



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, माटुतावनी, मदुरै-625 007
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/15018/3.3/03/2023/RO Madurai/E:209295/1075

30th June, 2023

INVITATION OF PUBLIC COMMENTS

Sub: NHAI - PIU, Karaikudi - Establishment of 4 X 2.4MWp (9.6 MWp) Ground Mounted Solar Power Plant at Panjappur, Phase-II in Tiruchirappalli City Corporation - Erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67)-Invitation of Public Comments - Reg.

Ref: PD, Karaikudi Lr.No-NHAI/PIU/Karaikudi/11032/Utility-EB/2023/830 dated 15.062023.

The proposal received from PD, Karaikudi vide Lr. No- NHAI/PIU/Karaikudi/11032/Utility-EB/2023/830 dated 15.062023 there by requesting permission for Erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67) in the state of Tamil Nadu as proposed by, Commissioner, 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.

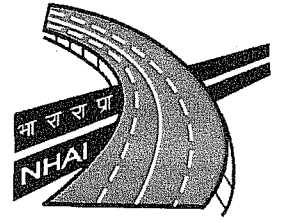
Mahendra Meena
30/06/23

(Mahendra Meena),
Dy. Manager (Tech.,)

Encl. As above

Copy to:

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



NHA/PIU/Karaikudi/11032/Utility-EB/2023/ 830.

June 15, 2023

To

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

Sir,

Sub: NHA - PIU, Karaikudi - Establishment of 4 X 2.4MWp (9.6 MWp) Ground Mounted Solar Power Plant at Panjappur, Phase-II in Tiruchirappalli City Corporation - Erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67) - **Proposal submitted - Approval - Requested - Reg.**

Ref: 1. Commissioner, City Corporation, Trichy Lr.No.10127/2020/E1(Main), dt:27.04.2023
2. RE, M/s.L.N.Malviya Infra, Karaikudi Lr.No.LNMIPPL/PO/PD/NHA/Trichy Bypass/2023-24/125, dt:09.06.2023

It is to submit that the Commissioner, City Corporation, Tiruchirappalli vide reference 1st cited has submitted the proposal seeking permission for erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67).

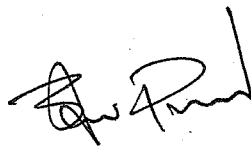
2. The same has been forwarded to the Supervision Consultant for offering their comments. The Resident Engineer, M/s.L.N.Malviya Infra Projects, Karaikudi vide reference 2nd cited has inspected the site and stated that the said proposal has been verified and found in order.

3. On scrutiny of the proposal, the following details are submitted:

- The Commissioner, City Corporation, Tiruchirappalli has proposed the erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67) for a total length of 60m.

National Highways Authority of India

- b) The said proposal has been submitted in NOC portal and the application reference number is 20230505/1/4/19387/2735
- c) The width of Existing ROW is 60 m.
- d) The strip plan showing the details of proposed erection of 33KV Electrical Over Head Transmission line with M+3 Tower and necessary checklist are furnished along with the proposal.
- e) The Commissioner, City Corporation, Tiruchirappalli has given undertaking that they will relocate electrical lines / utilities at their cost notwithstanding the permission granted within such time as stipulated by NHAI for future 4 laning or any other development.
- f) The Commissioner, City Corporation, Tiruchirappalli has given undertaking on non-judicial stamp paper, that they will pay the fee / rent as mentioned in the MoRT&H Guidelines / Circular No.RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 as and when asked by NHAI.
- g) The track rent and restoration charges to be collected from the agency are calculated as per the MoRT&H Guidelines / Circular No.RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.
- h) The cost of restoration charges for the erection of 33KV Electrical Over Head Transmission line with poles is worked out as **Rs.1,00,000/- (Rupees One Lakh only)** for which the applicant is required to furnish the BG having validity upto one (1) year as per the Annexure-I.
- i) The track rent to be collected for erection of 33KV Electrical Over Head Transmission line with poles along / across the road is for five years as **Rs.56,371/- (Rupees Fifty Six Thousand Three Hundred Seventy One Only)** for which the applicant is required to be remitted in Bharatkosh Portal valid for upto Five (5) years period as per the Annexure-II.
- j) The statement showing the list of utility services already approved by the Competent Authority is enclosed as Annexure-III.
- k) Certificate by the undersigned is enclosed as Annexure-IV.
- l) The site will be restored to the original condition by the applicant.



National Highways Authority of India

4. In view of the above, it is requested that the necessary permission may please be granted to the Commissioner, City Corporation, Tiruchirappalli for erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67) in the state of Tamil Nadu at an early date.

Yours faithfully,


15/6/23
(B. Arun Prasad)

DGM(T) & Project Director
NHAI, PIU, Karaikudi

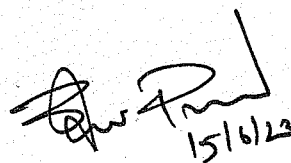
Encl: 1 No. of Original Proposal with references.

Copy to: The Commissioner, City Corporation, Tiruchirappalli.

ANNEXURE-I

Performance security against the restoration work for erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67).

Sl. No.	Description	Length in mtrs.	
A.	Erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67)		
	Cross the road @ Km.135/550 (1 Location)	=	1
	Cost of Restoration Charges @ Rs.1,00,000/- per Crossing (1 x 100000)	=	100000
Grant Total			100000
			Say Rs.1.00 Lakh



15/6/23

B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAISKUDI

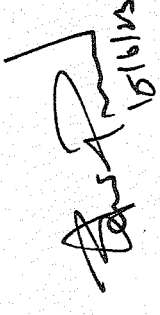
LICENSE FEES FOR PRIVATE UTILITY

Utilized NH Land area X prevailing Circel Rate of Land per unit area X 1.5% per annum

ANNEXURE-II

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	Width of electric line (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)	LICENSE FEE (PRIVATE UTILITY) (Rs)
		FROM	TO						
	Crossing								
1	K.Sathanur North	135.500			60	2.64	158.40	3770.00	597168
TOTAL					60		158.40		597168
1.5% per annum on License Fee									
License Fee for 5 years									
									8957.52
									44787.6

Minimum License Fee	10000
Add: 6% per annum for 2 year	600.0
Add: 6% per annum for 3 year	636.0
Add: 6% per annum for 4 year	674.2
Add: 6% per annum for 5 year	714.6
Minimum License Fee for Public Utility for 5 years	56371

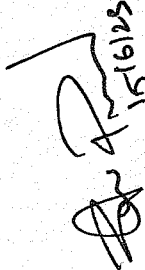

15/6/23

B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAIKUDI

[Enclosure to Ministry Circular No.RW/NH-33044/17/2000-S&R dated 29.09.2000 and dated 23.07.2009]
 Format for Maintaining Records of Right-of-Way permission granted for laying Water Supply Pipeline
 (to be maintained separately for every NH and State)

1. Name of State : TAMIL NADU
 2. Name of Agency : NATIONAL HIGHWAYS AUTHORITY OF INDIA, PIU, KARAIKUDI
 3. NH Number : TRICHY BYPASS ON NH 67 (CONNECTING THUVAKUDI - MATHUR - PANCHAPPUR)

Sr. No.	Location (chainage in km)	Left or Right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of Service	Name of License and contact address	Date of signing agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MoRT&H Standard norms	Remarks
1	Across at Km. 134/620 of NH 67	BHS	Sathanur	Sewage pipeline	The Commissioner, City Corporation, Trichy	18.11.2022	17.11.2027	-	-	

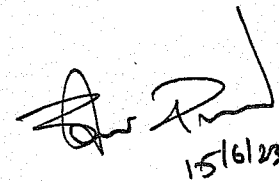

 15/16/23
 B. ARUN PRASAD
 DGM(T) & Project Director
 National Highways Authority of India
 PIU - KARAIKUDI

ANNEXURE-IVCERTIFICATE OF THE PROJECT DIRECTOR

NAME OF THE WORK:- Proposal for erection of 33KV Over Head Transmission Line by crossing the NH road at Km.135/550 of Trichy Bypass (connecting Thuvakudi - Mathur - Panjappur) on NH 83 (Old NH No.67).

It is certified that,

1. The proposal is found in order as per the Ministry Circular.
2. The proposal if implemented will not affect design stability & traffic safety.
3. The proposal if approved will be entered in the register for records of permission.
4. The proposal for crossing if implemented will not get affect due to the widening of the road in near future. Further, the Commissioner, City Corporation, Tiruchirappalli has given undertaking that they will relocate electrical supply lines at their own cost notwithstanding the permission granted within such time as stipulated by NHAI for future development.



B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAISKUDI

The information provided Online is updated and no physical visit is required for the Services provided Online.

Guideline Search

Search Criteria :

Zone: TRICHY
 Guideline Village: WARD AS
 Revenue District: CHETTIAPATTI
 Street/Survey Number:

Sub Registrar Office: KEEZHATHANUR

Revenue Village:
 Revenue Taluk:

List All Street

One item found

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O Download
1	CHETTIAPATTI	350/ Square Feet	3770/ Square Meter	Residential Class II Type - I	01-Apr-2023	

Back

Show all

SIB Affidavit Trichy.docx

m.pptx

12:45 PM
10/Jan/2023

Office : No.30, 2nd Kannadhasan Street, Karaikudi - 630 002.
Sivagangai District, Tamil Nadu.

CIN NO. : U45201DL2010PTC373715

E- mail : trichy2karaikudionm@gmail.com | web.:www.lninfra.com

No. LNMIPPL/PO/PD/NHAI/Trichy Bypass/2023-24/125

Date:09.06.2023

To:

The Project Director,
National Highways Authority of India,
Project Implementation Unit,
No.1,2nd Floor, Subramaniapuram ,3rd Street,
Karaikudi – 630 002 (TN).

PIU - KARAIKUDI	
DATE :	12/06/2023
DIARY No :	1372.
PD	<input checked="" type="checkbox"/>
MGR (TECH)	<input checked="" type="checkbox"/>
Dy.MGR (TECH)	<input checked="" type="checkbox"/>
ACCT.	<input checked="" type="checkbox"/>
IAO	<input checked="" type="checkbox"/>
ORIGIN	<input checked="" type="checkbox"/>

Sub: Consultancy services for Operation and maintenance of Trichy Bypass on NH-83 (Old – 67) from KM 110.016 to KM 135.930; on Trichy – Pudukottai on NH-336 (Old-210) from KM 10.000 to KM 43.600; Pudukottai – Thirumayam on NH-36 (Old-210) from KM 43.600 to KM 66.000 Thirumayam – Karaikudi - Ramanathapuram on NH-536 (Old-210) from KM 66.000 to KM 174.000 in the state of Tamilnadu –
Proposal for permission Erection of 33KV Over Head Transmission Line Crossing NH-83 Road at Km 135/550 - Observation and Comments of Authority Engineer.

Ref: NHAI letter no. NHAI/PIU/Karaikudi/11032/TRY-Corp.-EB/2023/616
Dated 09-05-2023

Dear Sir,

Please note that the proposed drawing mentions Overhead transmission line crossing in NH – 83 at Ch 135+550 on (LHS) at 36m offset from Centre line and on the (RHS) at 24m offset from Centre line of the Highway Road.

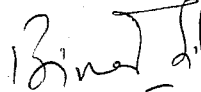
The minimum height of the Clearance between ground level way to transmission lining crossing is 14.25m. This is acceptable

Since the proposal does not affect traffic in any manner. Authority Engineer foresees no problem due to the proposal 33KV over transmission line crossing.

Therefore, recommends the proposal for acceptance and approval.

This is for your information and direction please.
Thanking You and assuring you of our best services.

With Regards,



(Binod Sinha)

Highway Maintenance cum Resident Engineer
For M/S L.N Malviya Infra Projects Pvt. Ltd.
In Association with Infratech Solutions & consultant

Encl: AS Received



709694/2023/PIU - Karaikudi

L.N. MALVIYA INFRA PROJECTS PVT. LTD.

Office : No.30, 2nd Kannadhasan Street, Karaikudi - 630 002.
Sivagangai District, Tamil Nadu.

CIN NO. : U45201DL2010PTC373715

E- mail : trichy2karaikudionm@gmail.com | web:www.lninfra.com

No. LNMIPPL/PO/PD/NHAI/Trichy Bypass/2023-24/125

Date:09.06.2023

To:
The Project Director,
National Highways Authority of India,
Project Implementation Unit,
No.1,2nd Floor, Subramaniapuram ,3rd Street,
Karaikudi – 630 002 (TN).

Sub: Consultancy services for Operation and maintenance of Trichy Bypass on NH-83 (Old – 67) from KM 110.016 to KM 135.930; on Trichy– Pudukottai on NH-336 (Old-210) from KM 10.000 to KM 43.600; Pudukottai – Thirumayam on NH-36 (Old-210) from KM 43.600 to KM 66.000 Thirumayam – Karaikudi - Ramanathapuram on NH-536 (Old-210) from KM 66.000 to KM 174.000 in the state of Tamilnadu –
Proposal for permission Erection of 33KV Over Head Transmission Line Crossing NH-83 Road at Km 135/550 - Observation and Comments of Authority Engineer.

Ref: NHAI letter no. NHAI/PIU/Karaikudi/11032/TRY-Corp.-EB/2023/616
Dated 09-05-2023

Dear Sir,

Please note that the proposed drawing mentions Overhead transmission line crossing in NH – 83 at Ch 135+550 on (LHS) at 36m offset from Centre line and on the (RHS) at 24m offset from Centre line of the Highway Road.

The minimum height of the Clearance between ground level way to transmission lining crossing is 14.25m. This is acceptable

Since the proposal does not affect traffic in any manner. Authority Engineer foresees no problem due to the proposal 33KV over transmission line crossing.

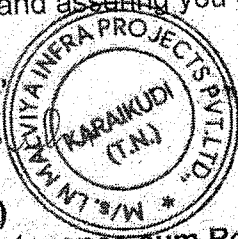
Therefore, recommends the proposal for acceptance and approval.

This is for your information and direction please.
Thanking You and assuring you of our best services.

With Regards,


(Binod Sinha)

Highway Maintenance cum Resident Engineer
For M/S L.N Malviya Infra Projects Pvt. Ltd.
In Association with Infratech Solutions & consultant



709694/2023/PIU - Karaikudi

Municipal Administration & Water Supply Department

From Dr. R. Vaithinathan, I.A.S., Commissioner, Tiruchirappalli City Corporation, Tiruchirappalli – 620 001.		To The DGM (T) The Project Director, National Highways Authority of India, No.1, 2nd Floor, Subramaniapuram 3 rd Street, Karaikudi – 630 002.
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Roc. No.10127/2020/E1(Main), Dated:27.04.2023.

Sir,

PIU - KARAIKUDI
DATE: 08/05/2023
DIARY No.: 1120.
PD
MGR (TECH)
ACCT.
LAO
SECTION

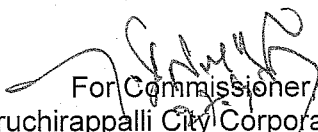
Smart City Mission – Tiruchirappalli City Corporation - Establishment of 4 x 2.4MWp (9.6 MWp) Ground Mounted Solar Power Plant at Panjappur, Phase-II in Tiruchirappalli City Corporation – Requested Clearance to cross 33KV Over Head Transmission line at NH 83 at Trichy Bypass (connecting – Thuvakudi – Mathur – Panjappur) at KM 135.550 – Regarding.

Establishment of 4 x 2.4MWp (9.6 MWp) Ground Mounted Solar Power Plant at Panjappur under Smart City Mission.

I wish to state that Tiruchirappalli Smart City Limited has completed the project of establishment of 4 X 2.4Mwp (9.6 MWp) Ground Mounted Solar Power Plant at Panjappur (Phase-II) under Smart City Mission in Tiruchirappalli Corporation Land. 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 Bypass NH-83 (Connecting – Thuvakudi – Mathur – Panjappur)
8. Drawing – Road Crossing details of overhead transmission line.

Hence, I request you to give necessary approval to cross the 33KV Over Head Transmission line to Edamalaipattipudur S/S at KM 135.550 at the earliest.


For Commissioner
Tiruchirappalli City Corporation.

Encl : As stated above.


27/4/2023

709694/2023/PIU - Karaikudi

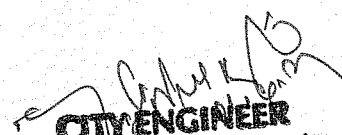
Proposal for installation of 33KV Over Head Transmission Line crossing in NH-83 Trichy Bypass (Connecting – Thuvakudi – Mathur – Panjappur) at KM: 135/550

GENERAL TO ACCOMPANY ALL PROPOSALS

CHECK LIST

GENERAL

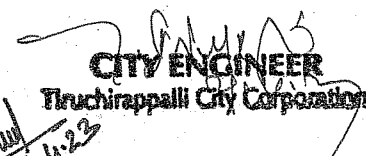
- | | |
|---|---|
| 1) Whether the site plan is drawn to a scale
Of 1:2500 or 1:1000 and enclosed | : Yes |
| 2) Whether the details for 100m either side of the
Utility laying have been furnished | : Yes |
| 3) Does the plan is shown in full | : Yes |
| a) NH boundary line with distance from Centre
Line 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 marked 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
Divisions | : Yes |
| g) Purpose of the Proposal in Details | : Installation of 33KV Over
Head Transmission Line
At 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 |


CITY ENGINEER
 Trichyappalli City Corporation.
 27.4.23

- k) Reason why the proposal could not be Accommodate outside : No Feasible to reach destination
- l) Whether any other location other than This difficult or costly : No other location and not feasible
- m) Whether the proposal, if implemented now will Affect and likely future improvement, in this Stretch of likely to be sanctioned in the near Future whether they will be affected by this : No
- n) Whether the proposal, if implemented now will Affect the design stability and traffic Safety of National Highways : No
- o) Whether the proposal, if implemented now will Affect and likely future improvement, such as Improvement in geometric : No
- p) If there any proposal for improvement, in this Stretch of likely to be sanctioned in the near Future where they will be affected by this : No

Condition

1. The erection of electrical pole should not be place longitudinally for considerable length along NH- **Noted**
2. The crossing of erection of electrical pole shall be square in it normal to NH – **Yes Noted**
3. Existing drainage structure shall not be used to carry the cable unless specifically permitted by the Govt. of India – **Not Applicable as we do Over Head Transmission Line**
4. Cable should be provided with a coating pipe of larger dial and with 0.3 M bedding below the casing pipe if laid – **Not Applicable as we do Over Head Transmission Line**


CITY ENGINEER
 Tiruchirappalli City Corporation
 21/4/23

CHECK LIST

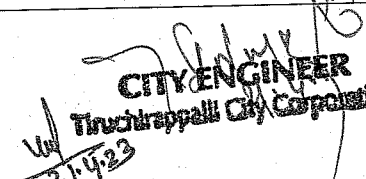
Guidelines for Project Directors for processing the Proposal for installation of 33KV Over Head Transmission Line crossing in NH –83 Trichy Bypass (Connecting Thuvakudi-Mathur Panjappur) at KM 135.550

Relevant Circular

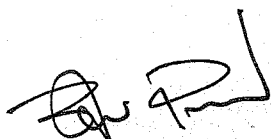
1. Ministry Circular No.NH-III/P/66/76 dated 19.11.1976


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-83	
1.3	State	Tamil Nadu	
1.4	Location	NH-83 Trichy to Pudukkottai	
1.5	(Chainage in km)	KM 135/200 to 136/000	
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 – 36 135/550	
	b) Right side from centre line towards increasing chainage / km direction	RHS – 24 135/550	
1.8	Proposal to erection of electrical pole		
	a) Left side from centre line towards increasing chain age / km direction	LHS – 36 135/550	
	b) Right side from centre line towards increasing chain age / km direction	RHS – 24 135/550	
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)	2	


B. ARUN PRASAD
Project Director

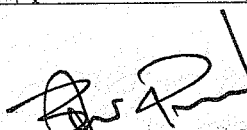

CITY ENGINEER
Tiruchirappalli City Corporation
21/4/23
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1.13	Proposed Number of lanes (2 lanes with paved shoulder/4/6/6 lands)		
1.14	Service road existing or not		
	If yes then which side		
	a) Left side from the centre line	NA	
	b) Right side from the centre line	NA	
1.15	Proposed Service Road		
	a) Left side from the centre line	NA	
	b) Right side from the centre line	NA	
1.16	Whether proposal to erection of electrical pole after the service road or between the service road and main carriage way	NA	
1.17	The permission for erection of electrical pole shall be considered for approval / rejection based on the ministry Circulars mentioned as above	Yes Noted	
1.18	If crossing of the road involved if yes, it shall be either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line	Crossing involved by Over Head Transmission Line	
	a) Existing drainage structures shall not be	NA	
	b) Is it on a line normal to NH	NA	
	c) Crossing shall not be too near the existing structures on the national highway, the minimum distance being 15 meters. What is the distance from the existing structures	NA	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable	NA	
	e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	NA	
	f) The casing / conduit pipe should as minimum extend from drain in cuts and toe of	NA	


B. ARUN PRASAD
 Project Director

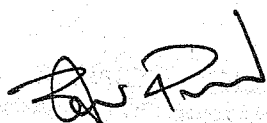

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	slope in the fills		
	g) The top of the casing / conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3m below the drain inverts	NA	
	h) Crossing shall be by boring method (HDD) specially where the existing 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,	Yes	

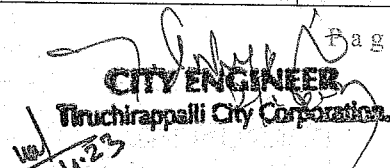

B. ARUN PRASAD
DGM(T) & Project Director


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	important mile stone, intersection cross drainage works etc		
2.4	Methodology for erection for electrical pole	Yes, will be submitted	
2.4.1	Open trenching method (May be allowed utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) if yes, methodology of refilling of trench	NA	
	a) The trench width should be atleast 30cm, but not more than 60cm wider than the outer diameter of the pipe	NA	
	b) For filling of the trench bedding shall be to a depth of not less than 30cm. It shall consist of granular cobbles and graded to yield a firm bearing value. Unsuitable soil and rock edged should be excavated and replace 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 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctors Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted	NA	
	e) The road crust shall be built to the same strength as the existing crust on either side of the trench care shall be taken to avoid for formation of a dip the trench	NA	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours	NA	

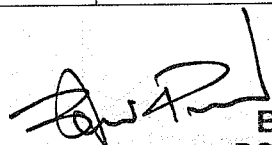


B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India




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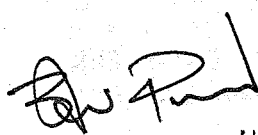
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	NA	
2.4.3	Erection of electrical pole through CD works and method of laying		
3	Draft license agreement signed by two witnesses	Yes	
4	Performance bank 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 laying 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	Yes	



B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
DH - KARAIKUDI

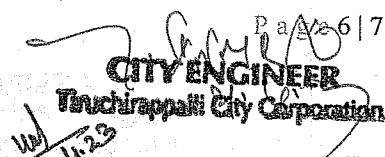

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	S & R dated 29.09.2000 And NHAI's Guidelines Issued vide no NHAI/OEC/2K/Vol.II dated 07.11.2000 an ministry circular no RW/NH-33044/27/2000-S & R@ dated 21.03.2006 and mnistry's guidelines Lr no RW/NH-33044/27/2006 S & r @ Pt dated 06.08.2013 RW/NH -33044/29/2015 / S7R @ dated 22.11.2016		
8.2	<p>Certificate for 6-laning</p> <p>a) Where feasibility id available "I do certify that there will be no hindrance to proposed eight laning based on the feasibility repost considering proposed structure at the said location"</p> <p>In case feasibility repost is not available "I do certify that sufficient ROW is Available At Site For accommodating proposed eight-laning"</p>	Yes : Enclosed	
9.0	The agreement fee of Rs.1 shall be charged	yes	
10.0	If NH Section proposed to be taken up by NHAI on BOT basis clause in para 17 to be inserted in the agreement " The permitted highway on which licence has been guarantee the right of way to the concessionaire under the concession agreement for up- gradation of NH-45 Road (padalur – Trichy section) along the road from Km.314/600 to 321/700 on build, operate and transfer basic and therefore the licensee shall honour the same	N.A	
11	Who Will Supervise the work of laying of OFC	Consultants	
12	Who will ensure that the defect in road portion after laying of OFC area corrected and if not corrected then what action will be taken	M/s.Tiruchirappalli Smart City Limited, No.58, Bharathidasan Salai, Cantonment, Tiruchirappalli, Tamil Nadu – 620001	
13	Who will Pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire	M/s.Tiruchirappalli Smart City Limited, No.58, Bharathidasan Salai, Cantonment, Tiruchirappalli, Tamil Nadu – 620001	

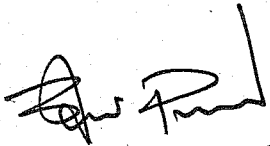


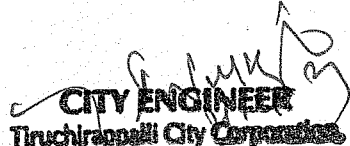
B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India.
PIT - KARAIKUDI

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14	A Certificate for PD that He will enter the proposed permission in the register of record of the permission in 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	Enclosed	
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	


B. ARUN PRASAD
 DGM(T) & Project Director
 National Highways Authority of India
 PIU - KARAUKUDI


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 21.4.23



தமிழ்நாடு தமில்நாடு TAMILNADU

6 APR 2023

DA 329372

AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS

FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS

சா. அம்மாநாத், மு.வி

மு.வி.லாளர் நீதி மன்றம்
மாவட்ட நீதி மன்ற வளாகம்

எண்: 2/2000, திருச்சி

செல் எண்: 93451 61811

Agreement to cross 33KV Over Head Transmission Line at Trichy Bypass (Connecting – Thuvakudi
Mathur – Panjappur) NH-83 and at KM 135/550KM of Trichy Bypass (Connecting – Thuvakudi –
Mathur – Panjappur) NH-83 land.

This Agreement made this _____ day of _____ (month _____ of (year) between
DGM (T) The Project Director acting in his executive capacity through NHAI - PIU No.1, 2nd
Floor, Subramaniapuram, 3rd Street, Karaikudi – 630002 (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
135/550 NH83 Row.

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

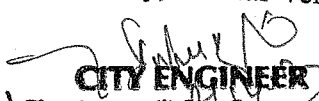
Whereas the Licensee has applied to the Authority for permission to lay utility services KM135/550
of road/route NH 83

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

[Signature]
CITY ENGINEER
Tiruchirappalli City Corporation.
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/- /m/month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MORT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the Row. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge,


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shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.

8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where Row restricted the utility services can be allowed beneath the carriageway of service frond, if available, Subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry
12. Existing drainage structures shall not be allowed to carry the lines across
13. The bottom of the overhead transmission line containing the utility services to cross the road shall be at least 13.4 Mtr above the top of the sub grade of the existing ground level whichever is higher. Atypical sketch showing the clearances is given in Attachments
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cms wider than the


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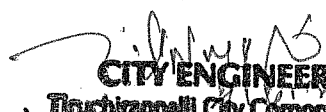
outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.

- a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill shall be completed in two stages. (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 time 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.

[Signature]
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Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority its designated agency for any damage sustained by them by reason of the exercise of the Row. facility;

21. The Licensee shall shift the utility services within 90 Days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities underground installations/facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right to make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank Out maintenance/repair works shall be furnished by the Licensee.



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27. Each day, the extent of digging the trenches should be strictly regulated so that utility services 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.
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 Tight 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 License to the use thereof shall not become absolute and infeasible 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


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approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. No withstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for day loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.

38. The Licensee shall ensure adherence to relevant Indian Standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- operation, repair and maintenance guidelines given by the manufacturers,
 - the requirements of Law,
 - the physical conditions at the Site, and
 - The safety of operating personnel and human beings.
39. The License shall have to provide safety measures like barricading danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all
43. For PPP Projects in case of any financial loss incurred by the respective project Concessionaires due to such Laying/shifting of utility services by the Licensee compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MoRT&H NHAI implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.


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709694/2023/PIU - Karaikudi

This agreement has been made in duplicate, each on a Stamp Paper, Each party to this Agreement has retained one stamped copy each.

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI _____

(Signature, name & address with stamp)

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

BY SHRI _____
(Signature, Name & address with stamp)

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21.4.23

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 329373

அ. அம்மாநாத், 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 135/550 Km of Trichy Bypass (Connecting – Thuvakudi – Mathur – Panjappur) NH-83 for a length of 60 meters at KM 135/550.

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

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Tiruchirappalli City Corporation.

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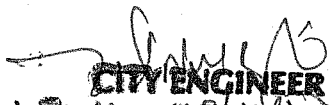
debris/loose earth. In case the work Contemplated, herewith is not Completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 month from the date of issue of the bank guarantee, M/s.Tiruchirappalli Smart City Limited shall either furnish a fresh Guarantee or extend 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

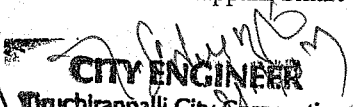
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 21/4/23

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 days and the site shall be brought back to the original condition / failing which the M/s. Tiruchirappalli Smart City Limited will lose the right to remove the Over Head Transmission Line the M/s.Tiruchirappalli Smart City Limited shall furnish a bank guarantee to the owner for a period of one year for an amount accessed by the owner for making good the area by proper clearing debris, at least 50m away from the edge of the right way
6. Traffic movement during running of Over Head Transmission Line 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 M/s. Tiruchirappalli Smart City Limited.
7. If any claim is raised by the concessionaire then the same has to be paid by the applicant: M/s.Tiruchirappalli Smart City Limited 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 M/s.Tiruchirappalli Smart City Limited. The concerned agency in coordination with NHAI shall also have a right to make good such damage / recover the claims by way of invoking of Bank Guarantee furnished by M/s.Tiruchirappalli Smart City Limited. If M/s.Tiruchirappalli Smart City Limited fails to comply with the condition 5 and 6 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the M/s.Tiruchirappalli Smart City Limited.
8. We M/s.Tiruchirappalli Smart City Limited, hereby do undertake to furnish a performance Bank Guarantee @ Rs.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 to discharge the obligation of making good the damages caused due to our execution at the cost of the M/s.Tiruchirappalli Smart City Limited. And recover the amount by invoking the Bank Guarantee. In case the work contemplated is not completed to the satisfaction
9. Not to damage to other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency
10. 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 Guarantees. M/s.Tiruchirappalli Smart City Limited shall either furnish a fresh guarantee or extend the guarantee for a further period of one year
11. We will relocate Over Head Transmission Line at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-lining or any other development
12. We M/s.Tiruchirappalli Smart City Limited, hereby undertake that existing avenue plantation is not affect due to the present proposedoverhead transmission line NH-83 road KM:135/200 to KM:136/000Trichy Bypass (Connecting – Thuvakudi – Mathur – Panjappur) Tamil Nadu State


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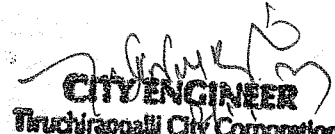
13. We M/s.Tiruchirappalli Smart City Limited, hereby undertake that to pay the fee / rent as mentioned in the Ministry Guidelines Lr.No.RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI
14. We M/s.Tiruchirappalli Smart City Limited, hereby undertake that the Mini Tower arrangement 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,

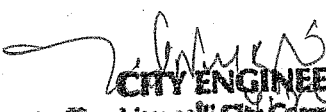

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Authorized Signatory
21-1-2023

Annexure- 1**Conditions to be enclosed/incorporated in the approval letter for permission for erection of Electrical Over Head Transmission Line with Pole**

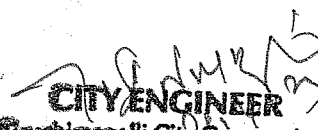
1. The erection of 33 KV Electrical Over Head Transmission Line with Pole shall be located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway.
2. The erection of 33 KV Electrical Over Head Transmission Line with Pole 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)


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- (a) The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.
 - (b) Filling of the trench shall conform to the specifications contained herein below.
 - (c) Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.
 - (d) 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.
 - (e) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
 - (f) 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 Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
 - (g) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.
14. If needed, a diversion shall be constructed at the expense of agency owning the erection of 33 KV Electrical Line with Pole.
15. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the erection of 33 KV Electrical Over Head Transmission Line with Pole located in the National highway right-of-ways.
16. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the erection of 33 KV Electrical Over Head Transmission Line with Pole will be borne by the agency owning the erection of 33 KV Electrical Line with Pole.
17. If the NHAI considers it necessary in future to move the erection of 33 KV Electrical Over Head Transmission Line with Pole for any work of improvement of repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the erection of 33 KV Electrical Over Head Transmission Line with Pole within a reasonable time (not exceeding 60 days) of the intimation given.
18. The licensee shall ensure making good the excavated trench for laying cables by proper filling and compaction, so as to restore the land in to the same conditions 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.


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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.


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 21-4-23

28. 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 digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs...../- per meter length for maintenance/repair work shall have to be furnished by the licensee.
29. 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 NHAI.
30. The licensee shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the digging of trenches for laying cables/ducts.
31. The NHAI has a right to terminate the permission or to extend the period of agreement. In case the licensee wants shifting, repairs or alteration to telecom cables/ducts, he will have to furnish a separate bank guarantee.
32. 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 telecom cables/ducts.
33. 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.
34. During the subsistence of this agreement, the laying erection of 33 KV Electrical Line with Pole/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 of the licensee to the use thereof shall not become absolute and indefeasible by laps of time.
35. The licensee shall bear the stamp duty charged for the agreement.
36. The erection of 33 KV Electrical Over Head Transmission Line with Pole shall not be brought in to use by the licensee unless a completion certificate to the effect that the erection of 33 KV Electrical Over Head Transmission Line with Pole 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.
37. Not with standing anything NHAI contained herein this agreement may be cancelled at any time by the or 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 in curred.
38. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
39. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of licensee.


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Tiruchinappalli City Corporation
11/11/23


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.

[Signature]
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 Tiruchirappalli City Corporation
 21/4/23

"The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of..... section from Km..... to Km..... of NH No.....on Build, Operate and Transfer Basis and therefore, the licensee shall honour the same."

g) A register of records of the permissions accorded has to be maintained by the PD in the prescribed proforma (copy enclosed)

h) Project Director is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant, on behalf of NHAI.


CITY ENGINEER
Tiruchirappalli City Corporation
21.4.23



தமிழ்நாடு தமில்நாடு TAMILNADU 6 APR 2023

DA 329375

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

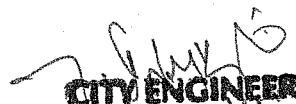
INDEMNITY BOND

Name of Work: Erection of 33KV Over Head Transmission Line crossing of Trichy Bypass (connecting Thuvakudi - Mathur - Panjapur) to Pudukkottai NH - 83 For a length of 60 meters at KM 135/550 section in the state of Tamil Nadu, National highways.

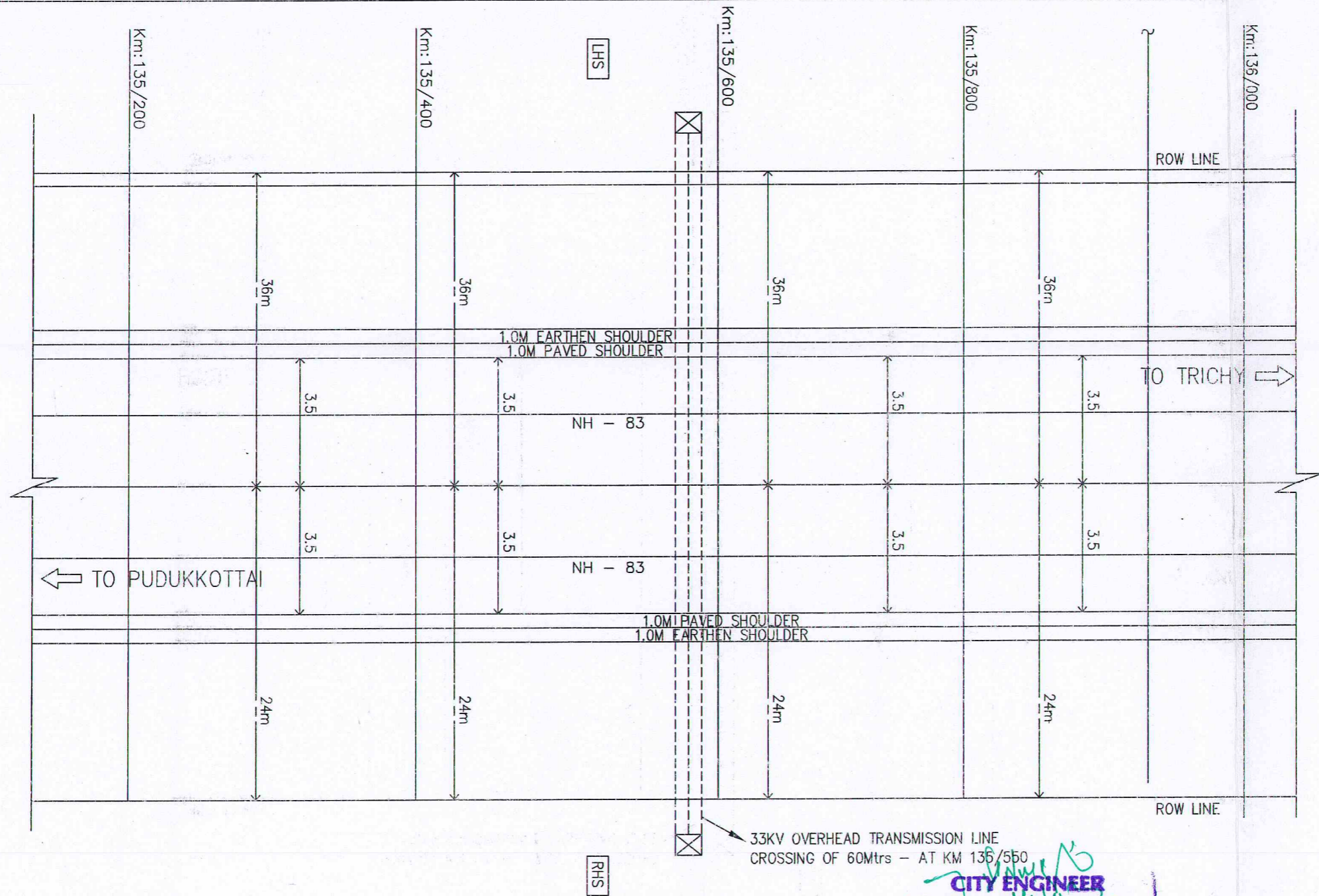
Indemnity against all damages and claim as per SI. No. 5.6 of checklist

We M/s.Tiruchirapalli Smart City Limited, 58 , Bharathidasan Salai, Cantonment ,Tiruchirapalli, Tamil Nadu State is making 33KV Over Head Transmission Line crossing of Trichy Bypass (connecting Thuvakudi - Mathur - Panjapur) NH - 83 For a length of 60 meters at KM 135/550 (Thuvakudi - Mathur - Panjapur) section in the state of Tamil Nadu 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 M/s Tiruchirapalli Smart City Limited,


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 BYPASS ROAD (CONNECTING-THUVAKUDI-MATHUR-PANJAPUR (NH 83 AT KM 135/550))



B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAUKUDI

CITY ENGINEER
Tiruchirappalli City Corporation.
21-4-23

LEGENT:

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

TRICHY BYPASS ROAD (CONNECTING-THUVAKUDI-MATHUR-PANJAPUR (NH 83 AT KM 135/550))

(Km:135/200 TO Km:136)

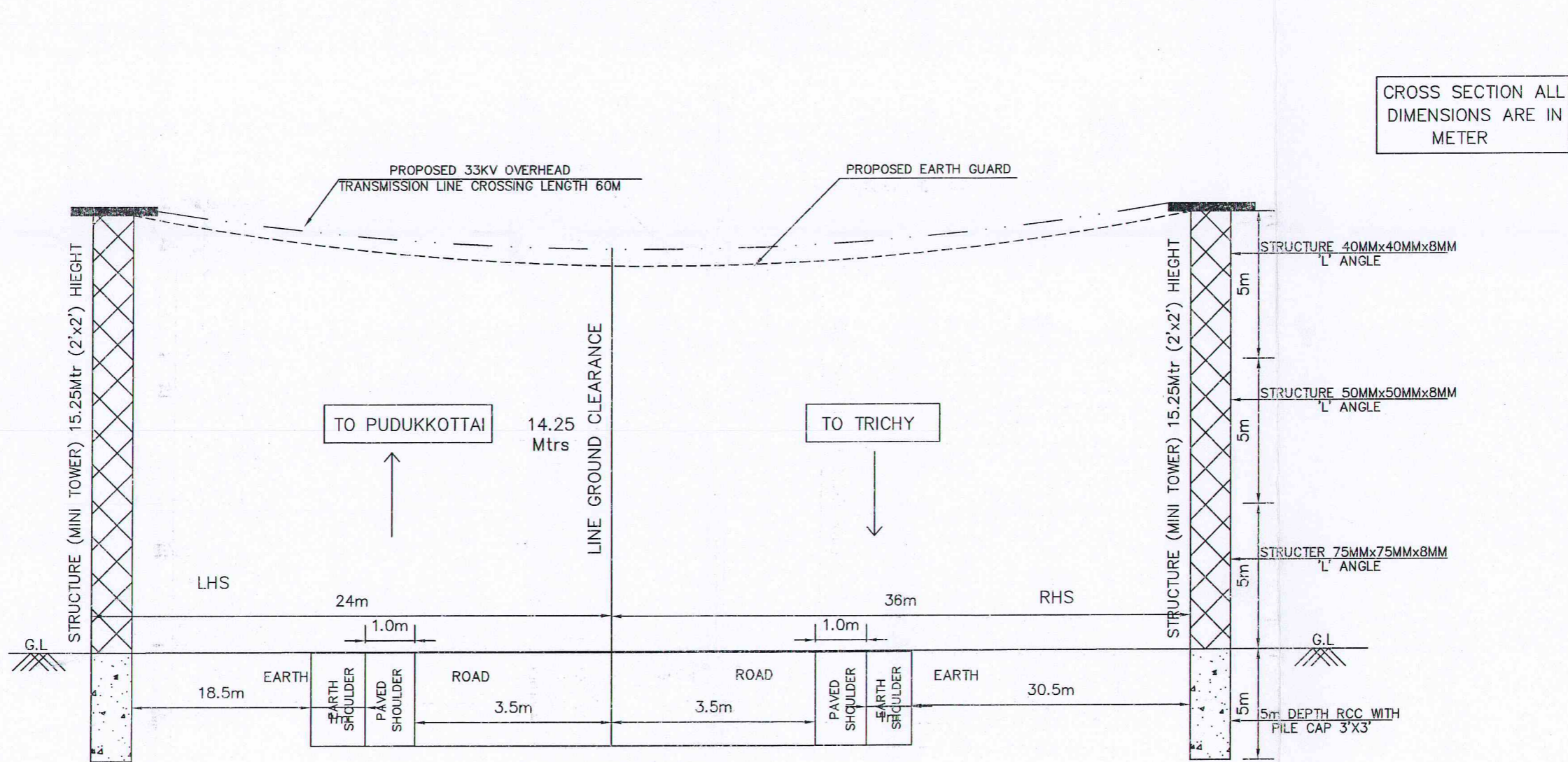
APPLICANT:

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

TIRUCHIRAPPALLI SMART CITY LIMITED.,

SKETCH SHOWING THE 33KV OVER HEAD TRANSMISSION LINE CROSSING WITH THROUGH MINI TOWER AT NHAI IN TRICHY BYPASS ROAD (CONNECTING-THUVAKUDI-MATHUR-PANJAPUR (NH 83 AT KM 135/550)



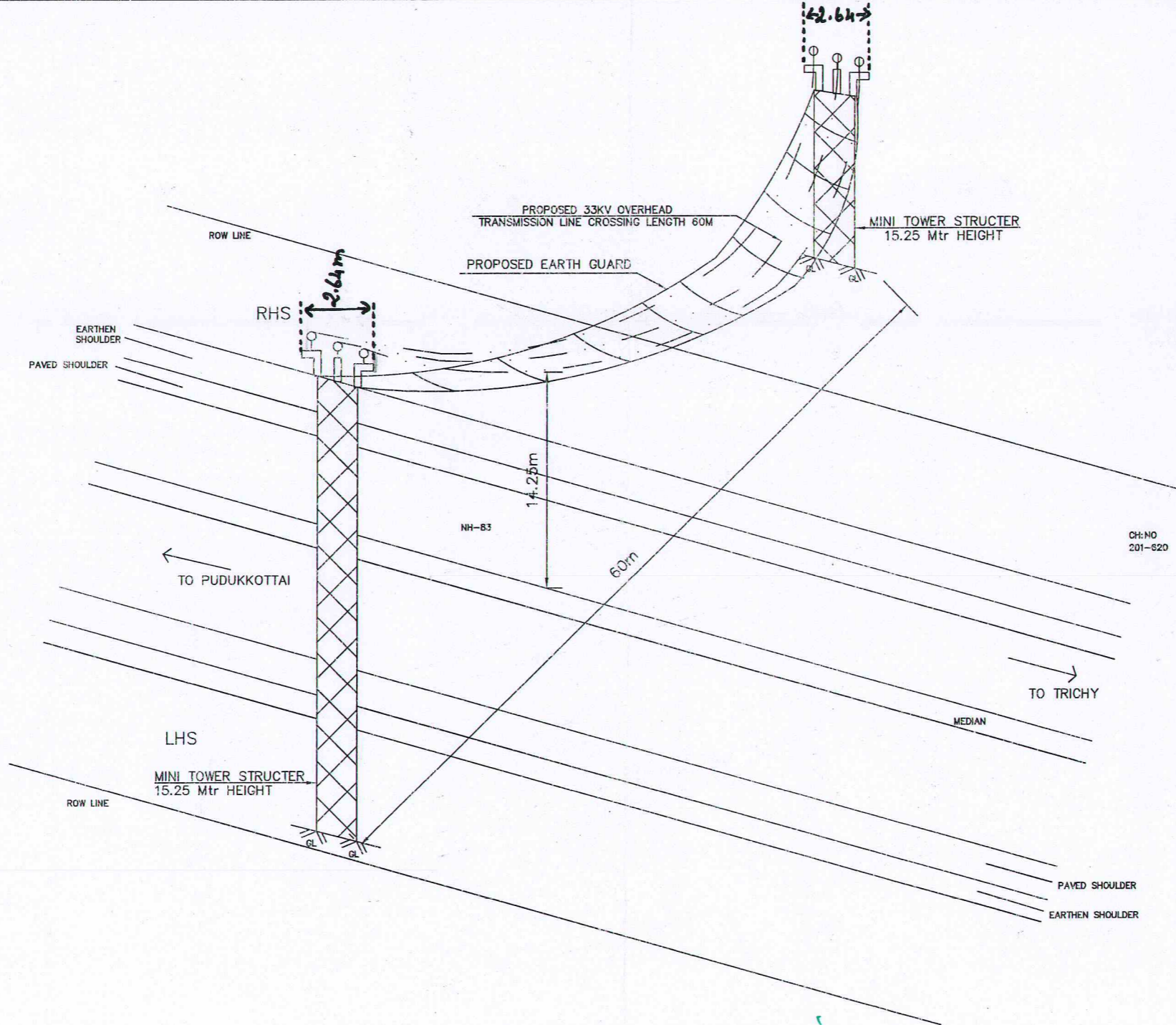
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B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAUKUDI

[Signature]
CITY ENGINEER
Tiruchirappalli City Corporation
21.4.23

NOTES:
- - - 33KV OVER HEAD TRANSMISSION LINE CROSSING FOR 60 METERS

TIRUCHIRAPPALLI SMART CITY LIMITED.,

SKETCH SHOWING THE 33KV OVER HEAD TRANSMISSION LINE CROSSING WITH THROUGH MINI TOWER AT NHAI IN TRICHY BYPASS ROAD (CONNECTING-THUVAKUDI-MATHUR-PANJAPUR (NH 83 AT KM 135/550)



[Signature]
B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAUKUDI

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CITY ENGINEER
Tiruchirappalli City Corporation.
27.4.23

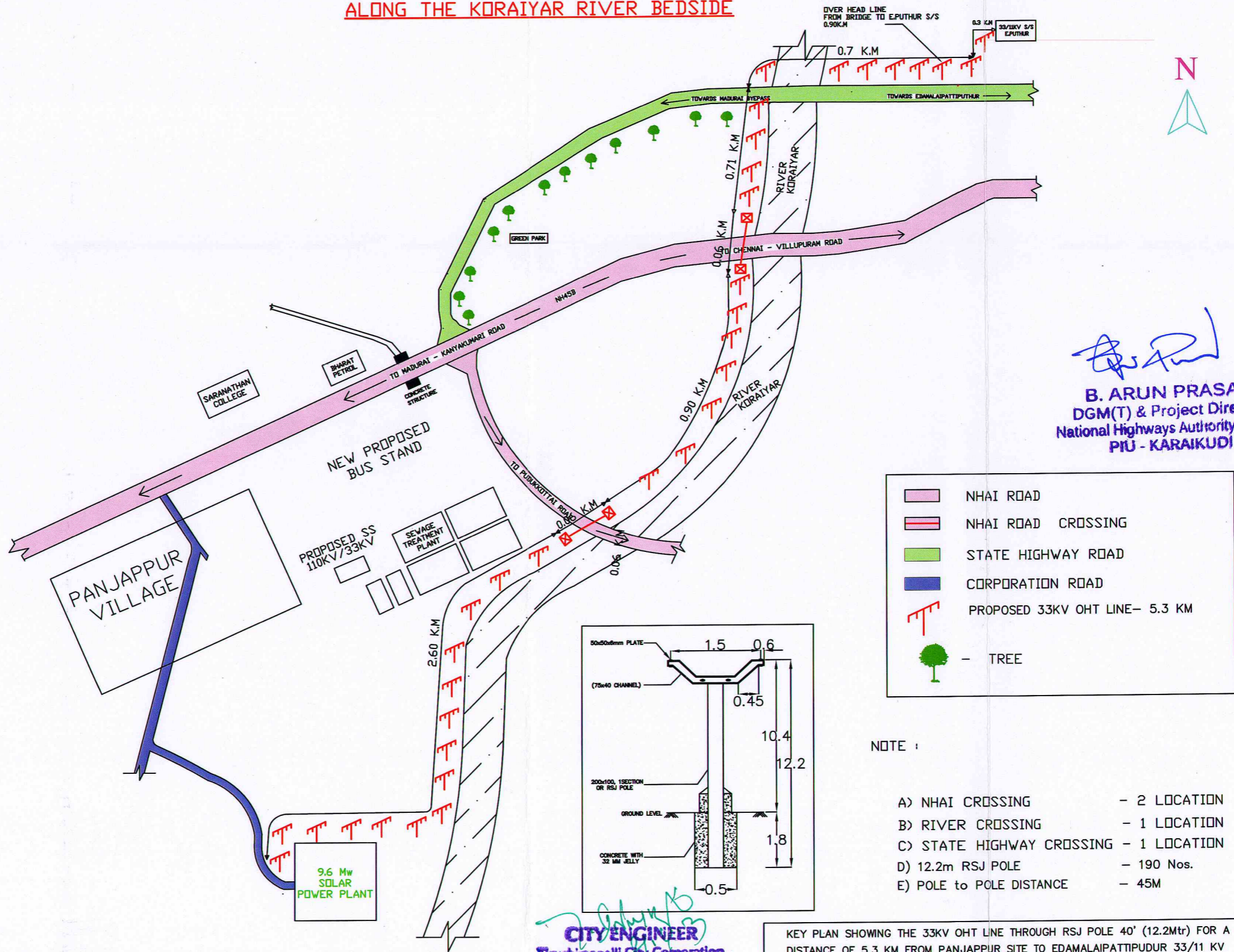
NOTES:
— — — 33KV OVER HEAD TRANSMISSION LINE CROSSING FOR 60 METERS

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



B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAUKUDI

CITY ENGINEER
Tiruchirappalli City Corporation
21-4-23

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.