FOR CROSSING OF 230 KV DC OVER HEAD
ELECTRICAL POWER TRANSMISSION LINE AT KM. 15+300

SECTION

OPERATION AND MAINTENANCE OF FOUR LANING OF NAGERCOVIL-
KAVALKINARU SECTION FROM 0+000 TO 16+276 OF NH-944 IN THE
STATE OF TAMIL NADU.

NAME OF WORK

CROSSING OF 230 KV DC LINE IN MUPPANDAL 230/110KV SS TO THE
EXISTING S.R.PUDUR – KOODANKULAM – SANGANERI 230KV DC LINE

APPLICANT

THE SUPERINTENDING ENGINEER/GCC,
TRANSMISSION/TANTRANSCO,
MADURAI.

AUTHORITY

THE PROJECT DIRECTOR,
NATIONAL HIGHWAYS AUTHORITY OF INDIA,
PIU - NAGERCOIL.

CHECK LIST

Guidelines for project directors for processing the proposal for crossing of 230 KV Overhead Transmission Line crossing in the land at National Highways vested with NHAI.

Permission for Crossing of Electrical 230 KV Over head crossing at Km. 15+300 of Nagercoil - Kavalkinaru from 0+000 to 16+276 section of NH-944 in the State of Tamil Nadu.

Relevant circulars:

- 1) Ministry Circular No. NH-41 (58)/68 dated 31.01.1969
- 2) Ministry Circular No. NH-III/P/66/76 dated 19.11.1976
- 3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.05.1982
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993
- 5) Ministry Circular No. RW/III-11037/1/86-DOI (ii) dated 19.01.1995
- 6) Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999
- 7) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.09.2003
- 8) Ministry Circular No. RW/NH-III-34044/27/2005-S&R dated 21.09.2010
- 9) Ministry Circular No. RW/NH-III-34044/27/2005-S&R dated 22.11.2016


Check list for getting approval for Erection of Overhead Electrical line on NH land

S.No	Item	Information/Status	Pg No
1.0	General Information		
1.1	Name and Address of the Applicant	The Superintending Engineer ,GCC, TANTRANSCO, Madurai	
1.2	National Highway Number	NH-944	
1.3	State	Tamilnadu	
1.4	Location	Nagerkovil -Kavalkinaru from 0+000 to 16+276 section of NH- 944	
1.5	Chainage In km	KM .15+300	
1.6	Length in Meters	Only road crossing 60.0 Mtr	
1.7	Width in available ROW		
	(a) Left side from center line towards increasing chainage/km Direction.	30 M	
	(b) Right side from center line towards increasing chainage/km Direction.	30 M	
1.8	Proposal to erection of EB Tower		
	a) Left side from center line towards increasing chainage/km Direction.	100.0 M	
	(b) Right side from center line towards increasing chainage/km Direction.	100.0 M	
1.9	Proposal to acquire land		
	(a) Left side from center Line	Nil	
	(b) Right side from center Line	Nil	


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO, MADURAI-7


PROJECT DIRECTOR
NHAI, PIU, Nagercoil

1.10	Whether proposal is in the same side where land is not be acquire, If not then where to lay the underground pipeline.	NA	
1.11	Details of already laid services, if any along the proposed route	NA	
1.12	Number of lanes (2/4/6 lanes) Existing	4 lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes	NA	
1.14	Service road Existing or not If yes then which side	No	
	(a) Left side from center Line	Nil	
	(b) Right side from center Line	Nil	
1.15	Proposed Service Road		
	(a) Left side from center Line	NA	
	(b) Right side from center Line	NA	
1.16	Whether proposal to erection of overhead line is after the service road or between the service road and main carriage way.	NA	
1.17	The permission for erection of overhead line shall be considered for approval/rejection based on Ministry Circular mentioned as above. (a) Carrying of Sewage/gas pipelines in highway bridges shall not be permitted Fumes/gases pipe can be accelerate the process of corrosion or may cause explosions, thus being much more injurious of water. (b) Carrying of water pipelines on bridges shall be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridges si finalized, they may be permitted to carry the pipeline in Independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repair, etc., Cost of required extension of the substructure as well as that of the supporting structure shall be borne by the agency-in - charge of the utilities, (d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, safety of the bridges has to be kept in view while permitting various 'services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.	NA	


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSO, MADURAI-7.


PROJECT DIRECTOR
NHAI, PIU, Nagercoil

1.18	No of application on the same stretch	Second	
2	Document/Drawings enclosed with the proposal	Yes(Enclosed)	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2 m deep X0.3m wide)		
	(a) Should not be greater than 60cm in wider that the outer diameter of the pipe. (b) Located as close to the extreme edge of the right of way as possible but not less than 15 meter from the center lines of the nearest carriageway (c) Shall not be permitted to run along the NH when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges. (d) These should be so laid that their top I at least 0.6 m below the ground level so as not to obstruct drainage of the road land.	NA	
2.2	Cross section showing the size of pit location of cable for HDD method	NA	
2.3	Strip plan/Route plan showing the Overhead Electrical line, Chainage, Width of RoW distance, Important mile stone, and intersections etc.	Yes Show in Drawing	
2.4	Methodology for erection of overhead electrical line.	Manual erection of 230 LS+9 DC Tower on DC line.	
2.41	Open Trenching method. (May be allowed in utility corridor only while pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	NA	
3	Draft License Agreement signed by Two witness	Yes	
4	Performance Bank guarantee	Would be obtained after approvals of the Proposals	
4.1	Performance BG as per ministry's Circular No. RW/NH-11044/27/2005-S &R ® dated 22.11.2016 to be obtained @ Rs 100/- per meter length	Applicable at later late	
4.2	Confirmation of BG gas been obtained as per NHAI guidelines	To be Obtained at the time of Execution of agreement	


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANJAVUR


PROJECT DIRECTOR
NHAI, EIU, Nagercoil


5	Affidavit/Undertaking from the Applicant	Undertaking is enclosed is herewith	
5.1	Not be Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantee	Yes will be obtained after submission of BG	
5.3	Confirming all standard condition of NHAI's Guideline	Yes	
5.4	Shifting of OH line as and when required by NHAI at their own cost (under taking)	Yes	
5.5	Shifting due to 6laning/widening of NHAI	Yes	
5.6	Indemnity against all damages and claims clause (XXIV)	Yes	
5.7	Traffic movement during laying of water ^{ER} supply pipe pipeline to be managed by the applicant	Yes	
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 of repairs, or alternations to the showing water supply pipeline located in NH right of ways	Yes	
5.10	Expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying maintenance or shifting of the water supply pipe line will borne by the agency owning the line.	Yes	
5.11	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 as desired by the NHAI at the cost of agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Yes	


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO, MADURAI-7


PROJECT DIRECTOR
NHAI, PIU, Nagercoil
TRANSNORTH DEPARTMENT

5.12	Certificate from the applicant in the following format (a) Laying of overhead electrical line will not have any deleterious effects on any of the bridge components and road way safety for traffic (b) For 6-laning "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 - laning or any other development."	Yes	
6	Who will sign the agreement on behalf M/S SE/GCC/MDU	The Superintending Engineer ,GCC, TANTRANSCO, Madurai	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry circular No.RE/NH-11044/17/2000-S&R dated 29.09.2000 and NHAI,s guidelines issued vide no. NHAI/OEC/2K/VOL II dated 7.11.2000 NAD Ministry Circular No RW/NH-11044/27/2005- S&R (pt) dated 06.08.2013 and Ministry Circular No. RW/NH-11044/27/2005-S &R ® dated 22.11.2016	Yes	
7.2	Certificate for 6-laning from PD in the following format	Yes	
	(a) Where Feasibility is available "I do certify that there will be Hindrance to proposed six laning based on the feasibility report considering proposed structure 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	
8	If NHAI 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 of way to the concessionaire under the concession agreement for up-gradation of Madurai Tuticorin section of NH-45B on O&M basis and therefore the license shall honor the same"	Yes	


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO, MADURAI


PROJECT DIRECTOR
NHAI, PIU, Nagercoil

9	Who will supervise the work of erection of overhead electrical line	TANTRANSCO officials	
10	Who will ensure that the defects in road portion after erection of overhead electrical line are corrected and if not corrected then what action will be taken	The Superintending Engineer ,GCC,TANTRANSCO, Madurai- BG will be enchased .Claimed amount will be determined according to the nature and seriousness of damage.(If any defects in road portion, BG will be enchased by NHAI)	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	The Superintending Engineer ,GCC, TANTRANSCO, Madurai	
12	A certificate from PD that he will either the proposed permissions in the register of records of the permissions in the prescribed Performa (Copy Enclosed) issued vide ministry circular No. RW/NH/11044/17/2000/S&R R dated 23.07.2003 & 06.08.2013 and Ministry Circular No. RW/NH-11044/27/2005-S&R @ dated 22.11.2016.	No	
13	If any previous approval is accorded for erection of overhead electrical line then photocopy of register of records of permission accorded as maintained by PD then copy be enclosed	Yes (copy enclosed)	


PROJECT DIRECTOR
NHAI, PIU, Nagercoil


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO/MADURAI-7.

Permission for Crossing of 230 KV over head line crossing at Km. 15+300 of Nagercovil– Kavalkinaru from Km. 0+000 to Km. 16+276 section of NH-944 in the State of Tamil Nadu.

GENERAL TO ACCOMPANY ALL PROPOSAL

CHECK LIST

GENERAL

1	Whether the site plan is drawn to scale of 1:5000 or 1:2500 and enclosed	Not to Scale
2	Whether the details for 100 m either side of utility laying have been furnished	NA
3	Does the plan is shown in full	Yes
	a. NHAI boundary line with distance from center line of the road marked at salient points where the land width is changing and also 200 m interval.	Yes
	b. The berm, line distance form center line of proposal with Change showing and distance from NHAI center line	Yes
	c. Center line of pavement and parent edge line Yes marked distinctly	Yes
	d. The locations of the utility line of proposal with Change shoeing exact location and distance from NHAI Center line	Yes
	e. Median if any marked to scale	Yes
	f. The Existing culverts/drainage works with diversions	Yes
A	Purpose of the proposal in details	Tamilnadu Transmission Coporation - crossing of 230KV DC line on DC Towers from the proposed Muppandal 230/110KV SS to the existing S.R.Pudur – Koodankulam – Sangneri 230KV DC line
B	Exact Location of the proposal	EB Tower Crossing at Km 15+300 of Nagercovil– Kavalkinaru from 0+000 to 16+276 section of NH-944
C	Whether the applicant is private agency or Govt. Agency	Government department
D	Any time schedule fixed for the completion of the proposal made	As quickly as possible
E	Reason why the proposal could not be accommodate outside the NH land	Overhead Electrical line only
F	Whether any other location other hat this difficult or Costly	NA
G	Whether the proposal, if implemented, will affect the design stability and traffic safety of national Highways	No
H	Whether the proposal, if implemented now will affect any likely future improvement, such as improvements in geometric	No
I	If there any proposal improvements, in this stretch of likely to be sanctioned in the near future where they will be affected by this	No


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TRANSCO, MADURAI

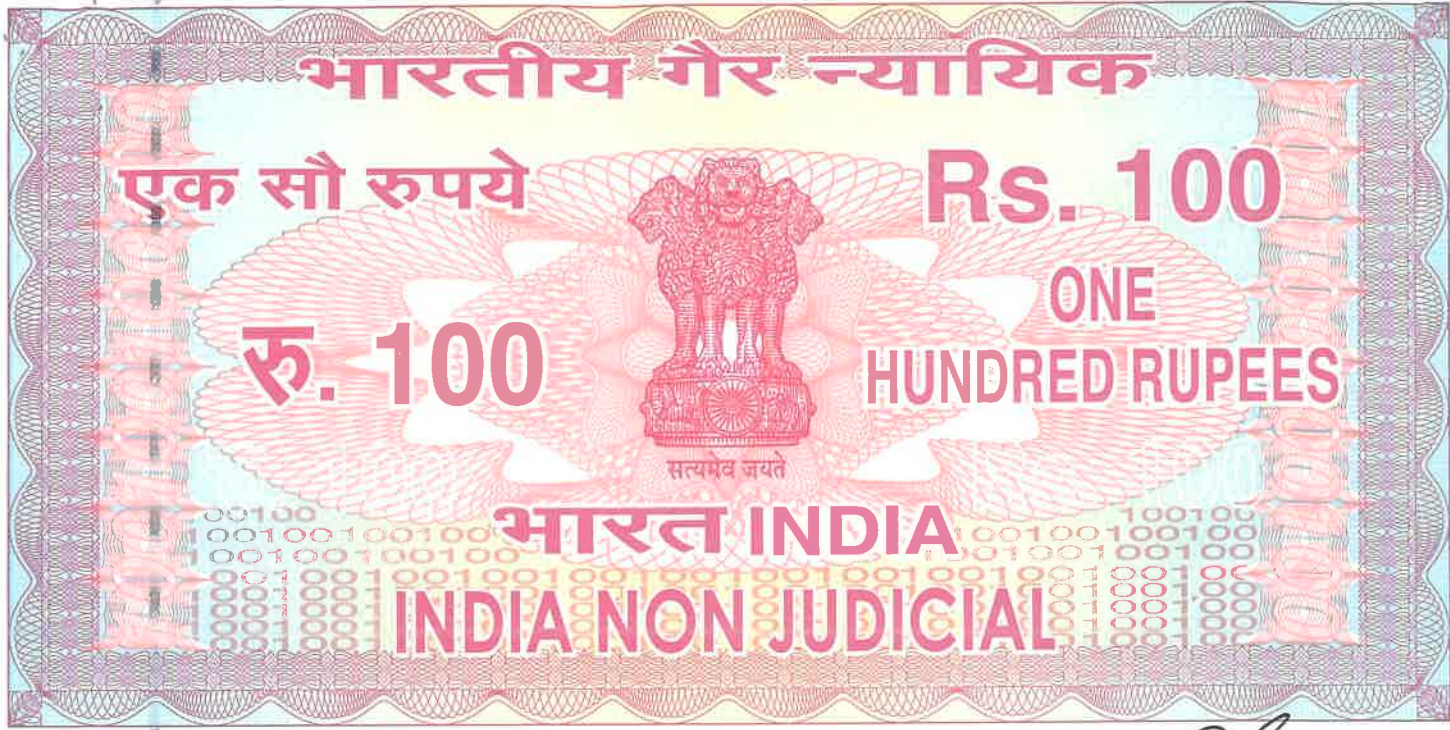

PROJECT DIRECTOR
NHAI, PIU, Nagercoil

CERTIFICATE

- 1.This proposal when implemented will not affect the design stability and traffic safety of National Highways Authority of India.
- 2.This proposal implemented now, will not affect any likely future improvements such as improvements to geometrics.
3. There is no proposal for improvements in this stretch likely to be sanctioned near future.
4. This proposal is in accordance with the Government of India specifications.
5. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.

The above mentioned rules have been noted for guidance.


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO/MADURAI-7.



தமிழ்நாடு தமில்நாடு TAMILNADU

தமிழ்நாடு

SE / GCC
Madurai

100/- நாள்: 17/11/2025

FC 312049

என். ஆர். சுந்தரம் பிள்ளை
முத்திரைத்தாள் விற்பனையாளர்
உரிமம் எண்: 28/2008 நாள்: 20-8-2008
பட்டேல் இன்ஸ்டிடியூட், 108, கோம். ரோடு
நாடர்கோவில்-1.

UNDERTAKING

We the Superintending Engineer, General Construction Circle, Madurai proposed crossing of 230 KV DC line on DC tower with ZEBRA conductor from the proposed Muppandal 230/110KV SS to the existing S.R.Pudur – Koodankulam–Sanganeri 230KV DCline over head line crossing at Km. 15+300 of Nagercoil– Kavalkinaru from 0+000 to 16+276 section of NH-944 in the State of Tamil Nadu.

We hereby undertake the standing conditions of NHAI Guidelines.

1. **Not to damage to other utility, If damaged then to pay the Losses either to NHAI or to the concerned agency:** Regarding the location of other Overhead Electrical lines / Pipelines, underground installation / utilities etc The Superintending Engineer, GCC, Madurai shall be responsible to ascertain from the respective agency in coordination with NHAI. The Superintending Engineer, GCC, Madurai shall be responsible for safety of all construction works such as erection of towers, stringing of line along and across the NH Road.


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSO, MADURAI-7.



தமிழ்நாடு தமிழ்நாடு TAMILNADU

தமிழ்நாடு

SE/GCC
Madurai

நாள்: 17/11/2025

FC 312050

என். ஆர். சுந்தரம் பிள்ளை

முத்திரைத்தாள் விற்பனையாளர்

உரிமம் எண்: 28/2008 நாள்: 20-8-2008

பட்டை இன்ஸ்டிடியூட், 108, கோர்ட் ரோடு
நாடர் கோவில் - 1.

2. **Renewal of Bank Guarantee:** The Superintending Engineer, GCC, Madurai furnish a bank guarantee @ Rs. 100 per running meter to the NHAI. For a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the erection of electrical overhead line should be minimum 13.00 m vertical clearance as per IRC. No payment shall be payable by the NHAI to The Superintending Engineer, GCC, Madurai for clearing debris /loose earth. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee. The Superintending Engineer, GCC, Madurai shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.

In case of The Superintending Engineer, GCC, Madurai, falling to discharge the obligation of making good the excavated trench, NHAI shall have aamount by invoking the bank guarantee furnished by The Superintending Engineer, GCC, Madurai.

3. **Confirming all standard conditions of NHAI:**

- i. The period of validity of way leave permission shall be co-terminus with the validity of licensee given by the Ministry of communication/DOT.

- ii. Existing CD works shall not be allowed for laying overhead line and shall be crossed by The Superintending Engineer, GCC, Madurai method only.
 - iii. The NHAI has a right to terminate the permission or to extend the period of agreement. In case The Superintending Engineer, GCC, Madurai wants shifting, repair or alteration to over head lines, It will have to furnish a separate bank guarantee.
 - iv. The Licensee shall not without prior permission In writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said erection of overhead line.
 - v. The permission granted shall not in any way be deemed to convey to The Superintending Engineer, GCC, Madurai any ownership right or any interest in route/road/highway/land/property, other than what is herein expressly granted.
 - vi. During the subsistence of this agreement, the laying over head lines /ducts located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right The Superintending Engineer, GCC, Madurai to the use thereof shall not become absolute and indefeasible by laps of time.
 - vii. The Superintending Engineer, GCC, Madurai shall bear the stamp duly charged for the agreement.
 - viii. The over head lines shall not be brought in to use by The Superintending Engineer, GCC, Madurai unless a completion a certificate to the effect that the laying pipelines has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co- ordination with the owner has been obtained.
 - ix. Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the breach of any condition of the same and The Superintending Engineer, GCC, Madurai 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.
 - x. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NHAI is required to do some emergent work, The Superintending Engineer, GCC, Madurai will provide an observer within 24 hours. NHAI will not responsible for any damage of any kind by what so ever means natural or otherwise.
4. The enforceability of the ROW permission granted herd in shall be restricted to the extent of provisions/scope of service contained/defined in the licensee agreement of the licensee with The Superintending Engineer, GCC, Madurai and for the purpose for which it is granted. Either by content or by intent the purpose extending this ROW facility is not enhance the scope of The Superintending Engineer, GCC, Madurai.
 5. **Shifting of OHL as and when required by NHAI:** The Superintending Engineer, GCC, Madurai shall shift the pipelines within 90 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the Overhead electrical lines. In case, it is so required for the purpose of improvement/widening

of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at its own cost and risk.

6. **Shifting due to 4 lining/widening of NH:** After the termination/expiry of the agreement, The Superintending Engineer, GCC, Madurai, shall remove the Overhead electrical lines within 90 days and the site shall be brought back to the original condition failing which The Superintending Engineer, GCC, Madurai will lose the right to remove the overhead electrical lines. However before taking up the work of removal of overhead lines The Superintending Engineer, GCC, Madurai shall furnish bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the erection of electrical overhead lines should be 6.5m vertical clearance.
7. **Traffic movement during laying of OHL to be managed by the applicant:** If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of The Superintending Engineer, GCC, Madurai.
8. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** The Superintending Engineer, GCC, Madurai shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect of consequential damage caused to them/claims or replacement sought for, at the cost and risk of The Superintending Engineer, GCC, Madurai. The concerned agency in coordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of bank guarantee furnished The Superintending Engineer, GCC, Madurai fails to comply with the condition 5 and above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of The Superintending Engineer, GCC, Madurai.
9. We The Superintending Engineer, GCC, Madurai hereby do undertake to furnish a performance bank guarantee@ 100/- per meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/ unsatisfactory compaction/damages caused to other underground installation utility services & interference Interruption, disruption of failure caused thereof to any services etc. in case, The Superintending Engineer, GCC, Madurai failing to discharge the obligation of making good the damages caused due to excavated trench, the NHAI shall have a right to make good the damages caused due to excavation at the cost of The Superintending Engineer, GCC, Madurai 'and recover the amount by invoking the bonk guarantee. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission within a period of 11 months from the date of issue of the bank guarantee. The Superintending Engineer, GCC, Madurai shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
10. Not to damage to other utility, if damaged, then it pay the losses either to NHAI or to the concerned agency.
11. We shall inform the officers of NHAI at least 15 days in advance before starting the work.

12. We shall not, without the prior permission in writing of the concern officers of the NHAI undertake the any shifting and other alteration works of this erection of power lines.
13. NHAI shall not be responsible for any damage caused to the power supply lines or by any activity of our side on the permitted highway. The parties are agreed that we are laying the power supply lines on the permitted highway at its own cost.
14. The excavated tower pit shall be properly back filled, so as to restore the land in the same in the condition as it was before the excavation of the pits and shall clear the debris/loose earth produced from the execution of the tower erection lines.
15. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission within a period of 11 months from the date of issue of the bank guarantee. The Superintending Engineer, GCC, Madurai shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
16. We will relocate the overhead electrical lines/utilities at our own cost notwithstanding the permission granted within such times as shall be stipulated by NHAI for future six lining or any other development.
17. We The Superintending Engineer, GCC, Madurai hereby undertake that the existing avenue plantation is not affect due to the present proposed erection of 230KV over head line crossing at Km. 15+300 of Nagercovil- Kavalkinaru from 0+000 to 16+276 section of NH-944 in the State of Tamil Nadu.
18. We The Superintending Engineer, GCC, Madurai hereby undertake to erection of electrical supply line will not have any deleterious effects on any of the bridge components and road way safety for traffic.
19. We agree indemnity against all damages and claims clause XXIV.
20. We are confirming the standard conditions of NHAI's Guidelines.
21. We shall be responsible for shifting of the electrical line as and when required by NHAI at their own cost.
22. We undertake that vertical clearance is 13.00 Meter from FRL (Finishing Road Level).
23. We The Superintending Engineer, GCC, Madurai hereby undertake that the pay the fee/rent as mentioned in the Ministry's Guidelines Lr. No.RW/NH-33044/27 2005- S&R(R) dated 21-09-2010 as and when asked by NHAI.
24. We The Superintending Engineer, GCC, Madurai hereby undertake that crossings of all cross roads at grade separators, at grade junctions and wherever required and in the build-up areas as per the instructions of NHAI officials.
25. Lr.No. RW/NH-33044/27/2005-S&R® dated 21.09.2010 as and when asked by NHAI. Reference circular issued by Ministry of Road Transport & Highways, GOI, Circular No.

RW/NH-33044/27/2005-S&R® dated 21' September 2010. Where in, the last paragraph that " The Highway Administration Rules 2004 will be modified according This circular will come in to effect from the date of notification of the modified "Highway Administrative Rule". So we hereby give our consent to abide by the content of this circular from the date of its notification by MoRT&H, GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO/MADURAI-7.



தமிழ்நாடு தமில்நாடு TAMILNADU

தமிழ்நாடு

SE/GCC
Madurai

நாள்:

17/11/2025

FC 312051

என். ஆர். சுந்தரம் பிள்ளை
முத்தியைத்தான் விற்பனையாளர்
உரிமம் எண்: 28/2008 நாள்: 20-8-20
பட்டேல் இன்ஸ்டிடியூட், 108, கோர்ட் ரோட்
நாகர்கோவில் - 1.

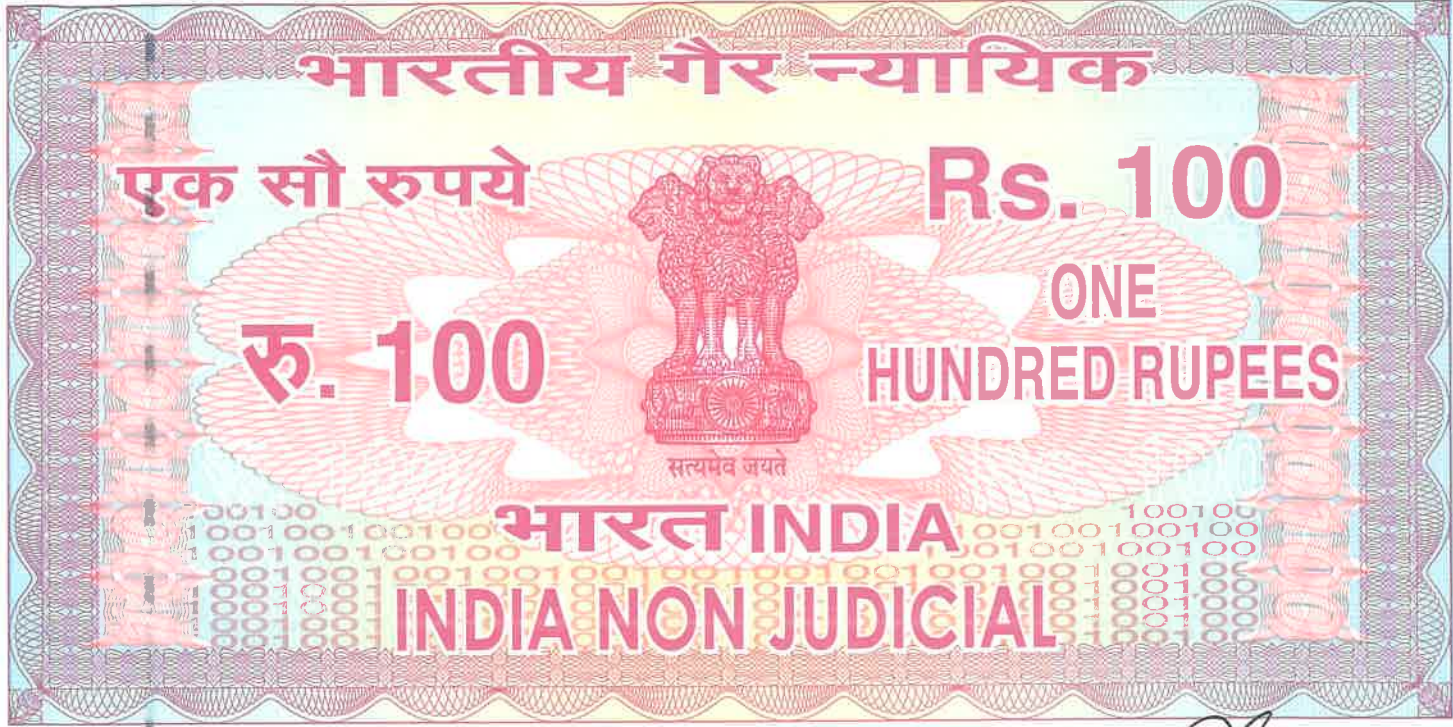
INDEMNITY BOND

Name of the Work: Tirunelveli Division – Nagercoil sub division - Crossing of 230 KV DC line on DC tower from the proposed Muppandal 230/110KV SS to the existing S.R.Pudur – Koodankulam– Sanganer 230KV DC line over head line crossing at Km. 15+300 of Nagercoil– Kavalkinaru from 0+000 to 16+276 section of NH-944 in the State of Tamil Nadu.

Indemnity against all damages and claims as per SI.No 5.6 of Checklist:

We the Superintending Engineer, General Construction Circle, Madurai or in do here by indemnify project Director, NHAI, PIU, binding ourselves to pay all the losses and claims in respect of laying erection of 230 KV DC line on DC tower with ZEBRA conductor from the


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSO, MADURAI-7.



தமிழ்நாடு தமில்நாடு TAMILNADU

தமிழ்நாடு

SE/GCC
Madurai

நாள்:

17/11/2025

FC 312052

என். ஆர். சுந்தரம் பிள்ளை

முத்தியைத்தாள் விற்பனையாளர்

உரிமம் எண்: 28/2008 நாள்: 20-8-20

பட்டேல் இன்ஸ்டிடியூட், 108, கோர்ட் ரோ
நாகர்கோவில்-1.

proposed Muppandal 230/110KV SS to the existing S.R.Pudur – Koodankulam – Sanganeri 230KV DC line over head line crossing at Km. 15+300 of Nagercovil– Kavalkinaru from 0+000 to 16+276 section of NH-944 in the State of Tamil Nadu or maintenance thereof and against all claims, proceedings, damages, costs, charges and expenses or maintenance thereof and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof in relation thereto. Failing such payments of claims in the above work we abide in accepting for recovery of such claims affected from any of our assets.

SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO/MADURAI-7.

Enclosure to Ministry of Road Transport & Highway Letter No.RW/NH- 33044/27/2005/S & R (R) (PT.) dated 22.11.2016.

Annexure-1

GUIDELINES FOR GRANTING RIGHT OF WAY PERMISSIONS TO TELECOM SERVICE LICENSEES / INFRASTRUCTURE PROVIDES FOR LAYING OF TELECOM CABLES /DUCTS/OVERHEAD LINES ON NHAI LAND

Government has realized the need for creating a robust telecommunication infrastructure with adequate bandwidth at affordable rates in order to promote development and proliferation of information Technology, Electronic Governance, E-Commerce convergence of information, communication and entertainment sectors so as improve the state of economy, enhance the quality of life of the citizen and to ensure development of urban and rural areas with equity throughout the country.

The Department of telecom (DoT), Ministry of communications, Government of India has issued the National Telecom Policy 2012 in the recent past which enunciates the need to review and simplify sectoral policy for granting right of Way (R o W) for laying cable networks among others.

Keeping the above objectives in view, the following broad guidelines are being recommended by the Ministry of Road Transport & Highway (MoRTH), under which Row permissions may be granted o licensed telecom operators and registered infrastructure provider for lying Telecom Cables including Optical Fibre Cables (OFC)/Ducts under, over, along, across, in upon a property vested in or under the control or management of a local authority or of any other person including public authority, public corporation, autonomous body, State Govt. or central Govt, in their respective licensed service area during the currency of their license.

1. Any authorized Licensee of DoT/Registered Infrastructure Provider is eligible to seek/avail Row facility/permission. However, enforceability of the permission so granted shall be restricted to the extent of provisions/scope of service contained/defined in the Licensee & for the purpose for which it is granted.

2.Either by content or by intent, the purpose of extending RoW facility is not to enhance the scope of license of a Licensee and such RoW permissions are only enabling/facilitating in nature.

3. The cable shall always be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageways, central verge, shoulders, slopes of embankment and drains, the cables shall be laid beyond the toe line of the embankments and clear of the drain. In cases where cable ducts with sufficient space are already available along NHAI, the cables shall be laid in such ducts subject to technical requirements being fulfilled. Present policy of the MORTH is to provide a 2.00m wide utility corridor on either side of the extreme edge of RoW where required Row of at least 45m is available, which includes provision for OFC. Ducts.

4. The facility of Row for laying underground telecom cables, shall be available to all Licensee (irrespective of existing or future) and registered /licensed infrastructure providers, without

discrimination and without payment of any compensatory charges/levy/lease rentals/license fee/free bandwidth/revenue share/ cashless equity etc. subject to the condition that this Row shall be available to licensees to the extent of provisions contained in their license agreement and the reinstatement charges shall be borne by such licensees.

5. A Performance Bank Guarantee @ Rs.100 per route metre with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by each licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filing/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. The above charges of Rs.100/m is liable to be reviewed every 5 years. For clarification, it is hereby mentioned that 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 standard. 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 licensee and recover the amount by forfeiture of the Bank Guarantee. In case, the performance Bank Guarantee is invoked as mention above the license 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 satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issues 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 then by reason of the exercise of the RoW facility.

6. In order to expedite Row clearances to the licensee in a time-bound manner through an appropriate and effective approval mechanism, a committee under the chairmanship of Chief Secretary to the respective State Govts. May act as single window to co-ordinate all activities in this regard. Each State Govt, may select a Nodal Person/Secretary of a Deptt. to function as Secretary to this Single Window Clearance Committee. However, in case of NHAI land, licensees would be required to take permission from the highway administration for laying of cables. As regards NHAI routes executed by the State PWD, the concerned state Chief Engineer (NH) may act as nodal point / single window to coordinate the activities whereas in request of the NHAI routes held by NHAI & BRDB, the designated officers of NHAI & BRBD may be assigned this task.

For work involving laying of cables along National Highway Authority of India in different States or National Highway Authority of India Project of length exceeding 500Km.in case state. Project Director (Standards, Research & Technology) (R) MORTH shall be the approving authority under whom a single Window Facilitation Committee will be created.

Highway Administrator Nodal Officer shall maintain a record of all Row permissions granted in the Format give in Anneure-111 including permission given at Ministry level.

7. Row permissions may be granted by the said nodal office to a Licensed within a period of four weeks from the date of submission of completed application subject to the licensee's application being complete with route detail (including authority/ ownership of concerned section of route) and compliance to eligibility requirement, furnishing of requisite Bank Guarantee and execution of an Agreement having operational details. The above stated Single Window Clearance committee may be responsible to co-ordinate in case of any dispute for ownership of property and to expedite grant of RoW clearance thereof so as to adhere to the stipulated time- frame.

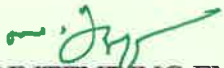
8. In case any shifting or alteration in the position of the laid Telecom Cables is required due to widening of highways and constructing of flyovers of bridges, the Licensee shall do the same at his own cost at a later date within specified period indicated by the respective agency.

9. In order to avoid repeated digging on the same routes, in cases where cables ducts with sufficient space are already available along NHAI, laying of cables shall be encouraged in such ducts subject to technical requirements being fulfilled. In cases where such ducts are not available, the first incumbent shall be allowed to lay voluntarily extra ducts/conduits with extra capacity so as to take care of future needs. The capacity/excess capacity can be commercialized by the incumbent with suitable mutual agreements with the excess capacity by the first incumbent shall not be a pre-condition for giving RoW clearances. The Central State roadways authorities may consider laying ducts/conduits at the time of construction of roads to facilitate laying Telecom Cables for which suitable charges could be imposed.

10. Licensee shall ensure safety and security of all underground installations / utilities / facilities and shall be solely responsible for compensation / indemnification of concerned authority for damage caused / claims or replacements sought for at the cost and risk of Licensee.

11. Licensee shall be liable to give a notice of 15 days with route details prior to trenching for fresh or maintenance / repair works. A separate performance Bank Guarantee for maintenance / repair works shall be furnished by Licensee.

12. The period of validity of RoW permission shall be co-terminus with the validity of licensee.



SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO/MADURAI-7.



தமிழ்நாடு தமில்நாடு TAMILNADU

தமிழ்நாடு

SE / GCC

Madurai

நாள்: 17/11/2025

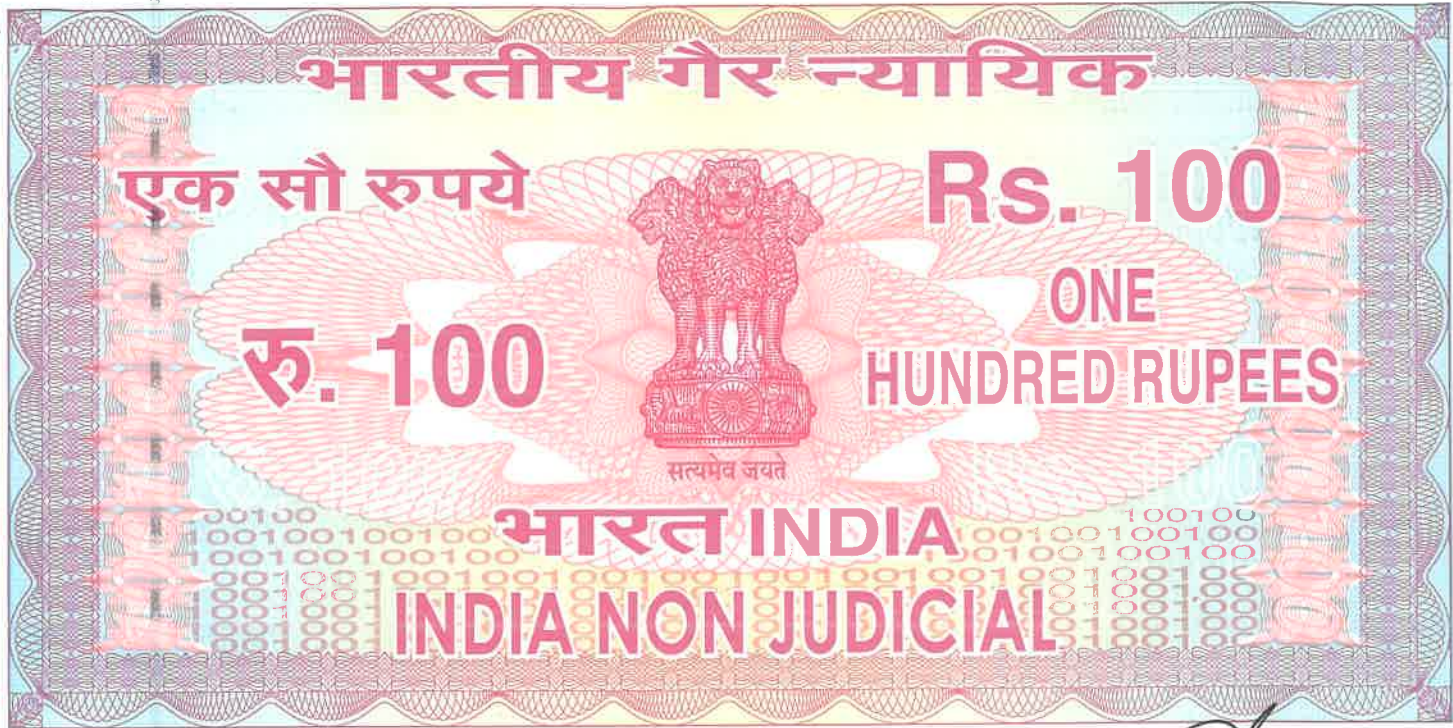
என். ஆர். கந்திரம் பிள்ளை
முத்திரைத்தாள் விற்பகையாளர்
உரிமம் எண்: 28/2008 நாள்: 20-8-20
பட்டேல் இன்ஸ்டிடியூட், 108, கோர்ட் ரே
நாடர்கோவில்-1.

LICENCE DEED FOR CROSSING OF OVERHEAD 230 KV DC PROPOSED MUPPANDAL
230/110 KV SS TO THE EXISTING S.R.PUDUR – KOODANKULAM – SANGANERI 230KV
DC LINE CROSSING ON NATIONAL HIGHWAY AT KM. 15+300 OF NH-944

Agreement to erection of 230 KV DC line on from the proposed Muppandal 230/110 KV SS to the existing S.R.Pudur – Koodankulam – Sanganer 230KV DC line at Km. 15+300 of Nagercovil– Kavalkinaru from 0+000 to 16+276 section of NH-944 in the State of Tamil Nadu.

This Agreement made this _____ days of _____ (month) 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 part, and The Superintending Engineer, GCC, Madurai, Tamil Nadu State (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO, MADURAI-7.



தமிழ்நாடு தமில்நாடு TAMILNADU

தமிழ்நாடு

SE/GCC
Madurai

நாள்: 17/11/2025

சூபாய்:

FC 312054

என். ஆர். சுந்தரம் பிள்ளை
முத்திரைத்தாள் விடுபடையாளர்
உரிமம் எண்: 28/2008 நாள்: 20-8-200
பட்டேல் இன்ஸ்டிடியூட், 108, கோர்ட் ரோ
நாடர்கோவில்-1.

WHEREAS the National Highway Authority of India is responsible for the development and maintenance of Nagercoil- Kavalkinaru from 0+000 to 16+276 section of NH-944 in the State of Tamil Nadu.

WHEREAS the Licensee has applied to the NHAI for the permission to crossing of 230 KV DC line on MC tower with A conductor from the proposed Muppandal 230/110KV SS to the existing existing S.R.Pudur - Koodankulam - Sanganer 230KV DC line over head line crossing at Km. 15+300 of Nagercoil- Kavalkinaru from 0+000 to 16+276 section of NH-944 in the State of Tamil Nadu.

And WHEREAS the NHAI have agreed to grant such permission on the terms and conditions herein after mentioned.

Now, this agreement witness that subject to the conditions hereinafter contained and the part of the Licensee to be observed and performed. NHAI hereby grant to the licensee permission to erection of overhead 230 KV electrical line in accordance with the predetermined route and the approved drawing and methodology attached hereto as annexure subject to the following conditions, namely:

SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSO, MADURAI-7.

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. Decision of the Authority in relation to fulfilment of technical requirement shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent use, the Authority shall not be held accountable or liable in any manner. 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 or their own utility/industrial infrastructure facilities.
3. The Licensee shall pay license fees @Rs...../Sq m/ month to the Authority. The License fee become payable from the date of handing over of ROW land in the Licensee for laying of overhead electrical line/ 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.
4. 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 removal, rate prevailing at the time of removal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
5. Present policy of the MORT&H is to provide a 2.00m 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.
6. 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 side furniture etc the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
7. The Licensee shall make 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 railing/parapets and the bridge superstructures. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost in account of fixing and supporting arrangement as assessed by Authority shall be payable by the Licensee.
8. In exceptional cases, where ROW is restricted the utility services can be allowed beneath 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 the 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.

9. It is be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Forwards this, the top of the utility services shall be aesthetically provided for / landscaped with required safety measures as directed by concerned Authority.
10. The utility service 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.
11. Existing drainage structures shall not be allowed to carry the lines across.
12. That the licensee shall at all time permit any duly authorized officer (or) servant of the NHAI to inspect the said erection /crossing of Overhead Electrical line.
13. The casing services shall cross the National Highway preferable on a line normal to it or nearly so as practicable.
14. The casing / conduit pipe for crossing the road may be installed under the embankment either by boring or digging a trench. Installation by boring method shall be preferred.
15. That in case of any burst or leak of Erection/crossing of Electrical line, the licensee shall bear the entire cost of the restoration or damage caused to the road.
 - a. That the licensee shall be liable for any loss or damage caused to the NHAI by drainage obstruction or any other like caused due to the said erection of electrical pole.
 - b. The backfill shall be completed in two stages (i) side-fill to the level of the top of pipe (ii) Overfill to the bottom of the road crust.
 - c. The road cross 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.
16. 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 produce due to execution of trenching at least at least 50m away from the edge of the right of way.
17. 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.
18. Prior to commencement of any work on the ground a performance Bank Guarantee @per sq m with validity of one year initially (extendable if require 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 group in terms of filling/ unsatisfactory compaction damages caused to other

underground in terms of filling / unsatisfactory compaction damages caused to other underground insulation / utility services & interference, interruption, disruption or failure caused there of any services etc. In case of the Licensee failing in 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 the licensee and recover the amount by forfeiture of the Bank Guarantee.

19. In case the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and restate the required the performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed in 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. Not with standing 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.
20. The Licensee shall shift the Overhead Electrical line within 90 days (or as specified by the respective NHAI) form the date of issue of the notice by the concerned Authority to shift/relocate the Overhead Electrical line, 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.
21. 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 Overhead lines/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 Overhead lines / underground installations/ utilities/ facilities etc.
22. 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 to make good such damages/recover the claim by forfeiture of Bank Guarantee.
23. If the Licensee fails to comply with the condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
24. 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 high way, and other roads any 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 is authorized representative in consultative with the Authority as per predetermined time schedule and quality standards. In Case of the Licensee failing to discharge the obligation of making of good of the excavated trench/ other restoration work, the Authority shall have

- a right to make good the damage caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee
25. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 days 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.
 26. Each day, the extent of digging the trenches should be strictly regulated so that cables are 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.
 27. 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 cable/ducts
 28. The permission for laying utility services is granted maximum for 5 years at a time which an 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.
 29. 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 extent the period of agreement.
 30. That the Licensee shall not undertake any work of shifting, repairs or alteration to the utility services without prior written permission of the concerned agency in coordination with the Authority.
 31. 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 ROW will be permitted for any purpose other than that specified in the agreement.
 32. During the subsistence of this Agreement, the Overhead Electrical line/Ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and infeasible by lapse of time.
 33. The Licensee shall bear the stamp Duty charged on this Agreement.
 34. Three copies of 'as laid drawings' of utilities (hard and soft copies) with Geo-tagged photographs and Geo-tagged video recordings of laying of over head lines (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record with in a month of completion of works.
 35. 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.


SUPERINTENDING ENGINEER
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36. The utility services shall not be made operational by the Licensee unless a completion certificate in the effect that the utility services has been laid in accordance with the approved specification 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 the 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.
37. The licensee shall ensure adherence to relevant India 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 manufacturers.
 - b. The requirements of Law.
 - c. The Physical conditions at the site, and
 - d. The safety of operating personnel and human beings.
38. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
39. 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.
40. After the termination/expiry of the agreement, the Licensee shall remove the Overhead electrical line/cable/ducts within 90 days and the site shall be brought back to the original condition failing which 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.
41. Any disputed in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism preventing in the Ministry and the decision of the redress mechanism shall be final and binding on all.
42. For PPP Project in case of any financial loss incurred by the respective project concessionaires due to erection of overhead electrical line / laying and shifting of utility services by the Licensee, compensation of for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MORT&H/NHAI/Implementing Authorities for the project not liable to the concessionaire in any way in this regard.

This Agreement has been made induplicate, each on a Stamp Paper; each party to this Agreement has retained one stamped copy each.


SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSO, MADURAI-7.

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF AUTHORITY


THE SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO/MADURAI-7.

THE REGIONAL OFFICER
NHAI, MADURAI

HOLDER OF GENERAL POWER OF
ATTORNEY DATED.....
EXECUTED IN ACCORDANCE WITH
THE RESOLUTION ON NIL DATED
PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON
THE PRESENCE OF (WITNESSES)

1.


18/11/2025
ASSISTANT EXECUTIVE ENGINEER
TLC / TANTRANSCO
TNEB / NAGERCOIL - 3.

2.


18/11/25
ASSISTANT ENGINEER
TLC / TANTRANSCO
TNEB / NAGERCOIL - 3

TAMILNADU TRANSMISSION CORPORATION LIMITED

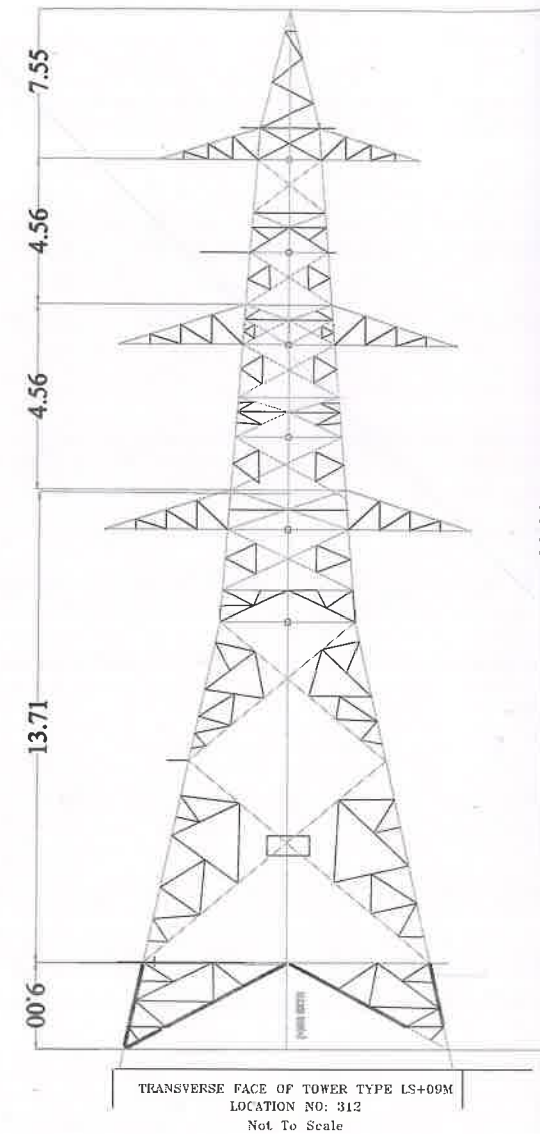
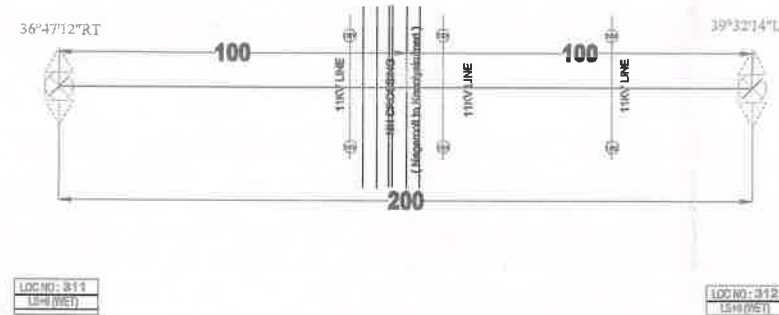
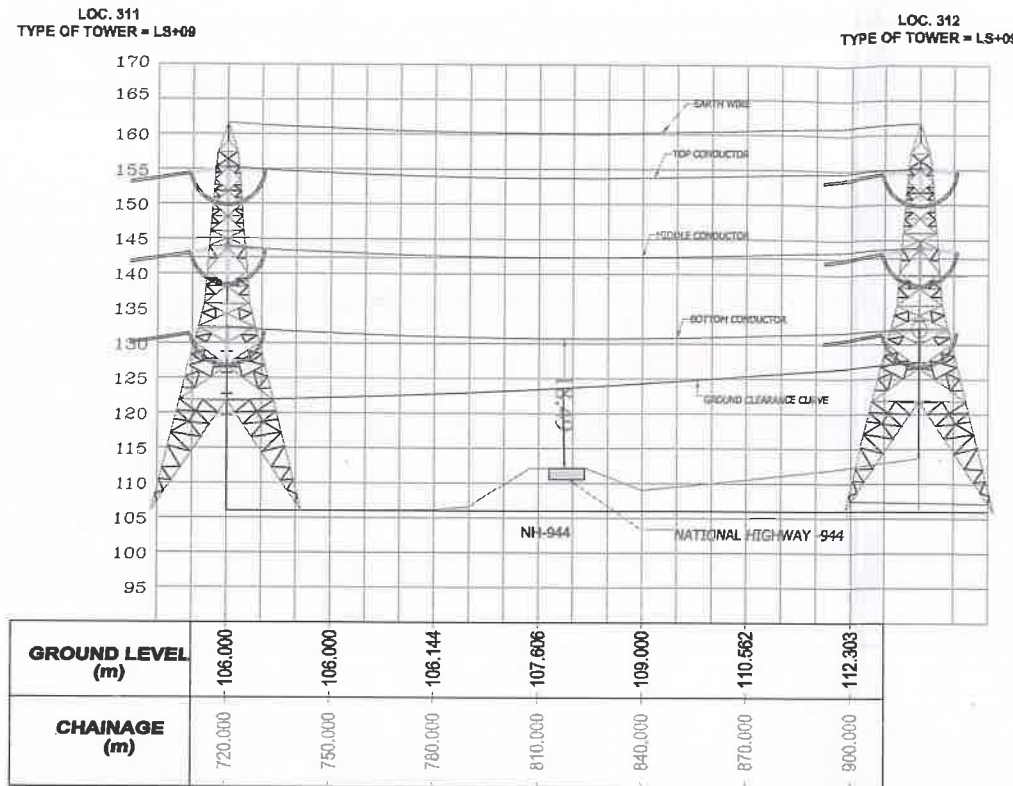
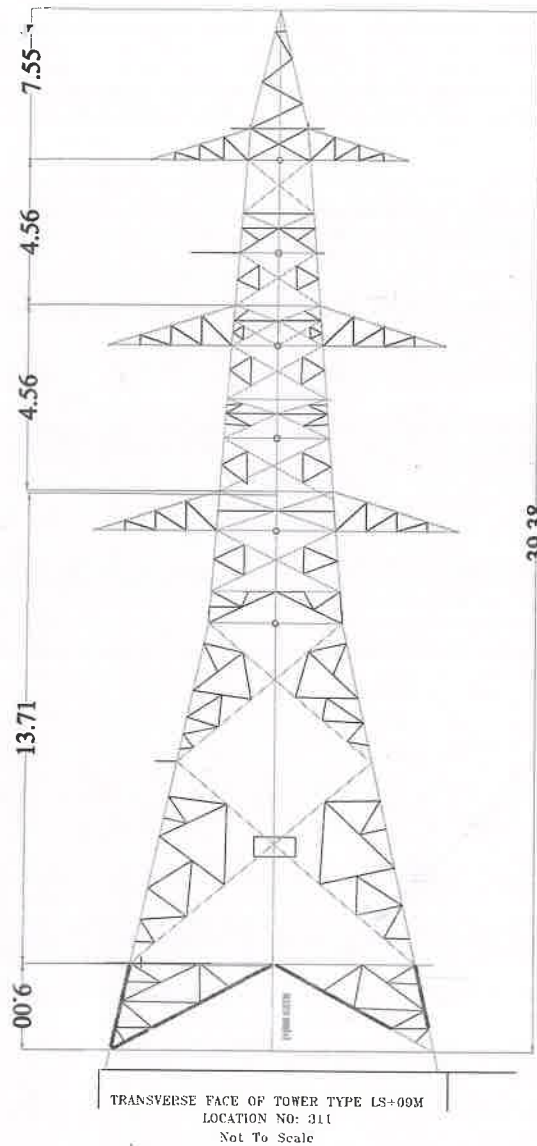
Methodology for Stringing the Overhead line across the NH

Following works are involved during the stringing of 230KV overhead line across the NH,

1. Hoisting of double tension fittings with 8nos 120KN insulator/Double tension Ordinary Disc insulators on both the towers on either side of the roads.
2. Avail traffic block for 30 to 45minutes.
3. Pass the ACSR Zebra conductor across the road through temporary bamboo trussells provide on either side of the road and in road separator.
4. Avail traffic block for 30 to 45 minutes for every conductor.
5. Stringing will be complete within 3hrs to 4hrs with traffic block dis-continuously.
6. Remove temporary trussells.


 EXECUTIVE ENGINEER (C)
 Transmission line Construction
 TANTRANSCO / Tirunelveli - 11


 SUPERINTENDING ENGINEER
 GENERAL CONSTRUCTION CIRCLE
 TANTRANSCO/MADURAI-7.



NATIONAL HIGHWAY-944 CROSSING PROPOSAL

CROSSING DETAILS

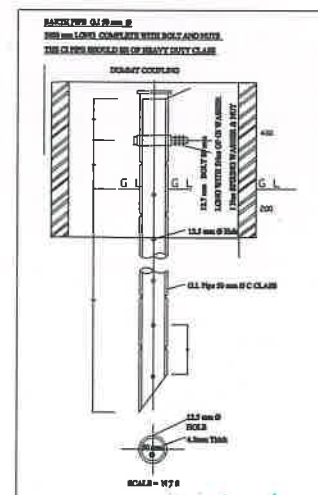
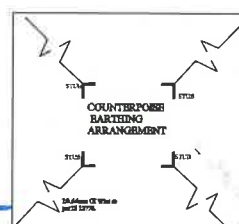
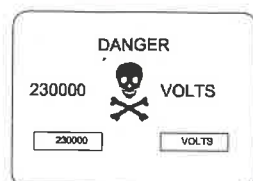
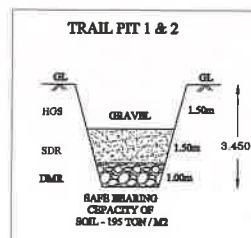
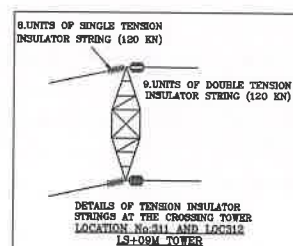
Description	Details
1. HEIGHT OF LOWEST CONDUCTOR FROM TOP OF NATIONAL HIGHWAY AT 85°C NO WIND	18.49m
2. NAME OF NATIONAL HIGHWAY	NH - 944 (NAGERCOIL - KANYAKUMARI)
3. CROSSING ANGLE BETWEEN NATIONAL HIGHWAY AND PROPOSED 765KV TRANSMISSION LINE	90°00'00"
4. SPAN OF CROSSING SECTION	200m
5. STRUCTURE USED TO CROSS THE EXISTING POWER LINE	LS+09 (LOC:311, Angle: 36°47'12"RT, LS+09 (LOC:312, Angle: 39°32'14"LT)
8. ADJACENT SPANS OF CROSSING LOCATION	230.0m (Preceding span) 220.0m (Succeeding span)
9. DISTANCE FROM LOC AP3/0 TO ROAD CENTRE	100.0m
10. DISTANCE FROM LOC AP4/0 TO ROAD CENTRE	100.0m

NOTES:-

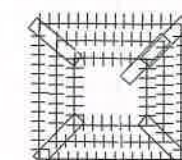
- TRANSMISSION LINE WILL BE CONTROLLED BY SENSITIVE RELAYS
- HIGH SPEED DISTANCE PROTECTION ARE PROVIDED AT BOTH END OF THE LINE
- HIGH TENSILE STEEL AS PER IS 4360 WITH YIELD STRESS $F_y=360\text{KG/SQ.CM.}$ HAS BEEN USED
- MILD STEEL AS PER IS 2061 WITH YIELD STRESS $F_y=250\text{KG/SQ.CM.}$ HAS BEEN USED
- USE POINTED X-ARM ON LINE DEVIATION SIDE AND BOX X-ARM ON NON-DEVIATION SIDE
- DOUBLE TENSION INSULATOR STRINGS AT CROSSING TOWER.

Data for 230KV D/C(ACSR ZEBRA) Transmission Line)

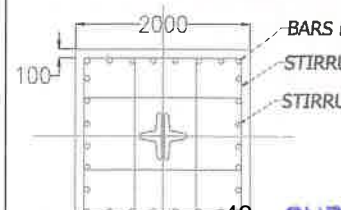
1). Conductor	ACSR ZEBRA
2). Cable Diameter	2.042CM
3). Area	2.016 Sq. mm.
4). Unit Weight	1.818 Kg./m.
5). Normal Span	250 Mtr.
6). Maximum Sag (@ 21°C Temperature, Still Air)	7.066 Mtr.
7). Ground Clearance (Including Sag error of 0.15m)	7.219 Mtr.
8). Sag Tension (For Hot Curve)	1352.78Kg.
9). Sag Tension (For Cold Curve)	2094.78 Kg.



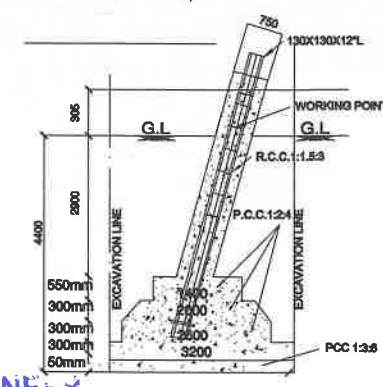
ANTICLIMBING DEVICE
SCALE:- NOT TO SCALE



SECTION X1 - X1



LS+09 (WET) TYPE
FOUNDATION DETAILS
(ALL DIMENSIONS ARE IN MM)



NOT TO SCALE

SUPERINTENDING ENGINEER
GENERAL CONSTRUCTION CIRCLE
TANTRANSCO, MADURAI-7.

PROJECT DIRECTOR
NHAI, PIU, Nagercoil

CLIENT:	TAMILNADU TRANSMISSION CORPORATION LIMITED MADURAI
SURVEYED BY:	SAI SABHARI SERVICES NO9/74, PILLAYAR KOVIL STREET, THALAYAI PURAM, NANGUNERI TIRUNELVELI - 627115. PH: 9842120774 Email: saisabhariservices@gmail.com
PROJECT TITLE:	Erection of 110KV SC line on DC tower with ACSR Zebra conductor from the Proposed Mappandal 230/110KV SS to the existing Mappandal 110/11KV SS.
CONTENT:	NH-944 CROSSING PROPOSALS BETWEEN LOC:311 TO LOC:312

TAMILNADU TRANSMISSION CORPORATION LIMITED	
CHECKED BY	APPROVED BY
NHAI	
CHECKED BY	APPROVED BY

Annexure - I										
Sl. No.	Abutting Village	Chainage		Side	Length(m)	Width(m)	Utilised NH Land Area In Sq.Mrt	Prevailing Circle rate of Land/ sq.m	License Fee for One Month	Remarks
		From	To							
1	Aralvaimozli	15+300		Across	60.00	9.4	564	1235.50	696822.00	
			(A)						₹ 696,822.00	
		License fee per for 1st year (B = A x 1.5%)							₹ 10,452.33	
		License fee per for 2nd year (C = B x 106%)							₹ 11,079.47	
		License fee per for 3rd year (D = C x 106%)							₹ 11,744.24	
		License fee per for 4th year (E = D x 106%)							₹ 12,448.89	
		License fee per for 5th year (F = E x 106%)							₹ 13,195.83	
		Total License fee for 5 years (B+C+D+E+F)							₹ 58,920.76	

Annexure -I					
Sl. No.	Chainage	Bank Guarantee Amount			Remarks
		Rate	Length	Amount	
1	Crossing at Km.15+300	-	Across	100,000	Crossing only
	Total			100,000	

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Inspector General of Registration - Tamil Nadu

உரை மறுஅளவாக்கம் - + மீட்டமைக்க

திரை வாசகர்



பதிவுத்துறை
REGISTRATION DEPARTMENT

REGISTRATION DEPARTMENT, NAGERCOIL



பதிவுத்துறை
தொடர்பான
புகார்கள் மற்றும்
சந்தேகங்களுக்கு
தொடர்பு கொள்ள:

9498452110 /

9498452120 /

9498452130

(அரசு விடுமுறை நாட்கள்
தவிர்த்து திங்கள் முதல்
வெள்ளி வரை காலை
10 மணி முதல் மாலை
5.45 மணி வரை தொடர்பு
கொள்ளலாம்)

மென்பொருள்
தொடர்பான
சந்தேகங்களுக்கு
தொடர்பு கொள்ள:
1800 102 5174

(அரசு விடுமுறை நாட்கள்
தவிர்த்து திங்கள் முதல்
வெள்ளி வரை காலை 8
மணி முதல் மாலை 8
மணி வரை,
சனிக்கிழமை காலை 10
மணி முதல் மாலை 5
மணி வரை தொடர்பு
கொள்ளலாம்)

இந்த இணையதளம் மூலம் வழங்கப்படும் தகவல்கள் மேம்படுத்தப்பட்டுள்ளது. ஆன்லைனில்
வழங்கப்படும் சேவைகளை பெற அலுவலகத்திற்கு நேரில் வருகை தர அவசியமில்லை.

முகப்புப் பக்கம்

பதிவுத்துறை

பதிவு செய்தல்

மின்னணு சேவைகள்

சுற்றறிக்கைகள்

வழிகாட்டி மதிப்பு

வரைதளம்

உதவி

மேலும்

வழிகாட்டி மதிப்பு மற்றும் சொத்து மதிப்பீடு

2.19 இலட்சம் தெருக்கள் மற்றும் 4.46 கோடி புல எண்கள்/உட்பிரிவு எண்களுக்கு
வழிகாட்டி மதிப்பு விவரம் பெற ஏதுவாக துறையின் இணையதளத்தில் உள்ளது.

தெருவில் அமைந்துள்ளவைக்கு சொத்து மதிப்பீடு செய்ய தெருக்களின் பட்டியலில்
உள்ள சம்பந்தப்பட்ட தெருவினை சொடுக்கவும்.

தொடக்க நாள்: 1-7-2024 முடிவு நாள்: நாளது வரை

உங்கள் மண்டலம் மற்றும் மாவட்டத்தினை தெரிந்து கொள்ள இங்கே
சொடுக்கவும்

வழிகாட்டி மதிப்பு விவரம்
பார்வைக்கு:

☐ தெரு ☒ புல எண் ☐ கூட்டு
மதிப்பு

தேடுதல் வரையறை:

☐ நிலத்தின் வகைப்பாடு வாரிய ..
☒ புல எண் வாரியாக

மண்டலம்:*

சார்பதிவாளர் அலுவலகம்:*

திருநெல்வேலி

தோவானை

பதிவு கிராமம்:*

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Inspector General of Registration - Tamil Nadu

குமாரபுரம்

✓ புல எண்:*

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தேடுதல்

மீட்டமைக்க

தேடுதல் வரையறை:

மண்டலம்:	திருநெல்வேலி	சார்பதிவாளர்	தோவாளை
வழிகாட்டி	குமாரபுரம்	அலுவலகம்:	
கிராமம்:		வருவாய்	குமாரபுரம்
வருவாய்	கன்னியாகுமரி	கிராமம்:	
மாவட்டம்:		வருவாய் வட்டம்:	தோவாளை

கீழ்க்காணும் தேடுதல் முடிவானது 15-Nov-2025 அன்று, 02:46 PM -க்கு உட்பட்டதாகும்

12 இனங்கள் உள்ளது, இதில் 1 முதல் 10. வரை பார்வைக்கு [முதல்/முந்தைய] 1, 2 [அடுத்த/கடைசி]

வரிசை எண்	புல எண் உட்பிரிவு எண்	வழிகாட்டி மதிப்பு (P) (பிரிட்டிஷ் மதிப்பு)	வழிகாட்டி மதிப்பு (P) (மெட்ரிக் மதிப்பு)	நிலத்தின் வகைப்பாடு	Effective Start Date	O.O.Downloaded
1	<u>544/1</u>	2001000/ ஏக்கர்	4944500/ ஹெக்டேர்	பஞ்சை சிறப்பு வகை - I	01-Jul-2024	-
2	<u>544/2</u>	2001000/ ஏக்கர்	4944500/ ஹெக்டேர்	பஞ்சை சிறப்பு வகை - I	01-Jul-2024	-
3	<u>544/3</u>	0	0	அரசு நிலங்கள் - இதர புறம்போக்கு	01-Jul-2024	-
4	<u>544/4A1</u>	2001000/ ஏக்கர்	4944500/ ஹெக்டேர்	பஞ்சை சிறப்பு வகை - I	07-Oct-2024	-
5	<u>544/4A2</u>	2001000/ ஏக்கர்	4944500/ ஹெக்டேர்	பஞ்சை சிறப்பு வகை - I	07-Oct-2024	-
6	<u>544/4B</u>	2001000/ ஏக்கர்	4944500/ ஹெக்டேர்	பஞ்சை சிறப்பு வகை - I	01-Jul-2024	-
7	<u>544/5A1</u>	5000000/ ஏக்கர்	12355000/ ஹெக்டேர்	பஞ்சை தேசிய நெடுஞ்சாலையை ஒட்டியவை வகை - I	01-Jul-2024	-
8	<u>544/5A2</u>	5000000/ ஏக்கர்	12355000/ ஹெக்டேர்	பஞ்சை தேசிய நெடுஞ்சாலையை ஒட்டியவை வகை - I	01-Jul-2024	-
9	<u>544/5A3</u>	5000000/ ஏக்கர்	12355000/ ஹெக்டேர்	பஞ்சை தேசிய நெடுஞ்சாலையை ஒட்டியவை வகை - I	01-Jul-2024	-
10	<u>544/5A4</u>	5000000/ ஏக்கர்	12355000/ ஹெக்டேர்	பஞ்சை தேசிய நெடுஞ்சாலையை ஒட்டியவை வகை - I	01-Jul-2024	-

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