



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)
क्षेत्रीय कार्यालय, मदुरै / **Regional Office, Madurai**

दूसरा व तीसरी तल, विजय कृष्ण प्लाज़ा, संख्या-1, लेक एरिया, मेलूर मेन रोड, माट्टुतावनी, मदुरै-625 107
2nd & 3rd Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai-625 107
दूरभाष / Tele : +91-452-258 8999 वेब / Website : www.nhai.gov.in ई-मेल / E-mail : romadurai@nhai.org



NHAI/15018/3.6/04/2023/RO Madurai/E:212621/1316

28th July, 2023

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, त्रिची - Trichy - Madurai section of NH 45B (New NH 38) - Tiruchirappalli City Corporation - Smart City Mission - Establishment of 4 X 2.4 MWp (9.6 MWp) Solar Power Plant at Panjappur Phase -II in Trichy City Corporation - Requested clearance to cross 33KV OHT line at km.4/400 -Invitation of Public Comments - Reg.

प्रसंग: PD, Trichy Lr.No-NHAI/PD/TRY/NH 38/2023/1365 dated 06.07.2023.

The proposal received from PD, Trichy vide Lr. No- NHAI/PD/TRY/NH 38/2023/1365 dated 06.07.2023 there by requesting Permission for erection of 33KV OHT line crossing at Km.4/400 on Trichy - Madurai section of NH 45B (New NH 38) as per proposal submitted by Commissioner, Trichy City Corporation, Trichy.

Accordingly, as per Policy Guidelines issued by Ministry vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application is being uploaded on public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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.

महेन्द्र मीना
28/07/23

महेन्द्र मीना | MAHENDRA MEENA
उप प्रबंधक (तक) | DY. MGR (Tech)

संलग्न: As above

प्रतिलिपि:

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



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)
परियोजना कार्यान्वयन इकाई - तिरुच्च्यो / Project Implementation Unit - Trichy
नं. 6, (पुराना नं. 44), पहली मंजिल, III - मेन रोड, पानेनगर, तिरुचिरापल्लि - 620 001
No. 6, (Old No. 44), 1st Floor, III-Main Road, Ponnagar, Tiruchirapalli - 620 001
दूर / Tele: +91-431 2482959 वेब / Web: www.nhai.org ई-मेल / E-mail: tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/Utility/NH 38/2023/1365

July 06, 2023

To

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

Sub: NHAI – PIU, TRICHY – Trichy - Madurai section of NH 45B (New NH 38) – Tiruchirappalli City Corporation – Smart City Mission - Establishment of 4 X 2.4 MWp (9.6 MWp) Solar Power Plant at Panjappur Phase –II in Trichy City Corporation – Requested clearance to cross 33KV OHT line at km.4/400 – Issuance of In principle approval requested – Reg.

Ref: 1. Commissioner, Trichy City Corporation, Trichy Lr Roc. No. 10127/2020/E1 (Main) dt.27.04.2023 (received on 08.05.2023)
2. PIU Trichy letter no. 916 dt.11.05.2023
3. Team Leader, M/s. Upham, Trichy letter no. UPHAM&SAC/TM/NH-38/2023/940 dt.25.05.2023

Sir,

The Commissioner, Trichy City Corporation, Trichy vide letter dt.08.05.2023 seeking NOC for erection of 33 KV Over Head Transmission Line and crossing at km.4/400 in Trichy Madurai section of NH-45B(New NH 38).

2. The Team Leader, M/s. Upham, Trichy, after joint inspection with Trichy City Corporation representatives has submitted report vide reference 3rd cited.

i. At the proposed 33 Kv OH electric line crossing location i.e., km.4/400, the DPR work is in progress for the proposed elevated corridor from km.4/000 to km.7/000 on Trichy – Madurai project highway which is infront of Trichy new bus terminal.

[Handwritten Signature]



ii. The vertical clearance of overhead line shall be erected 20m from the FRL of the proposed flyover section at this location as per undertaking.

iv. The tower for the overhead crossing should be erected beyond the NH ROW (60m) at this location on BHS.

3. In view of the recommendation the following observations are made by PIU – Trichy.

I. The 33 KV electrical line with pole shall be laid without disturbance to the existing service lines, cables, etc.,

II. The top of the electric line shall be 20m from the FRL of existing road as per undertaken given by the applicant.

III. No poles should be erected at the centre median.

IV. The licensee shall undertake against all damages and claims if any due to the erection of 33 KV electrical line with pole and resolve the issue of any arising at their cost and risk.

V. There should not be any hindrance to the traffic movement during erection of crossing of electric line on NH.

4. In the instant proposal is 33KV OH HT line crossing only. The proposed vertical clearance is 20m and hence satisfying the criteria of vertical clearance.

5. a) The license fee has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 and dt.17.04.2023 based on the highest prevailing guideline rate of the village is enclosed.

b) The amount of performance BG has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 & 17.04.2023 as detailed below:

Crossing at km.4/400 - Rs.1,00,000/-

6. Performance BG towards restoration charges for Rs. 1,00,000/- as per Ministry circular shall be furnished by the applicant. The applicant shall pay Rs. 56,371/- towards license fee for 5 years through Bharatkosh portal



and furnish the receipt. Calculation is made as per MoRT&H guidelines dt.17.04.2023 and the details furnished in the annexed statement.

In view of the above, the proposal submitted by the Commissioner, Trichy City Corporation, Trichy, vide reference 1st cited dt.27.04.2023, seeking NOC for erection of 33 KV Over Head Transmission Line and crossing at km.4/400 in Trichy - Madurai section of NH-45B (New NH 38) may be considered and recommended for according in-principle approval. Necessary required certificates are also enclosed.

Encl: Proposal (2 Original + 1 Copy)
Licensee Fee Calculation sheet

Yours faithfully,


(M. Ganesh Kumar)

DGM (T) & Project Director

Copy to:

1. The Commissioner, Trichy City Corporation, Trichy for information.
2. The Team Leader, M/s. Upham, Trichy for information.



CERTIFICATE

Certified that, necessary entries have been made in the Register of permissions seeking NOC for erection of 33 KV Over Head Transmission Line and crossing at km.4/400 in Trichy Madurai section of NH-45B (New NH 38) in Page no. 30 in S. no. 1


16/7/23

(M. Ganesh Kumar)
DGM (T) & Project Director
PIU - Trichy



CERTIFICATE

Certified that, the proposed laying of water pipe line is confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dt.22.11.2016

Certified that, any other location of the water pipe line would be extremely difficult and unreasonable costly and the installation of water pipe line within ROW will not adversely affect the design, stability & traffic safety of the Highway nor the likely future improvement such as widening of the carriageway, easing of curve etc., There is no proposal pending for 6 laning.

(M. Ganesh Kumar)

DGM (T) & Project Director

PIU - Trichy

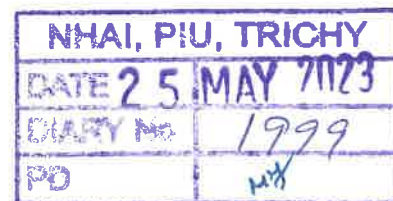


UPHAM&SAC/TM/NH-38/2023/ 940

Date : 25.05.2023

To

The Deputy General Manager (Tech) & Project Director,
National Highways Authority of India,
Office of the Project Director, PIU-Trichy,
New No.6 (Old No.44), First Floor,
III - Main Road, Ponnagar, Tiruchirappalli -620 001



Project: Consultancy services for Supervision Consultants of Operation & Maintenance of Four Laning of Trichy Bypass -Tovarankurichi - Madurai section of NH- 38 from Km.0/000 to Km.124/840 in the State of Tamil Nadu.

Subject: NHAI-PIU, TRICHY-Trichy - Madurai section of NH 38 -Tiruchirappalli City Corporation - Smart city mission - Establishment of 4 x 2.4 MWp (9.6 MWP) Solar Power Plant at Panjappur phase -II in Trichy City Corporation- Road Crossing of 33 KV OHT line at km.4+400 OF NH-38 - Submission of site inspection report- Reg.

Ref:

1. NHAI/PD/TRY/NH 38/T-M/TWAD/2023/916 dated 11.05.2023
2. Tiruchirappalli smart city ltd, letter no. 10127/2020/E1 (Main) dated.27.04.2023.

Dear Sir,

With reference to the above subject, the Trichy City Corporation Commissioner, Tiruchirappalli Smart city ltd has requested for permission of erecting the Overhead Transmission line and crossing of 33KV Electric line at Km.4+400 of Trichy Madurai section of NH 38. In this regard, the site has inspected jointly with the representative of Supervision Consultant along with Trichy City Corporation representatives at the said location of NH-38 on 25.05.2023.

The site inspection report has been furnished here under:

1. At the proposed 33 KV overhead electric line crossing location i.e., Km.4+400 on A2 side of the korayar river bridge, the Detailed Project Report work is in progress for the proposed elevated corridor from Km.4+000 to Km.7+000 on Trichy - Madurai project highway which is Infront of the Trichy new bus terminal.
2. No use of NHAI ROW will be permitted for any propose other than that specified in the license deed.
3. The work shall be carried out as per the proposal submitted by the applicant.



4. The vertical clearance of overhead line shall be erected 11.0m from the FRL (Finished Road Level) of the proposed flyover section at this location.
5. The Tower for the Overhead crossing should be erected beyond the NH-ROW (60m) at this location on BHS as per the discussion had during the inspection because of the proposed bridge construction & improvement works for proposed elevated corridor section on besides the existing structure at korayar river and they have agreed the same for execution.
6. As per Ministry's letter dt:22.11.2016, no cross-drainage structure/bridge shall be used to convey the Overhead line. The crossing of OH line near the existing structure, the minimum clearance of horizontal distance should be followed.
7. It shall be ensured by the applicant that the on-going road/ structure works shall not get affected during the erection at the above said location.
8. The excavated tower pit should be properly back filled as per NHAI standards and restore the land in the same in the condition as it exist earlier.
9. While carrying out the works all the safety standards and precautions like barricading, danger lighting and other necessary caution boards should be taken without affecting the live traffic and other existing construction work.
10. In case on any further widening of highways and construction of flyovers of bridgeworks that may be taken up at future date due to revised plan then the applicant shall be responsible for shifting or alteration in the position/ protect the 33 KV OH line (if required) affecting the NHAI ROW.
11. The Licensee shall be responsible for shifting of the electrical line as and when required by NHAI at their own risk & cost without any financial implication to the NHAI.
12. The applicant shall inform NHAI/Supervision Consultant before starting and as well as at the time of work.
13. 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 fixing of pole.
14. While carrying out the erection of overhead electrical line, if any defects found in road portion, Licensee failing to discharge the obligation of making of good of the excavated trench/other restoration work, 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 as per applicant agreement point no: 23, 25 & 26.
15. The applicant should strictly follow the all-other agreement conditions, undertakings and conditions for erection of electrical overhead transmission line across the NH as per the policy guidelines and IRC standard as well as the submitted proposal.



In view of above, the submitted proposal by the Trichy city corporation for crossing 33kv over head transmission line at km.4+400 is checked as per policy guidelines as well as site and hereby recommended for further approval from the competent authority.

This is for kind information and necessary action.

Thanks & Regards



(S. Ramachandran)
Team Leader cum Senior Highway Engineer
Upham SAC, Trichy

Encl: Original proposal.

SITE PHOTOGRAPHS



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)
परियोजना कार्यान्वयन इकाई - तिरुच्ची / Project Implementation Unit - Trichy
नं.6, (पुराना नं.44), पहली मंजिल, III - मेन रोड, पानेनगर, तिरुचिरापल्लि - 620 001
No. 6, (Old No. 44), 1st Floor, III-Main Road, Ponnagar, Tiruchirappalli - 620 001
टेल / Tele: +91-431 2482959 वेब / Web: www.nhai.org ई-मेल / E-mail: tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/NH 38/T-M/TWAD/2023/916

May 11, 2023

To

Team Leader,

M/s.UPHAM International Corporation, (NH 38)

No.5 - Sakthi Nagar, 9th cross,

Karumandapam, Trichy - 620001

M/s. Upham-Quest NH-45B	
Inward No.	4036
Date:	15/5/2023
Received:	15/5/2023

Sub: NHAI - PIU, TRICHY - Trichy - Madurai section of NH 45B (No. w NH 38) - Tiruchirappalli City Corporation - Smart City Mission - Establishment of 4 X 2.4 MWp (9.6 MWp) Solar Power Plant at Panjappur Phase -II in Trichy City Corporation - Requested clearance to cross 33KV OHT line at km.4/400 - Report sought for - Reg.

Ref: Commissioner, Trichy City Corporation, Trichy

Lr.Roc.No.10127/2020/E1 (Main) dt.27.04.2023 (received on 08.05.2023)

Sir,

Please find enclosed the proposal received from Commissioner, Trichy City Corporation, Trichy seeking NOC for erection of 33 KV Over Head Transmission Line and crossing at km.4/400 in Trichy Madurai section of NH-38, for joint inspection of site and submission of report keeping in view of the availability of land and subsisting encumbrances if any at site, early to this office.

Yours faithfully,

Encl: Proposal - 1 No

M. Ganesh Kumar 11/5/23

(M. Ganesh kumar)

DGM (T) & Project Director

Copy to:

Commissioner, Trichy City Corporation, Trichy for information.

Municipal Administration & Water Supply Department

From
Dr. R. Vaithinathan, I.A.S.,
Commissioner,
Tiruchirappalli City Corporation,
Tiruchirappalli – 620 001.



To
The Project Director,
NHAI – Project Implementation Unit,
44, Ponnagar, 3rd Street,
Tiruchirappalli - 620001

Roc. No.10127/2020/E1(Main), Dated:27.04.2023.

Sir,

Sub : Smart City Mission – Tiruchirappalli City Corporation - Establishment of 4 x 2.4MWp (9.6 MWp) Ground Mounted Solar Power Plant at Panjappur, Phase-II in Tiruchirappalli City Corporation – Requested Clearance to cross 33KV Over Head Transmission line at NHAI 45B at KM 4.400 – Regarding.

Ref : Letter No.NHAI/PD/TRY/NH45B/2021/651 Dated.11.05.2021 of the Project Director, NHAI, Tiruchirappalli.

In the reference above cited, I wish to submit the following documents for your reference and to get further approval

1. General Check Lists.
2. Guidelines for Project Director for processing the proposal.
3. Draft Agreement for granting of permission.
4. Undertaking.
5. Annexure – I.
6. Indemnity Bond.
7. Drawing - Trichy to Madurai Section NH-38
8. Drawing – Road Crossing details of overhead transmission line.

NHAI, PIU, TRICHY	
DATE	17/30 08/5/23
DIARY No	
PD	

Hence, I request you to give necessary approval to cross the 33KV Over Head Transmission line to Manikandam S/S at KM 4.400 at the earliest.

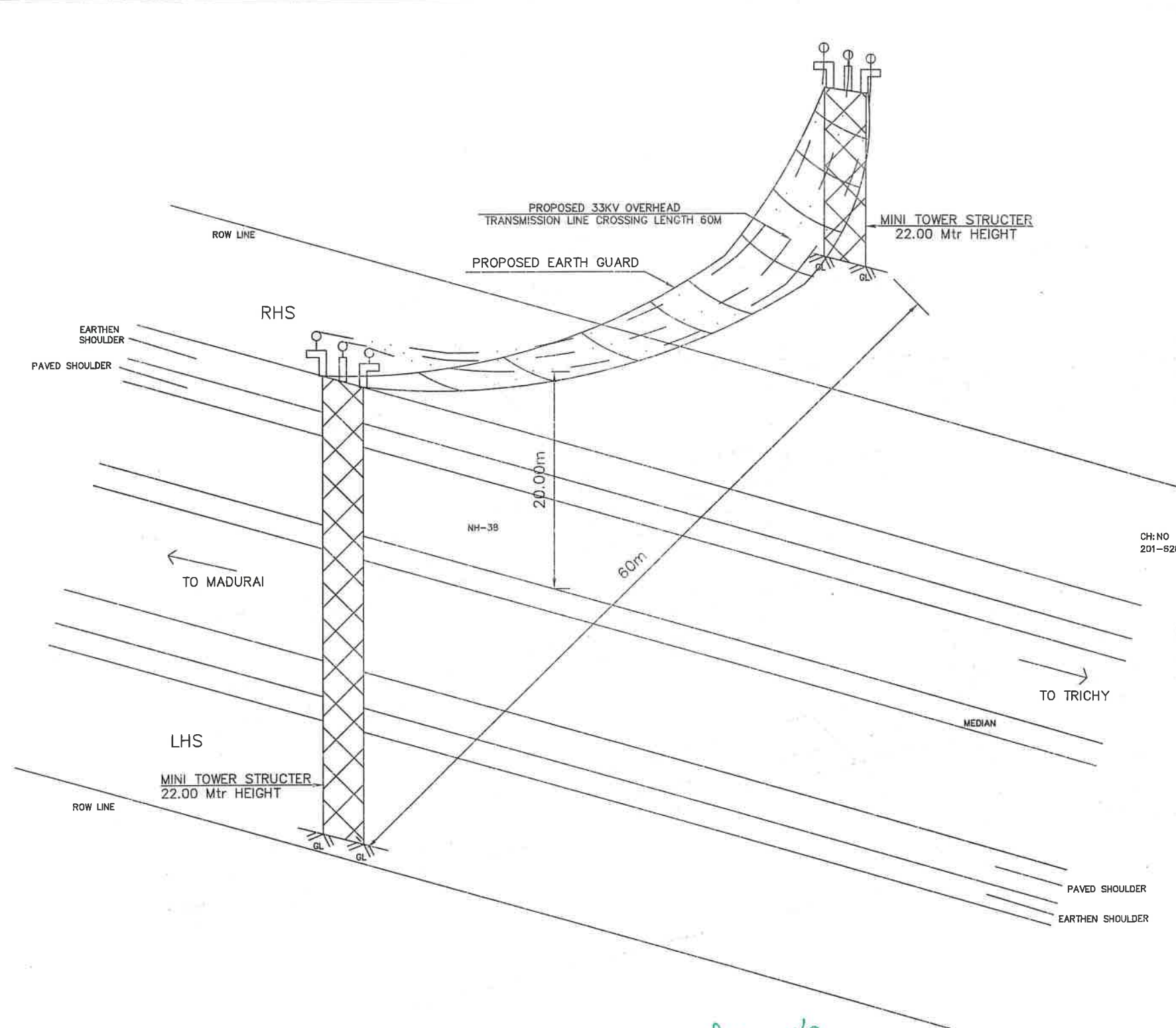
For Commissioner,
Tiruchirappalli City Corporation.

Encl : As stated above.

27/4/2023

TIRUCHIRAPPALLI SMART CITY LIMITED.,

SKETCH SHOWING THE 33KV OVER HEAD TRANSMISSION LINE CROSSING WITH THROUGH
MINI TOWER AT NHA1 IN TRICHY TO MADURAI BYPASS ROAD. (NH38 AT KM4.400)



[Signature]
CITY ENGINEER
Tiruchirappalli City Corporation.
21-4-23

NOTES:

— · · — 33KV OVER HEAD TRANSMISSION LINE
CROSSING FOR 60 METERS



பதிவுத்துறை
REGISTRATION DEPARTMENT

சுயமேலாட்சி அமைச்சு
TAMIL NADU



For
Complaints
and
Clarifications,
please
contact:
9498452110
/
9498452120
/
9498452130
(Monday to
Friday 10 AM to
5.45 PM,
excluding
Government
holidays)

For
queries
related to
software,
please
contact:
1800 102
5174
(Monday to
Friday 8 AM
to 8 PM,
Saturday 10
AM to 5 PM
excluding
Government
holidays)



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Home

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Guideline Search

Search Criteria :

Zone:	TRICHY	Sub	TRICHY
Guideline	WARD -AJ	Registrar	JOINT 1
Village:	(PIRATIYUR	Office:	
	EAST)	Revenue	
Revenue		Village:	
District:		Revenue	
Street/Survey	ANBILAR	Taluka:	
Number:	NAGAR		

List All Street

One item found.

1

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	ANBILAR NAGAR	500/ Square	5385/ Square	Residential Class II Type -	01-Apr-2023	

LICENSE FEES FOR PRIVATE UTILITY (OFC cable) (Rs/Sqm/Month) ANNEXURE									
Utilized NH Land Area X Prevailing Circle Rate of Land Per Unit Area X 1.5% per annum									
ANNEXURE									
S. No	Chainage in Km.		Side	Length (L) in Meters	Dia of The Pipe (D) in Meters	Utilized NH land Area (D x L) (Sq.m)	Prevailing Circle rate of land per unit area (Sq.m)(Rs)	License Fee per month (private utility) (Rs.)	
	From	To							
2	4+400		Crossing	60	1	60	5385	4846.5	
4									
Total license fee per year									
			Minimum License fee per year			1st yr	10,000		
						2nd yr	10,600		
						3rd yr	11,236		
						4th yr	11,910		
						5th yr	12,625		
			Total Lic. Fee for 5 years				56,371		
Calculation made as per MoRT&H guidelines dt.17.04.2023									

Calculation made as per MoRT&H guidelines dt. 17.04.2023

**Proposal for installation of 33KV Over Head Transmission Line along with
NHAI and the same crossing in NH – 38 (Trichy – Madurai - Trichy Section)
KM: 4/400**

GENERAL TO ACCOMPANY ALL PROPOSALS

CHECK LIST

GENERAL

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1) Whether the site plan is drawn to a scale
Of 1:2500 or 1:1000 and enclosed | : Yes |
| 2) Whether the details for 100m either side of the
Utility laying have been furnished | : Yes |
| 3) Does the plan is shown in full | : Yes |
| a) NH boundary line with distance from Centre
Line of the road marked at salient points where
The land width is changing and also 100m interval | : Yes |
| b) The berm, Line distance from Centre line at
100m intervals and also salient points of
Change of widths of NH land | : Yes |
| c) Centre Line pavement ant parent edger
Line market distinctly | : Yes |
| d) Median if any marked to scale | : Yes |
| e) The location of the utility line of proposal with
Change showing exact location and distance from
NH center Line | : Yes |
| f) The existing culverts / drainage work with
Diversions | : Yes |
| g) Purpose of the Proposal in Details | : Installation of 33KV Over Head
Transmission Line NHAI Crossing |
| h) Exact Location of the Proposal | : Yes |
| i) Whether the applicant is private agency of Govt. Agency | : Govt |
| j) Any time schedule fixed for the completion of possible | : At the earliest |


DGM (T) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIL-TRICHY - 620 001.

1/13


CITY ENGINEER
Tiruchirappalli City Corporation.
21.4.23

CHECK LIST

Guidelines for Project Directors for processing the Proposal for installation of 33KV Over Head Transmission Line crossing in NH -38 (Trichy - Madurai - Trichy Section) at KM 4/400

Relevant Circular

1. Ministry Circular No.NH-III/P/66/76 dated 19.11.1976

Sl.No	ITEM	Information / Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	M/s.Tiruchirappalli Smart City Limited, No.58, Bharathidasan Salai, Cantonment, Tiruchirappalli, Tamil Nadu - 620001	
1.2	National Highway Number	NH-38	
1.3	State	Tamil Nadu	
1.4	Location	NH-38 Trichy to Madurai	
1.5	(Chainage in km)	KM 4/000 to 5/000	
1.6	Length in Meter	Road Crossing 60 Meters	
1.7	Width of available ROW		
	a) Left side from centre line towards increasing chain age / km direction	LHS - 36 4/400	
	b) Right side from centre line towards increasing chainage / km direction	RHS - 24 4/400	
1.8	Proposal to erection of electrical pole		
	a) Left side from centre line towards increasing chain age / km direction	LHS - 36 4/400	
	b) Right side from centre line towards increasing chain age / km direction	RHS - 24 4/400	
1.9	Proposal acquire land		
	a) Left side from the centre line	Nil	
	b) Right side from the line	Nil	
1.10	Whether proposal is in the same side where land is not to be acquired	Nil	
1.11	Details of already laid services, if any, along the proposed route	Nil	
1.12	Number of lanes (2/4/4/8 lanes)	4	
1.13	Proposed Number of lanes (2 lanes with paved shoulder/4/6/6 lands)		
1.14	Service road existing or not		


DGM (T) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIU-TRICHY - 620 001.

3/13


CITY ENGINEER
Tiruchirappalli City Corporation.
 21.4.23

	meter below the surface of the road subject to being at least 0.3m below the drain inverts		
	h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type	NA	
	i) The casing / conduit pipe shall be installed with as even bearing through its length and in such a manner as to prevent the formation of a waterway along it	NA	
2	Document / Drawings enclosed with proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep x 0.3m wide) i. Should not be greater than 60m wider than the outer diameter of the pipe ii. Located as close to the extreme edge of the right of way as possible but not less than 15 meters from the centre lines of the nearest carriage way iii. Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges iv. These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land	NA	
2.2	Cross section showing the size of pit and location of cable for HDD method	NA	
2.3	Strip plan / route plan showing erection of electrical pole, chainage, width of ROW, distance of proposed, pole from the edge of ROW, important mile stone, intersection cross drainage works etc	Yes	
2.4	Methodology for erection for	Yes, will be submitted	

line			
2.4.2	Horizontal Directional Drilling (HDD) Method	NA	
2.4.3	Erection of electrical pole through CD works and method of laying		
3	Draft license agreement signed by two witnesses	Yes	
4	Performance bank guarantee in favour of NHAI has to be obtained @ to NH and Rs.1,00,000/- per crossing of NH for a period of one year initially (extendable if required till satisfactory completion of work as a security for ensuring / making good the excavated trench for lying the cable / ducts by proper filling and compaction	Applicable at later date	
4.1	Performance BG as per ministry's circular no. RW/NH 33044/29/2015/s & R (R) Pt dated 22.11.2016 to be obtained @ Rs.100/- per meter length	Applicable At later date	
4.2	Confirmation Of BG Has Been Obtained as per NHAI guidelines	BG shall be submitted as per NHAI guidelines	
5.0	Affidavit / undertaking from the applicant for	Yes	
5.1	Not to damage to other utility if damaged then to pay the losses either to NHAI or To the Concerned agency	Yes Noted	
5.2	Renewal OF bank Guarantee	Yes , Will be Obtain After Submission of BG	
5.3	Conforming all standard condition of NHAI's Guidelines	Yes : Enclosed	
5.5	Shifting due to 6 laning / widening of NH	Yes possible	
	NH		
5.6	Indemnity Against all damage and claims Clause(xxiv)	Undertaking Enclosed	
6.0	Power of attorney in favour of authorized signatory	Yes : Enclosed	
7.0	Copy Of DOT Licence	Yes : Enclosed	
8.0	Certificate from the Project Director	yes	
8.1	Certificate for conforming of all standard condition vide ministry circular No. RW/NH -33044/17/2000 S & R dated 29.09.2000 And NHAI's Guidelines Issued vide no NHAI/OEC/2K/Vol.II dated	Yes	

	the prescribed proforma (copy enclosed) issued vied ministry circular no.RW/NH/33044/17/2000/S & R dated 23.07.2003,06.08.2013 & RW/NH-33044/29/2015 /S & R (R) Pt dated 22.11.2016		
15	If any pervious approval is accorder for laying of cable them, photocopy of register of records of permissions accorder as maintained by PD (Per ministry circular no RW/NH/33044/07/200/S & R, dated 23.07.2003 & 06.08.2013) & RW/NH-33044/29/2015/ S & R @ Pt dated 22.11.201+6 as Referred in para above is enclosed or not	NA	


DGM (T) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIU-TRICHY - 620 001,

9/12


CITY ENGINEER
Tiruchirappalli City Corporation.
 21.4.23



தமிழ்நாடு தமில்நாடு TAMILNADU

- 6 APR 2023

DA 329365

அ. ஷம்ஷாத், மு.வி
மாநில நிதி மன்றம்
மாவட்ட நிதி மன்ற வளாகம்
தருவி: 2/2000, திருச்சி
செல் எண்: 93451 61811

AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS

FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS

Agreement to cross 33KV Over Head Transmission Line at Trichy to Madurai NH-38 and at KM 04/400KM of Trichy to Madurai NH-38 land.

This Agreement made this _____ day of _____ (month) of (year) between The Project Director acting in his executive capacity through NHAI - PIU, 44, Ponnagar 3rd Street, Tiruchirappalli - 620001 (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and M/s. Tiruchirappalli Smart City Limited a company registered under the Companies Act, 1956 and having its Registered Office at No.58, Bharathidasan Salai, Cantonment, Tiruchirappalli, Tamil Nadu, 620001 (hereinafter called the "Licensee which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees) on the second part.

Whereas the Authority is responsible, inter alia, for development and maintenance of lands in KM 04/400 NH38 Row.

Whereas the Licensee proposes to cross 33KV Over Head Transmission Line referred to as utility services in subsequent paras

Whereas the Licensee has applied to the Authority for permission to lay utility services KM 4/400 of road/route NH 38

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


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21-4-23

Now this agreement witnessed that in consideration of the conditions herein after contained and on the part of the License to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely,

1. ROW permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway Row is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the Row and any subsequent user will be permitted to be 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 fulfillment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The License shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning. Maintenance and operation and all other activities essential or required for efficient functioning of their own utility/industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs100/- month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest@ 15% per annum compounded annually.
6. Present policy of the MORT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the Row. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.


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Tiruchirappalli City Corporation
21/4/23

- a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill shall be completed in two stages. (D) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - c. The backfill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor Density, overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or polling will not be permitted.
 - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before, digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined times schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. _____ per route metro Rs. _____ per sqm with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damage caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority its designated agency for any damage sustained by them by reason of the exercise of the Row. facility;


CITY ENGINEER
Tiruchirappalli City Corporation,
21-4-23

should be completed to the satisfaction of the concerned agency designated by the Authority.

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


CITY ENGINEER
Tiruchirappalli City Corporation.
21.4.23

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI _____

(Signature, name & address with stamp)

SIGNED ON BEHALF OF M/S. TIRUCHIRAPPALLI SMART CITY LIMITED
(LICENSEE)

BY SHRI _____

CITY ENGINEER
Tiruchirappalli City Corporation
(Signature, Name & address with stamp)


HOLDER OF GENERAL POWER OF ATTORNEY DATED
ACCORDANCE WITH THE RESOLUTION NODATED
BOARD OF DIRECTORS IN THE MEETING HELD ON

EXECUTED IN
PASSED BY THE

IN THE PRESENCE OF (WITNESSES):

1.

2.



தமிழ்நாடு தமில்நாடு TAMILNADU

- 6 APR 2023

DA 329368

அ. ஷம்ஷாத், மு.வி
தொழிலாளர் நீதி மன்றம்
மாவட்ட நீதி மன்ற வளாகம்
எண்: 2/2000, திருச்சி
செல் எண்: 93451 61811



UNDERTAKING

We, M/s.Tiruchirappalli Smart City Limited, 58, Bharathidasan Salai, Cantonment, Tiruchirappalli, Tamil Nadu state is making 33KV Over Head Transmission Line crossing at KM 4/400 Km of Trichy to Madurai NH-38(Trichy – Madurai – Trichy) for a length of 60 meters at KM 4/400.

We, hereby undertake the Standard 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 other cables, underground installation / utilities etc, M/s.Tiruchirappalli Smart City Limited, shall be responsible to ascertain from the respective agency in coordination with NHAI. M/s. Tiruchirappalli Smart City Limited shall ensure the safety of already existing cables / underground installation / utilities facilities etc. before commencement of the excavation
2. Renewal of Bank Guarantee: M/s. Tiruchirappalli Smart City Limited shall 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 excavated portion by fixing the EB pole by proper clearing debris/loose earth produced due to execution of pole erection at least 50m away from the edge of the right of way, No payment shall be payable by the NHAI to M/s.Tiruchirappalli Smart City Limited for clearing debris/loose earth. In case the work Contemplated, herewith is not Completed to the satisfaction


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Tiruchirappalli City Corporation.
21-4-23

of the NHAI, which has granted the permission, within a period of 11 month from the date of issue of the bank guarantee, M/s.Tiruchirappalli Smart City Limited shall either furnish a fresh Guarantee or extend the guarantee for a further period of one year, In case of M/s.Tiruchirappalli Smart City Limited failing to Discharge the obligation of making good the excavation, at the cost of M/s.Tiruchirappalli Smart City Limited and Recover the amount by invoking the bank guarantee furnished by M/s.Tiruchirappalli Smart City Limited.

3. Confirming all standard conditions of NHAI

- i. The period of validity of way permission shall be co-terminus with the validity of licensee given by the Ministry of Communications / DoT
- ii. The Over Head Transmission Line shall be ran at the edge of the right of way within 2 mutually corridors
- iii. The bottom of the overhead transmission line containing the utility services along with the road shall be at least 11.2Mtr above the top of the sub grade of the existing ground level whichever is higher
- iv. The licensee has to cross the NH by fixing structure mini tower height of 50 feet installed at both side of the edge of the NH and the bottom of the utility services shall be at least 13.4 Mtr above the top of the finished road. In case any damage is caused in this process, M/s. Tiruchirappalli Smart City Limited will be required to restore the same to the original condition at his own cost.
- v. No trenching will be done on link road, no boring method will be used in link road and Over Head Transmission Line will be ran at the extreme edge of the road by installing EB Poles only
- vi. The licensee shall inform / give a notice to the NHAI, Govt of India or its authorized agency at least 15 days in advance with route details prior to commencement for fresh or maintenance / repair work. A separate work plan and a separate performance Bank Guarantee @ Rs.100/- per meter length for maintenance / repair work shall have to be furnished by M/s. Tiruchirappalli Smart City Limited
- vii. Each day, the extent of pole fixing works should be strictly regulated so that the Over Head Lines are laid before the close of the work that day. Cleaning should be completed to the satisfaction of the concerned agency designated by the NHAI

4. Shifting of Overhead Transmission Line as and when required by NHAI: M/s. Tiruchirappalli Smart City Limited shall shift the Over Head Transmission Line 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 Over Head Transmission Line, 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 his own cost and risk

5. Shifting due to 6 lining / widening of NH: After the termination / expiry of the agreement M/s. Tiruchirappalli Smart City Limited shall remove the Over Head Transmission Line within 90


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Tiruchirappalli City Corporation.
21.4.23

13. We M/s.Tiruchirappalli Smart City Limited, hereby undertake that to pay the fee / rent as mentioned in the Ministry Guidelines Lr.No.RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI
14. We M/s.Tiruchirappalli Smart City Limited, hereby undertake that the Mini Tower arrangement will be adopted for 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
15. Lr.No.RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI Reference Circular issued by Ministry of Road Transport & Highways, GOI, Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016. Where in, last paragraph that *The Highway Administration Rules 2004 will be modified accordingly. This circular will come in to effect from the date of notification of the modified Highway Administration Rule* so we hereby give our content of this circular from the date of its notification by MORTH. GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.

For M/s.Tiruchirappalli Smart City Limited,


CITY ENGINEER
Tiruchirappalli City Corporation.
Authorized Signatory
100/
21.4.25

Annexure- 1

Conditions to be enclosed/incorporated in the approval letter for permission for erection of Electrical Over Head Transmission Line with Pole

1. The erection of 33 KV Electrical Over Head Transmission Line with Pole shall be located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway.
2. The erection of 33 KV Electrical Over Head Transmission Line with Pole shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NHAI/Government of India.
3. The erection of 33 KV Electrical Over Head Transmission Line with Pole shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. These should be so erect that their top is at least 11 meter above the existing road.
5. The authority/ owner of the underground utility shall ensure that erect an eclectic cable carrying high tension lines should not have any deleterious effects on any of the bridge components and roadway safety for traffic.
6. The lines shall cross the National Highways preferably on a line normal to it or as nearly so as practicable.
7. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.
8. The erection of 33 KV Electrical Over Head Transmission Line with Pole is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.
9. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.
10. The top pf the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.
11. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall only be permitted where the existing road pavement is of cement concrete or dense bituminous concrete type.
12. The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.
13. Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)


CITY ENGINEER
Trichirappalli City Corporation.
21-4-23

19. The licensee shall furnish a Bank Guarantee to the NHAI @ Rs...../- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.
20. 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 licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of the licensee failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount by invoking the bank guarantee furnished by the licensee.
21. The licensee shall shift the cables/ducts within 60 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 cables/ducts, 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 his own cost and risk.
22. Regarding the location of other cables, underground installation/utilities etc, the licensee shall be responsible to ascertain from the respective agency in coordination with NHAI. The licensee shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.
23. The licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the licensee. The concerned agency in co-ordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by the licensee.
24. If the licensee fails to comply with the condition 22 and 23 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the licensee.
25. The licensee shall procure insurance from reputed insurance company against damages to already existing cables/underground installation/utilities/facilities etc during trenching.
26. The licensee has to cross the NH by horizontal drilling method (trenchless technology only). In case any damage is caused to the road pavement in this process, the licensee will be required to restore the same to the original condition at his own cost.
27. No trenching will be done on pucca road, boring method will be used in pucca road and cable will be laid at the extreme edge of the road in the non-BT surface only.


CITY ENGINEER
Tiruchirappalli City Corporation,
23.4.23

40. After the termination/expiry of the agreement, the licensee shall remove the cables/ducts within 60 days and the site shall be brought back to the original condition failing which the licensee will lose the right to remove the cables/ducts. However, before taking up the work of removal of cables the licensee shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner 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 right of way.
41. If NHAI is required to do some emergent work the licensee will provide an observer within 24 hours. NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.
42. The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope.
43. Strict compliance of the following by the Project Director:
- a) If the licensee fails to inform the commencement of laying of erection of 33 KV Electrical Over Head Transmission Line with Pole 15 days before the actual start of the work at site the agreement should be null and void.
- b) It is to be intimated to the HQ that, actual work has already been started at the site as per the provision of the agreement and the conditions stipulated in the Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995 and Ministry Circular No. RW/NH- 33044/29/2015-S&R (R) dated 22.11.2016.
- c) An interim execution progress report /status report shall be submitted to NHAI HQ after one month of the start of the work at site, regarding the satisfactory progress of the laying of erection of 33 KV Electrical Line with Pole, as per the specification/stipulation and the alignment as approved.
- d) The final completion certificate shall be issued/submitted by PD to the HQ to the effect that, the work has been completed to the entire satisfaction of the Project Director and there were no violation of any condition / stipulation contained in the agreement, Ministry Circular No. NH-III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 and the approved plan.
- e) To obtain a performance bank guaranty @ Rs...../- per running meter of NH and Rs.1,00,000/- per crossing of NH from the licensee to safe guard the interest of NHAI.
- f) Proposal for permission along NH Sections which are proposed to be taken up by NHAI for development through private sector participation on BOT basis, following clause should be inserted in the agreement.


CITY ENGINEER
Tiruchirappalli City Corporation.
21.4.23



தமிழ்நாடு தமில்நாடு TAMILNADU

- 6 APR 2023

DA 329369

அ. லக்ஷ்மீ
அ. லக்ஷ்மீ, மு.வி
தொழிலாளர் நீதி மன்றம்
மாவட்ட நீதி மன்ற வளாகம்
எண்: 2/2000, திருச்சி
செல் எண்: 93451 61811

INDEMNITY BOND

Name of Work: Erection of 33KV Over Head Transmission Line crossing of Trichy to Madurai NH - 38 For a length of 60 meters at KM 4/400 (Trichy - Madurai - Trichy) section in the state of Tamil Nadu, National highways.

Indemnity against all damages and claim as per SI. No. 5.6 of checklist

We M/s.Tiruchirapalli Smart City Limited,58 , Bharathidasan Salai, Contonment, Tiruchirapalli, Tamil Nadu State is making 33KV Over Head Transmission Line crossing of Trichy to Madurai NH - 38 For a length of 60 meters at KM 4/400 (Trichy - Madurai - Trichy) section in the state of Tamilnadu or maintenance thereof and against all claims , Proceedings, damages, costs, charges and expenses whatsoever in respect thereof in relation there to. Failings such payments of claims in the above work we abide in accepting for recovery of such claims affected from any of our assets.

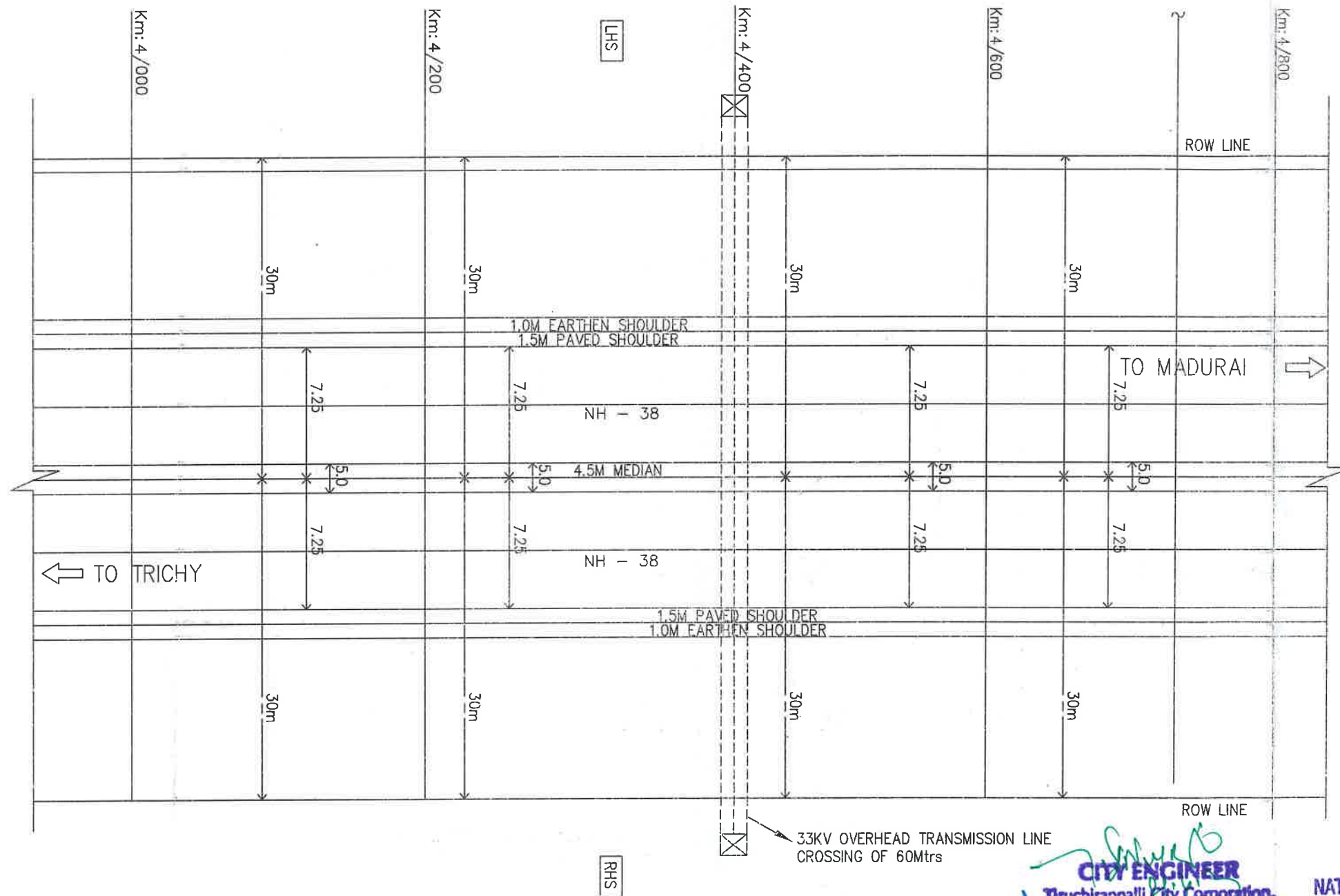
For Tiruchirappalli Smart City Ltd

CITY ENGINEER

Tiruchirappalli City Corporation,
Managing Director

TIRUCHIRAPPALLI SMART CITY LIMITED.,

SKETCH SHOWING THE 33KV OVER HEAD TRANSMISSION LINE CROSSING WITH THROUGH MINI TOWER AT NHAI IN TRICHY TO MADURAI BYPASS ROAD. (NH38 AT KM4.400)



CITY ENGINEER
Tiruchirappalli City Corporation.
21.4.23

DGM (T) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIU-TRICHY - 620 001.

LEGENT:

- BT ROAD
- CENTER LINE OF CARRIAGEWAY
- BOUNDARY (ROW)
- BRIDGE/CULVERT

TRICHY TO MADURAI SECTION (NH - 38)

(Km: 4.000 TO Km: 4.800)

APPLICANT:

THE MANAGING DIRECTOR,
M/S TIRUCHIRAPPALLI SMART CITY LIMITED,
TIRUCHIRAPPALLI-620001.

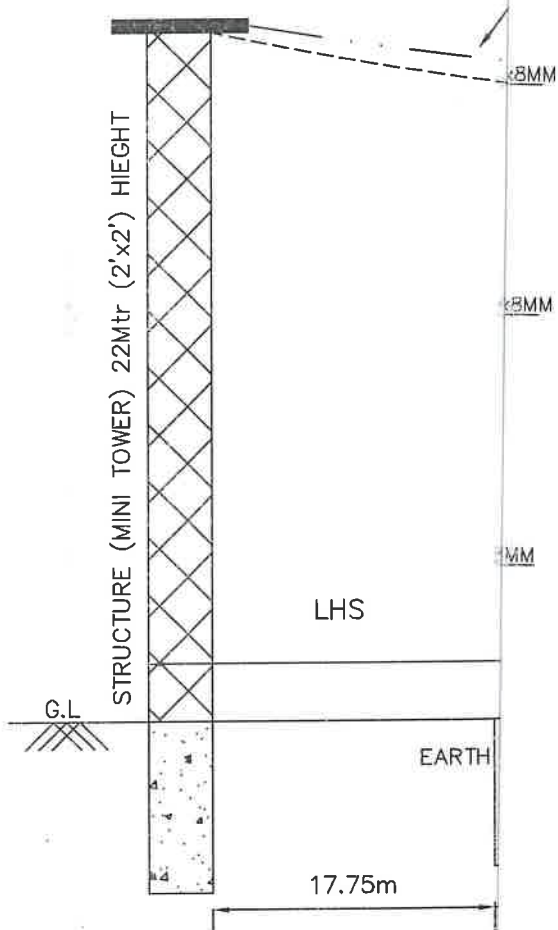
1. ALL DIMENSION ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 0.8 KM
3. SCALE - NTS

10/13

SKETCH ROUGH
MINI TOWER



CROSS SECTION ALL
DIMENSIONS ARE IN
METER



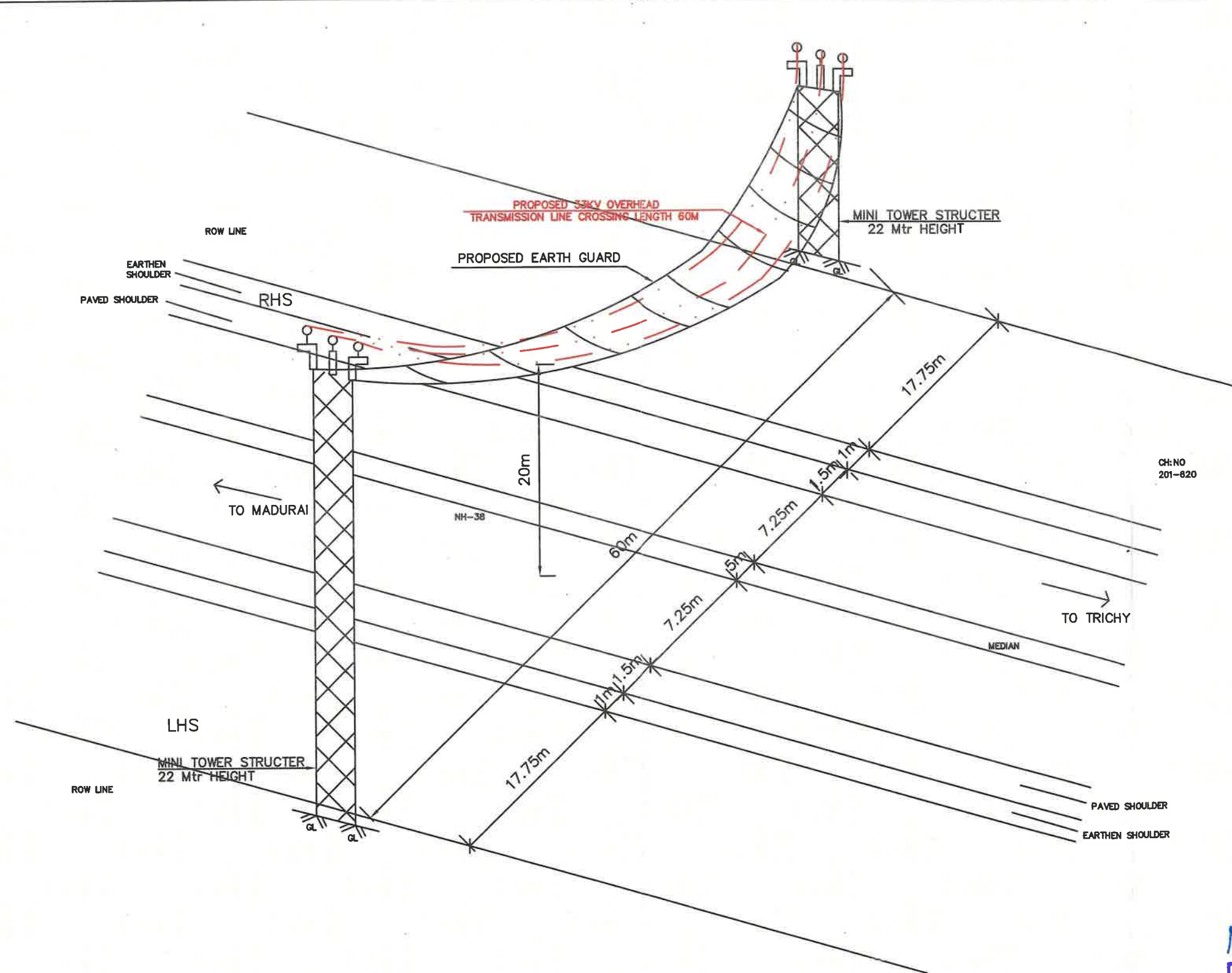

DGM (T) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIU-TRICHY - 620 001.

11/13

ER HEAD TRANSMISSION LINE
G FOR 60 METERS

TIRUCHIRAPPALLI SMART CITY LIMITED.,

SKETCH SHOWING THE 33KV OVER HEAD TRANSMISSION LINE CROSSING WITH THROUGH MINI TOWER AT NHAI IN TRICHY TO MADURAI BYPASS ROAD. (NH38 AT KM4.400)



[Signature]
DGM (T) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIU-TRICHY - 620 001.

[Signature]
CITY ENGINEER
Tiruchirappalli City Corporation.

NOTES:

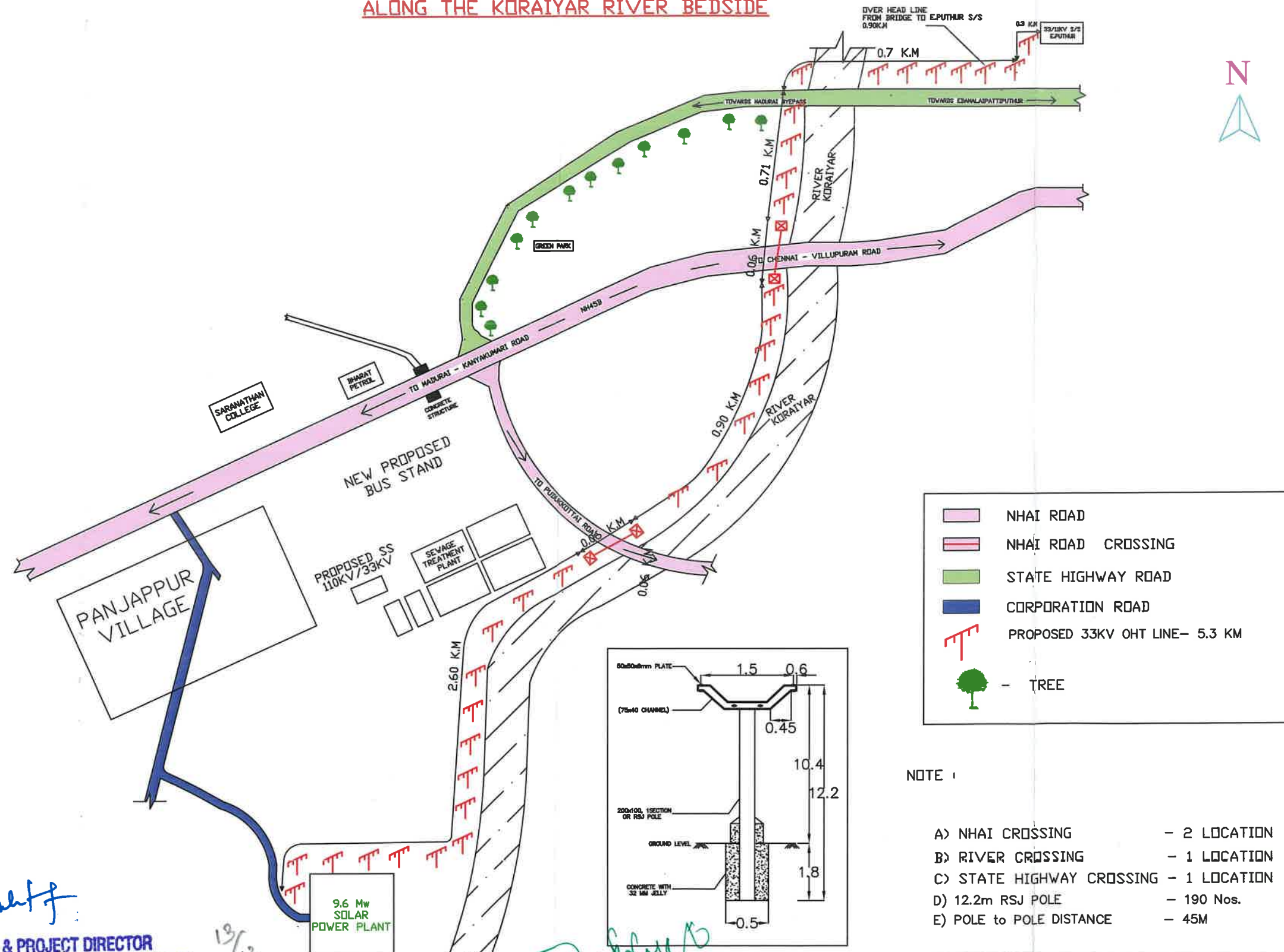
- 33KV OVER HEAD TRANSMISSION LINE CROSSING FOR 60 METERS

TIRUCHIRAPPALLI SMART CITY LIMITED

9.6MWp GROUND MOUNTED SOLAR POWER PLANT 33KV OVER HEAD TRANSMISSION LINE ROUTING KEY PLAN FOR SOLAR POWER PLANT

PANJAPPUR TO EDAMALAIPATTIPUDUR 33/11KV SUBSTATION

ALONG THE KORAIYAR RIVER BEDSIDE



M. Senthil
DGM (T) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIU-TRICHY - 620 001.

[Signature]
CITY ENGINEER
Tiruchirappalli City Corporation.

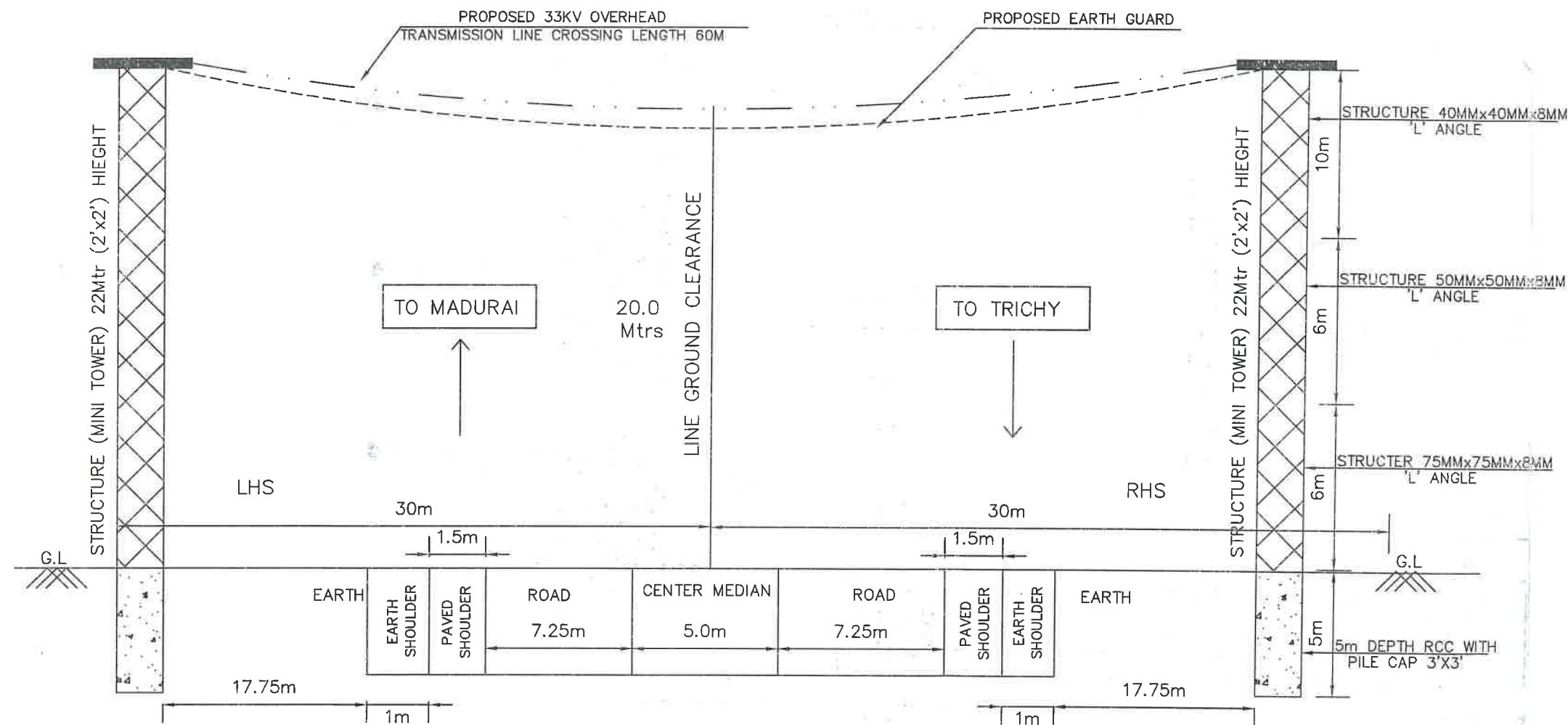
KEY PLAN SHOWING THE 33KV OHT LINE THROUGH RSJ POLE 40' (12.2Mtr) FOR A DISTANCE OF 5.3 KM FROM PANJAPPUR SITE TO EDAMALAIPATTIPUDUR 33/11 KV SUBSTATION.

TIRUCHIRAPPALLI SMART CITY LIMITED.,

SKETCH SHOWING THE 33KV OVER HEAD TRANSMISSION LINE CROSSING WITH THROUGH MINI TOWER AT NHA IN TRICHY TO MADURAI BYPASS ROAD. (NH38 AT KM4.400)



CROSS SECTION ALL
DIMENSIONS ARE IN
METER



[Signature]
CITY ENGINEER
Tiruchirappalli City Corporation.
21.4.23

[Signature]
DGM (T) & PROJECT DIRECTOR
NATIONAL HIGHWAYS AUTHORITY OF INDIA
PIU-TRICHY - 620 001.

NOTES:

— — — 33KV OVER HEAD TRANSMISSION LINE
CROSSING FOR 60 METERS