



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

**National Highways Authority of India**  
(Ministry of Road Transport and Highways, Government of India)

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

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

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



NHAI/15018/4.6/01/2025/RO Madurai/E-272119/179

30<sup>th</sup> January, 2025

## INVITATION OF PUBLIC COMMENTS

**विषय:** भाराराप्रा - क्षे.का. मदुरै- पकाई, त्रिची - Trichy - Karur section of NH 67 (New NH 81) - TWAD Board - Maintenance Division - Permission for laying of water pipeline across the road at Km 160/450 by HDD method- Invitation of Public Comments -Reg.

**प्रसंग:** PD, Trichy Lr. no. NHAI/PD/TRY/UP/TWAD/Utility/2025/76 dated 09.01.2025.

The Proposal is regarding permission in Trichy - Karur section of NH 67 requesting for laying of water pipe line across the road at Km 160/450 by HDD method in the State of Tamil Nadu by Executive Engineer, TWAD Board, Maintenance Division, Trichy has been submitted to this office by the PD, PIU, Trichy Lr. no. NHAI/PD/TRY/UP/TWAD/Utility/2025/76 dated 09.01.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2) The alignment proposed by Executive Engineer, TWAD Board, Maintenance Division, Trichy for laying of water pipe line across the road at Km 160/450 by HDD method is as detailed under:

Stretch in Km	Length (m)	Available ROW (in m)		Distance of erection from C/L (in m)		Remarks
		LHS	RHS	LHS	RHS	
Across NH-81: Km 160/450	30	15	15	-	-	Laying of pipe line across by HDD Method at a minimum depth of 1.85 m from top of the subgrade.

3) The Right of Way is 30 m in the aforesaid stretch. Executive Engineer, TWAD Board, Maintenance Division, Trichy has proposed for laying of water pipe line across the road at Km 160/450 by HDD method in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) Executive Engineer, TWAD Board, Maintenance Division, Trichy has furnished

Page 1 of 2

NHAI/15018/4.6/01/2025/RO Madurai/E-272119/179

30<sup>th</sup> January, 2025

an Undertaking to the effect that the applicant will move the laid gas pipeline in future if required by NHAI at any time for expansion of the NH and the site shall be brought back to the original condition. Further, mentioned that Executive Engineer, TWAD Board, Maintenance Division, Trichy will also undertake not to damage any other utility, if damaged, will pay the losses either to NHAI or to the concerned agency.

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

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

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

भवदीय



(एम चंद्रशेखर | M Chandrasekhar)

उप महा प्रबंधक(तक) | Dy. General Manager (Tech)

क्षे.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

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

List of Correspondences							
Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1167441/2025/PIU -TRICHY	Trichy - Karur section of NH 67 (New NH 81) – TWAD Board – Maintenance Division – Permission for laying of water pipeline across the road at Km.160/450 by HDD method - In principle approval - Requested – Reg.	Receipt		17/01/2025 11:22 AM		1-66	-



**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 : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
 No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, 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/UP/ TWAD/Utility/2025/76

January 09, 2025

To

The Regional Officer,  
 National Highways Authority of India,  
 2nd & 3rd floor, Vijay Krishna Plaza,  
 No.1, Lake Area, Melur Main Road,  
 Mattuthavani, Madurai - 625 107.

Sub: NHAI, PIU, TRICHY - Trichy - Karur section of NH 67 (New NH 81) - TWAD Board - Maintenance Division - Permission for laying of water pipeline across the road at Km.160/450 by HDD method - In principle approval - Requested - Reg.

Ref: 1. Executive Engineer, TWAD Board, Maintenance Division, Trichy, Lr No.2310/F.WSS To SIPCOT/JDO/Maint/Try/2024/Dated.23.10.2024 (Received on 08.11.2024)  
 2. NHAI/PD/TRY/Utility/TWAD/ NH 81/2024/2270 dt.13.11.2024  
 3. Team Leader M/s. Upham Trichy, SAQ/TK/NH-67/NHAI/2024/771 Dt.25.11.2024

Sir,

The Executive Engineer, TWAD Board, Maintenance Division, Trichy, submitted proposal vide reference dt. 23.10.2024 (Received on 08.11.2024) for laying of water pipeline across the road at Km.160/450 by HDD method of Trichy - Karur Section of NH 67.

2. The Team Leader, M/s. Upham Trichy, conducted inspection at site and submitted report in the reference 3<sup>rd</sup> cited above, has recommended the proposal subject to the following observations.

1. Proposed one location crossing at km. 160+450 with 800mm dia MS Pipe from RHS to LHS by HDD Method for a length of 30m.
2. While execution of work existing OFC (BSNL & Defense) and water pipe will not be affected and protected as assured by Executive Officer vide ref: 01 cited above.
3. While execution proper safety arrangements shall be made to ensure safety of road users.
4. If any damages made by execution agency same shall be restored by their own cost.

3. In view of the recommendation of Team Leader, the following observations are made by PIU - Trichy.

- i. The works shall be carried out strictly as per the drawing submitted by applicant.
- ii. All the existing utilities are to be verified by applicant before commencement of the work and ensure that no damage is caused to the existing utilities. Damages if any caused it has to be rectified by the applicant at their risk and cost.
- iii. The applicant has to ensure that avenue plantations, rain water harvesting system and boundary stones, existing paver blocks are not disturbed at the time

\\Pd\d\PIU\_Tri Doc\2024 Documents\Utility shifting\TWAD\T-K\TWAD Board-Executive Engineer at Km.160.450.docx.docx 2

Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi - 110 075. Tel : 011-2507 4100 / 2507 4200 Website : www.nhai.gov.in





of execution work. Damages if any caused it shall be got rectified by the applicant at their risk and cost.

- v. Performance BG towards restoration charges for crossing of NH at Km.160/450 for Rs.1,00,000/- as per Ministry circular dt.22.11.2016 & 17.04.2023 shall be furnished by the applicant and the confirmation of BG shall also be obtained from the respective branch as per NHAI guidelines. In case of improper restoration after laying, BG shall be forfeited.
- vi. The applicant shall pay Rs. 56,371/- towards one time license fee for 5 years through Bharatkosh portal and furnish the receipt.

3. The license fee has been calculated by Team Leader in line with the MoRT&H policy guidelines dt.22.11.2016 & 17.04.2023 and based on the highest prevailing guideline rate of the Sirugamani West village involved as detailed below;

S.no	name of village	Chainage		side	length (in m) (L)	dia of pipe (m) (D)	utilized NH land area (d x l) (sq.m)	prevailing circle rate of land per unit area (sq.m) (rs)	license fee (private utility) (rs)
		From	To						
1	Sirugamani (West)	160/450	-	Crossing	30	0.800	24.00	2155.00	775.80

**License Fee for 1<sup>st</sup> year**

**10000**

Add: 6% per annum for 2 year

600.0

10600

Add: 6% per annum for 3 year

636.0

11236

Add: 6% per annum for 4 year

674.2

11910

Add: 6% per annum for 5 year

714.6

12625

**Minimum License Fee for Public Utility for  
5 years**

**56371**

4. The amount of performance BG has been fixed in line with the MoRT&H policy guidelines dt.22.11.2016 & 17.04.2023:

In view of the above, the proposal submitted by the Executive Engineer, TWAD Board, Maintenance Division, Trichy, submitted proposal vide reference dt. 23.10.2024 (Received on 08.11.2024) for laying of water pipeline across the road at Km.160/450 by HDD method of Trichy - Karur Section of NH 81, may be considered for according in-Principle approval.

Yours faithfully,

Encl: Proposal - (2 Original - 1 Copy)

*A.N. Praveen Kumar*  
 (A.N. Praveen Kumar) 09/01/25  
 DGM (T) & Project Director

Copy to:

- The Team Leader, M/s. Upham, Trichy for information.
- The Project Manager, M/s. TKTRPL, for information
- Executive Engineer, TWAD Board, Maintenance Division, TWAD Integrated office complex, No.35, J.K, Nagar, Trichy - 23. Ph- 9750443356 for information.

\\Pd\d\PIU Tri Doc\2024 Documents\Utility shifting\TWAD\T-K\TWAD Board-Executive Engineer at Km.160.450.docx.docx

**CERTIFICATE**

Certified that, the proposed laying of water supply pipeline for road crossing at km.160/450 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 laying would be extremely difficult and unreasonable costly and the installation of water supply 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 4/6 laning.

(A.N. Praveen Kumar)  
DGM (T) & Project Director  
PIU - Trichy



**CERTIFICATE**

Certified that, necessary entries have been made in the Register of seeking permission for laying of water pipeline across the road at Km.160/450 by trenchless method of Trichy - Karur section of NH 67 in the state of Tamil Nadu in Page no.73 in S. no. 7

(A. N. Praveen Kumar)  
DGM (T) & Project Director  
PIU - Trichy

**LICENSE FEES FOR PUBLIC UTILITY**

Utilized NH Land area X Prevailing Circle 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)	DIA OF THE PIPE (D) (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						
1	Sirugamani East	160.450	-	Across	30	0.80	24.00	2155.00	775.80
<b>TOTAL</b>					<b>30.00</b>		<b>24.00</b>		<b>775.80</b>

<b>Minimum License Fee</b>	<b>10000</b>
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Add: 6% per annum for 2 year	600.0	10600
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Add: 6% per annum for 3 year	636.0	11236
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Add: 6% per annum for 4 year	674.2	11910
------------------------------	-------	-------

Add: 6% per annum for 5 year	714.6	12625
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Minimum License Fee for Public Utility for 5 years

56371 /-

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பதிவுத்துறை  
REGISTRATION DEPARTMENT

சுற்றுலா துறைமுகம்  
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  
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## GUIDELINE VALUE & PROPERTY VALUATION

Guideline Value relating to 2.19 lakhs streets and over 4.46 Crores Survey  
Numbers/Subdivision numbers are available on this site for query.

For Property Valuation, Click on the Street Name from the Street List, where the property  
is located.

From: 1-7-2024 To: Current Date

### Search Criteria :

Zone:	Trichy	Sub Registrar	Nangavaram
Guideline	Sirugamani East	Office:	
Village:		Revenue	SIRUGAMANI
Revenue	THIRUCHIRAPPALLI	Village:	EAST
District:		Revenue	SRIRANGAM
		Taluka:	

Below Search results are as on 27-Dec-2024 10:57 AM

A B C D E F G H I J K L M N O P Q R S T U V  
W X Y Z 1 2 3 4 5 6 7 8 9 0

15 items found, displaying 1 to 10.

[First/Prev] 1, 2 [Next/Last]

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u>AGRAHARAM - SIRUGAMANI</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	
2	<u>AKILANDESWARI NAGAR</u>	200/ Square	7 2155/ Square	Residential Class III Type	01-Jul- 2024	

Sr.No.	Street Name	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
		Feet	Metre	- I		
3	<u>BALAVINAYAKAR STREET</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	-
4	<u>BARBAR STREET</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	-
5	<u>KAVALKARAPALAYAM MIDDLE STREET</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	-
6	<u>MAIN ROAD KAVALKARANPALAYAM</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	-
7	<u>MALAYAPPA NAGAR</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	-
8	<u>NEW STREET</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	-
9	<u>PANAIMANTHAI STREET</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	-
10	<u>RAJATHIKOIL STREET</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul- 2024	-

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Duty and Fees

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**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 : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
 No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, 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/TWAD/ NH 81/2024/2270

November 13, 2024

To

The Team Leader,  
 Ms. Upham International Corporation, (NH67)  
 Quest Engineers & Consultants Pvt. Ltd.,  
 NH-67 (Trichy - Karur Road),  
 Door No.1, Periyar Nagar,  
 Thiruvanaikovil, Trichy - 620 005.

Sub: NHAI, PIU, TRICHY - Trichy - Karur section of NH 67 (New NH 81) - TWAD Board - Maintenance Division - Permission for laying of water pipeline across the road at Km.160/450 by HDD method - Report sought for - Reg.

Ref: 1. Executive Engineer, TWAD Board, Maintenance Division, Trichy, Lr No.2310/F.WSS  
 To SIPCOT/JDO/Maint/Try/2024/Dated.23.10.2024. (Received on 08.11.2024)  
 2. NHAI Hqrs., policy circular no. 14.24/2023 dt.13.07.2023

Sir,

Please find enclosed herewith a copy of the proposal from Executive Engineer, TWAD Board, Maintenance Division Permission for laying of water pipeline across the road at Km.160/450 by HDD method in the Trichy - Karur section of NH 67 (New NH 81) for inspection of site as per MoRTH guidelines dt.22.11.2016 and submission of recommendations.

2. If the proposal is found to be in order, then submit the checklist and drawings duly signed and sealed along with the calculation sheet for the amount to be collected from the agency as license fee.

3. Further as per NHAI circular vide cited ref.2<sup>nd</sup> above, you are hereby instructed strictly to adhere with the time limits and other conditions as stipulated in the circular.

Yours faithfully,

Encl: Proposal-1No.

*A.N. Praveen Kumar*  
 (A.N. Praveen Kumar)  
 DGM (T) & Project Director

Copy to:

- The Project Manager, M/s. TKTRPL, Manavasi, for information and necessary action and report.
- Executive Engineer, TWAD Board, Maintenance Division, TWAD Integrated office complex, No.35, J.K, Nagar, Trichy - 23. Ph- 9750443356.



**UPHAM INTERNATIONAL CORPORATION JV WITH SA INFRASTRUCTURE CONSULTS PVT. LTD.**  
**In Association With QUEST ENGINEERS & CONSULTANTS PVT. LTD.**



# NH-67, Trichy - Karur, Door No:1, Periyar Nagar, Tiruvanaikoil, Trichy - 620 005. Ph: 0431 4973678 E-mail : uphamquestnh67tk@gmail.com

**Ref:SAQ/TK/NH-67/NHAI/2024/771**

**Date:25.11.2024**

**To**

**The Deputy General Manager (Tech) &Project Director,**  
 National Highways Authority of India,  
 Project Implementation Unit,  
 Door No.39, 3rd Cross Street,  
 Kalyana Sundaram Nagar,  
 Karumandapam, Trichy- 620 001

**Dear Sir,**

**Subject:** Independent Engineer (IE) Service for Operation & Maintenance period of 2/4 laning of Trichy to Karur Section of NH-67 from Km.135/800 to Km.218/028 (including Lalapet ROB 2.28 Km) under NHDP Phase-III on BOT(Toll basis in the State of Tamil Nadu –**TWAD Board – Maintenance Division – Permission for laying of water Pipeline across the road at km.160+450 by HDD Method – Report Sought for - Submission - Reg**

**Ref:1.NHAI/PD/TR/Utility/TWAD/NH 81/2024/2270 dt:13.11.2024**

**2.EE TWAD board, Maintenance Division, Trichy Lr,No.2310/F.WSS To SIPCOT/JDO/Maint/Tr/2024/ dt:23.10.2024**

With reference to the letter cited above regarding permission for laying of water Pipeline across the road at km.160+450 by HDD Method. In this regard the site has been inspected and verified the proposal and our observations are as follow:

1. Proposed one location crossing at km.160+450 - 800mm dia MS Pipe from RHS to LHS by HDD method for a length of 30m.
2. While execution of work existing OFC (BSNL & Defense) and water pipe will not affect to be protected as assured by Executive Officer vide ref:02 cited above.
3. While execution proper safety arrangements shall be made without affecting safety of road users.
4. If any damages made by execution agency same shall be restored by their own cost.



**UPHAM INTERNATIONAL CORPORATION Jv with SA INFRASTRUCTURE CONSULTANTS PVT.LTD.**  
**In Association With QUEST ENGINEERS AND CONSULTANTS PVT.LTD**

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In view of the above proposal may be considered based on NHAI Guidelines.

This is for your kind information.

Thanking you,

Yours faithfully,



**(V.Manimaran)**  
**Team Leader cum Senior Highway Engineer**

Copy to: The Project Manager, TKTRPL, Manavasi



**PROCEEDINGS OF THE ASSISTANT DIRECTOR OF**  
**KARUR DISTRICT TOWN AND COUNTRY PLANNING OFFICE**  
**PRESENT: Thiru.P.Velmurugan B.E,**  
**Online Building Plan Application – Planning Permission**



**Application Number : SWP/BPA/345384/2024**

**Dated:20.11.2024.**

: NHRB - Proposed Commercial Building - Petrol Filling Station - Assistant Director of Town and Country Planning – Karur District – Karur Local Planning Area - Karur Taluk – Karur City Municipal Corporation – Achimangalam Village – S.F.No: 254/1Bpart - Extent : 2442.21 Sq.mt of FSI Area 363.45 Sq.mt - Technical Clearance issued - forwarded for further action – Reg.

- Reference :**
1. Applicant Mr.VENKATESH V, Karur, Online Application No. SWP/BPA/345384/2024, Dated: 09.09.2024.
  2. G.O.86, Housing and Urban Development Department, dated 28.03.2012.
  3. G.O.85, Housing and Urban Development Department, dated 16.05.2017.
  4. G.O.18, Department of Municipal Administration and Water Supply dated 04.02.2019 and G.O.16, Department of Municipal Administration and Water Supply dated 31.01.2020
  5. G.O.138, Housing and Urban Development Department, dated 04.06.2004
  6. Circular from the Commissioner of Town and Country Planning, Roc no.4367/2019/PA2 dated 05.02.2020.
  7. District Officer, Karur, Fire and Rescue Services letter.  
ஆணை எண்.250(3).மு.மு.எண்.6769/இ1/2024,Dated : 08.10.2024.
  8. Demand payment Request letter dated : 15.11.2024.
  9. Applicant Mr.VENKATESH V, Karur, Demand Remittance letter dated : 19.11.2024.
  10. Director Of Town and Country Planning, Chennai, Circular Roc no.7963/2022/K1, Dated: 23.04.2022,11.04.2023
  11. G.O.01, Housing and Urban Development Department, Dated : 05.01.2021
  12. Circular from the Director of Town and Country Planning, Chennai Roc no.9611/2023/TCP5, Dated: 25.04.2023.
  13. Additional District Magistrate/District Revenue Officer, Karur District, Rc No : D2/16120/2021, Dated : 05.01.2024.
  14. G.O (2pa) No : 114, Housing and urban development (UD-4(CLU-1) department, dated: 19.06.2024.

\*\*\*\*\*

**Order:**

Online application seeking Technical Clearance for Proposed Commercial Building - Petrol Filling Station - in S.F.No: 254/1Bpart of Extent :2442.21 Sqm - at Achimangalam Village, Karur City Municipal Corporation - Karur Taluk, Karur District, was received through online portal of this department vide reference first cited above and processed duly following the parameters and procedure laid down in the Tamil Nadu Combined Development Building Rules, 2019 and the building parameters were observed/assessed as detailed below

**PROPOSED BUILTUP AREA**

SL No.	FLOOR NAME	FSI Area (Sq.m)	NON FSI Area (sq.m)	Total area (sq.m)
1	Block-1 Sales Counter Room	51.45	---	51.45
2	Block-2 Canopy	312.00	---	312.00
	TOTAL AREA	363.45	---	363.45

Site area(As per patta) : 2442.21 sqm  
 Total Built up Area : 363.45 sq.m  
 FSI Area : 363.45 sqm  
 FSI(Floor Space Index) :  $363.45 / 2442.21 = 0.15$   
 $0.15 < 2.0$   
 PC (Plot Coverage) :  $363.45 / 2442.21 \times 100$   
 : 15.00%

Technical Clearance for the Proposed Commercial Building - Petrol Filling Station - in S.F.No: 254/1Bpart of Extent :2442.21 Sqm - at Achimangalam Village, Karur Municipal Corporation - Karur Taluk, Karur District earmarking the site as **“A to E”** and assigning the site approval number as **“LP/DTCP(K.D) No. 166/2024”** and building approval number as **“BP/DTCP(K.D) No.26/2024”** with the following conditions and special condition.

**Special Conditions:**

1. It is responsibility of the builders to ensure safe bearing capacity of the soil and adequacy of the foundation.
2. Planning Permission is issued in accordance with the provisions of the Town and Country Planning Act and the rules made there under and do not cover the structural stability aspects including the safety during the construction which are covered under the Building Rules under the Local Bodies Act. Planning Permission is issued subject to the condition.
3. The conditions stipulated in the NOC,s obtained from the State and Central Government shall be strictly adhered
4. Planning Permission/Technical clearance/Concurrence is issued in accordance with the provisions of the Tamil Nadu Town and Country Planning, Act 1971 and its subsequent amendments and the rules made there under and does not cover the structural stability aspects including the safety during the constructions which are covered under the building rules under the Local bodies Act. It shall be the responsibility of the applicant/Developer/Registered professionals to ensure the adequacy of the structures and safety measures during the process of construction.
5. The applicant should obtain necessary consent from the Tamil Nadu Pollution Control Board under section 25 of the Water act 1974 for the sewage discharge.
6. This office has not legally certified the title to the ownership by granting Planning Permission/Technical clearance/Concurrence. Only the entitlement to develop the land by the applicant alone is verified through the documents uploaded in the web portal. Any person wishing to purchase the property must individually ascertain the ownership of the property of the developer /seller. If any dispute arises towards the ownership, the same shall be settled through the appropriate forum. this office is not the appropriate authority to decide on this

**Conditions:**

1. Solar Water Heating system and solar photo voltaic panels shall be installed as earmarked in the plan and as prescribed in GO. Ms. No.17 Housing and Urban Development Department dated 05-02-2016.
2. Vehicle Parking stalls shall be properly earmarked in the site and be utilised for the purpose for which earmarked in the plan.
3. The open spaces shall be retained as earmarked in the plan.
4. No changes in the building for which concurrence conveyed shall be made without the permission of this department. .
5. He rain water harvesting system shown in the plan shall be properly installed/constructed and implemented as stipulated in GO Ms. No. 18 and 16 of Municipal Administration and Water Supply Department dated 04-02- 2019 &31-01-2020 respectively.



6. The waste water and effluents derived from the industry should be properly disposed duly following the guidelines issued by the Tamil Nadu Pollution Control Board/ Central Pollution Control Board as the case may be.
7. Mosquito's nets for the Wells and Over head tanks shall be installed.
8. Fire fighting equipment shall be installed in the appropriated places as prescribed by the Fire and Rescue Services Department.
9. The Prescribed taps shall be installed in the septic tanks as prescribed in the GO Ms. No. 341 of Municipal Administration and Water Supply Department dated 03-11-2004.
10. It is highly encouraged to use Fly ash bricks for the constructions as prescribed by the Environment and Forest Departments.
11. Copy of approved drawings and plans shall be displayed in the site during constructions by installing the display board of size 1200mmx600mm.

The applicant remitted the required fees given below for the Proposed Commercial Building - Petrol Filling Station.

#### **Fees Paid Detail**

The Fees / Charges collected from the applicant are as follows:

- i) Scrutiny fees Rs. 4391.00/-Dated: 09.09.2024
- ii) OSR fees Rs. 1746173.00/- Dated : 15.11.2024
- iii) Centage charges for land – Rs. 2000.00 /- Dated: 19.11.2024.
- iv) Centage charges for building – Rs. 1000.00 /- Dated: 19.11.2024
- v) Display Board Charges - Rs. 1500.00/- Dated: 19.11.2024..
- vi) Security Deposit Charges - Rs. 35000.00/- Dated: 19.11.2024.
- vii) CCC & CC Charges - Rs. 4000.00/- Dated: 19.11.2024.
- viii) Development Charge, for land Rs. 13000.00/- Dated: 19.11.2024.
- ix) Development Charge, for Building Rs. 4000.00/- Dated: 19.11.2024.
- x) Infrastructure and Basic Amenities Charges Rs . 68432.00/- Dated:19.11.2024.

Assistant Director,  
District town and country planning office,  
Karur District.

To:

The Commissioner,  
Karur City Municipal Corporation, Karur – 639001.

Copy to:

Mr.VENKATESH V,  
S/o. Vellaisamy, No.33/1,  
A.Arugampalayam,  
Thanthonimalai, Karur - 639005.

Signature valid

Signed by: Assistant Director  
Location: Karur  
Date: 2024.11.20 19:09:58



**PROCEEDINGS OF THE ASSISTANT DIRECTOR OF  
KARUR DISTRICT TOWN AND COUNTRY PLANNING OFFICE**

**PRESENT: Thiru.P.Velmurugan B.E,**

**Online Building Plan Application – Planning Permission**



**Application Number : SWP/BPA/345384/2024**

**Dated:20.11.2024.**

: NHRB - Proposed Commercial Building - Petrol Filling Station - Assistant Director of Town and Country Planning – Karur District – Karur Local Planning Area - Karur Taluk – Karur City Municipal Corporation – Achimangalam Village – S.F.No: 254/1Bpart - Extent : 2442.21 Sq.mt of FSI Area 363.45 Sq.mt - Technical Clearance issued - forwarded for further action – Reg.

- Reference :**
1. Applicant Mr.VENKATESH V, Karur, Online Application No. SWP/BPA/345384/2024, Dated: 09.09.2024.
  2. G.O.86, Housing and Urban Development Department, dated 28.03.2012.
  3. G.O.85, Housing and Urban Development Department, dated 16.05.2017.
  4. G.O.18, Department of Municipal Administration and Water Supply dated 04.02.2019 and G.O.16, Department of Municipal Administration and Water Supply dated 31.01.2020
  5. G.O.138, Housing and Urban Development Department, dated 04.06.2004
  6. Circular from the Commissioner of Town and Country Planning, Roc no.4367/2019/PA2 dated 05.02.2020.
  7. District Officer, Karur, Fire and Rescue Services letter.  
ஆணை எண்.250(3).மு.மு.எண்.6769/இ1/2024,Dated : 08.10.2024.
  8. Demand payment Request letter dated : 15.11.2024.
  9. Applicant Mr.VENKATESH V, Karur, Demand Remittance letter dated : 19.11.2024.
  10. Director Of Town and Country Planning, Chennai, Circular Roc no.7963/2022/K1, Dated: 23.04.2022,11.04.2023
  11. G.O.01, Housing and Urban Development Department, Dated : 05.01.2021
  12. Circular from the Director of Town and Country Planning, Chennai Roc no.9611/2023/TCP5, Dated: 25.04.2023.
  13. Additional District Magistrate/District Revenue Officer, Karur District, Rc No : D2/16120/2021, Dated : 05.01.2024.
  14. G.O (2pa) No : 114, Housing and urban development (UD-4(CLU-1) department, dated: 19.06.2024.

\*\*\*\*\*

**Order:**

Online application seeking Technical Clearance for Proposed Commercial Building - Petrol Filling Station - in S.F.No: 254/1Bpart of Extent :2442.21 Sqm - at Achimangalam Village, Karur City Municipal Corporation - Karur Taluk, Karur District, was received through online portal of this department vide reference first cited above and processed duly following the parameters and procedure laid down in the Tamil Nadu Combined Development Building Rules, 2019 and the building parameters were observed/assessed as detailed below

**PROPOSED BUILTUP AREA**

SL No.	FLOOR NAME	FSI Area (Sq.m)	NON FSI Area (sq.m)	Total area (sq.m)
1	Block-1 Sales Counter Room	51.45	---	51.45
2	Block-2 Canopy	312.00	---	312.00
	TOTAL AREA	363.45	---	363.45

Site area(As per patta) : 2442.21 sqm  
 Total Built up Area : 363.45 sq.m  
 FSI Area : 363.45 sqm  
 FSI(Floor Space Index) :  $363.45 / 2442.21 = 0.15$   
 $0.15 < 2.0$   
 PC (Plot Coverage) :  $363.45 / 2442.21 \times 100$   
 : 15.00%

Technical Clearance for the Proposed Commercial Building - Petrol Filling Station - in S.F.No: 254/1Bpart of Extent :2442.21 Sqm - at Achimangalam Village, Karur Municipal Corporation - Karur Taluk, Karur District earmarking the site as **“A to E”** and assigning the site approval number as **“LP/DTCP(K.D) No. 166/2024”** and building approval number as **“BP/DTCP(K.D) No.26/2024”** with the following conditions and special condition.

**Special Conditions:**

1. It is responsibility of the builders to ensure safe bearing capacity of the soil and adequacy of the foundation.
2. Planning Permission is issued in accordance with the provisions of the Town and Country Planning Act and the rules made there under and do not cover the structural stability aspects including the safety during the construction which are covered under the Building Rules under the Local Bodies Act. Planning Permission is issued subject to the condition.
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**Conditions:**

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4. No changes in the building for which concurrence conveyed shall be made without the permission of this department. .
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10. It is highly encouraged to use Fly ash bricks for the constructions as prescribed by the Environment and Forest Departments.
11. Copy of approved drawings and plans shall be displayed in the site during constructions by installing the display board of size 1200mmx600mm.

The applicant remitted the required fees given below for the Proposed Commercial Building - Petrol Filling Station.

#### **Fees Paid Detail**

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- iii) Centage charges for land – Rs. 2000.00 /- Dated: 19.11.2024.
- iv) Centage charges for building – Rs. 1000.00 /- Dated: 19.11.2024
- v) Display Board Charges - Rs. 1500.00/- Dated: 19.11.2024..
- vi) Security Deposit Charges - Rs. 35000.00/- Dated: 19.11.2024.
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Assistant Director,  
District town and country planning office,  
Karur District.

To:

The Commissioner,  
Karur City Municipal Corporation, Karur – 639001.

Copy to:

Mr.VENKATESH V,  
S/o. Vellaisamy, No.33/1,  
A.Arugampalayam,  
Thanthonimalai, Karur - 639005.

Signature valid

Signed by: Assistant Director  
Location: Karur  
Date: 2024.11.20 19:09:58



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DOI: 10.1002/for

2000

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HPC'S SALES RETAIL REGIONAL OFFICE,  
24 TOWERS 4TH FLOOR NEW FAIRLANDS,  
SALZM  
Salzm,  
Tshuk, Salzm,  
Dusane, SALZM,  
State, Tamil Nadu  
Pinc. 500014

**Printed at:** Survey No. 2547B, KARATTUPALAYAM AND EMOOR (JHS), ACHMANGALAM, Taluk: Kaveri, District: KARNUL, State: Tamil Nadu, PIN: 635002 OFFICE OF A.B. RAO  
(JHS-1)  
Postmaster Class A, B Retail Outlet at Survey No. 2547B, KARATTUPALAYAM AND EMOOR (JHS), ACHMANGALAM, Taluk: Kaveri, District: KARNUL, State: Tamil Nadu.  
PIN: 635002

2005

સાથે સંલગ્ન રહેવાનું કોન્ટેક્ટ નંબર 079-23402024 નું અપડેટ કરી

Please refer to your order No. 22019032228 dated 22-01-2023

विषयसंबंधी देखीत रूप में निम्नलिखित देखीतियाँ दर्ज की गई हैं। प्रत्येक देखीत के अंतर्गत के लिए देखीतियत दिनांक 2002 के अंतिम अंक - XIV में लिखित रूप में एक 31/12/2002 तक की अंतिमि देखीत।

Use case No. P-SC/TN/14/10573 (PST/1993) dated 28/02/2014 printed in Form X7V under the Patrimonium Rules, 2002 and valid till 21/12/2020 for the storage of the following text and questions of the volume at the subject control sums is forwarded herewith.

பெட்ரோலியம் கلاس விவரம் Description of Petroleum	கி.மீ.மீ.மீ.மீ. மீ. மூலம் மூலம் Quantity Sources in KL
பிரைம் கிரேட் பெட்ரோலியம் Petroleum Class A in bulk	52.00 KL
Petroleum Class A, otherewise than in bulk	NIL
பிரைம் கிரேட் பெட்ரோலியம் Petroleum Class B in bulk	25.55 KL
Petroleum Class B, otherewise than in bulk	NIL
Petroleum Class C in bulk	NIL
Petroleum Class C, otherewise than in bulk	NIL
<b>மொத்த எண்ணெய் /Total Capacity</b>	<b>77.55 KL</b>

आवक प्रमाणित किया 2022 के अन्तिम वार्षिक रिपोर्ट 145 में दी गई प्रक्रिया को लागू में प्रस्ताव को तब अनुमति के निर्माण के अनुसार प्रारंभ को अनुमति की बात प्रमाणित की जाये। (अनुमति के लिए प्रमाणित की जाये।)  
Other Controller of Expenditure, South Circle Office, Chennai, as per to reach his office on or before the 145 of the Financial Rules, 2022 and submit complete documents for the Renewal of the license to J. Chief Controller of Expenditure, South Circle Office, Chennai, as per to reach his office on or before the date on which license expires.

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**Abstract** *Staphylococcus aureus* is a leading cause of nosocomial infection. The purpose of this study was to determine the prevalence of *S. aureus* in the hospital environment and to determine the effect of disinfectant use on the prevalence of *S. aureus* in the hospital environment. A total of 100 samples of *S. aureus* were collected from the hospital environment. The prevalence of *S. aureus* was determined by culture on methicillin-resistant *S. aureus* (MRSA) agar. The effect of disinfectant use on the prevalence of *S. aureus* was determined by culture on MRSA agar. The prevalence of *S. aureus* was 100% in the hospital environment. The effect of disinfectant use on the prevalence of *S. aureus* was 100%.

(Dr. H. K. Mathur)  
Joint Chief Controller of Examinations  
J.C.C.E.

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A. Chatzigeorgidis et al. / *Explosion and Shock* (2015) 15, 1–12  
 10

जलविद्युत ऊर्जा के अभाव में भारत, ताकत को अन्य विद्युत के माध्यम से ही अपनी जरूरतें पूरने के लिए मजबूर है।

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Note:-This is system generated document does not require physical signature



Rc.No 02/18/20/2021

Collector's Office, Karur  
Date:05.01.2024**NO OBJECTION CERTIFICATE**

(See rule 144)

With reference to the application dated 01.09.2021 submitted by, M/s. Hindustan Petroleum Corporation Limited, Chief Regional Manager and in pursuance of rule 144 of the Petroleum Rules, 2002, there is no objection for granting license under the Petroleum Rules, 2002 to M/s. Hindustan Petroleum Corporation Limited, Chief Regional Manager, salem for storage of petroleum products Class-A 32 KL and Class-B 35 KL in Survey No.254/1B of Achimangalam Village, Karur Taluk, Karur District, Tamil Nadu State as shown in the site plan duly endorsed and enclosed herewith.

The following particulars have been considered while issuing this no objection certificate, that

- Possession of the site by the applicant is lawful and authorization from land owner or lease holder for developing premises under these rules for storage of petroleum products;
- interest of public, specially the facilities like schools, hospitals or proximity to places of public assembly and the mitigating measures, if any, is provided;
- traffic density and impact on traffic;
- conformity of proposal to the local area development planning;
- accessibility of the site to fire tenders in case of emergency and preparedness of fire services for combating the emergencies; (Verified through Fire and Rescue Services)
- genuineness of purpose. (Verified through Police Report)

The conditions stipulated by the Fire - Rescue Services Department, Karur and General Conditions should be followed before commencing operation.



*[Signature]*  
ADDITIONAL DISTRICT MAGISTRATE AND  
DISTRICT REVENUE OFFICER,  
KARUR.

To  
Chief Regional Manager,  
Hindustan Petroleum Corporation Limited,  
Level 4, "GK" Towers, Door No. 105/1,  
First Main Road, New Fairlands,  
Salem- 636 016.

**Copy to:**

- The Joint Chief Controller of Explosives, A&D Wing, Block 1-B, 2<sup>nd</sup> Floor, Shastribhavan, 26, Haddous road, Nungambakkam, Chennai-600 006
- Superintendent of Police, Karur.
- Revenue Divisional Officer, Karur.
- District Officer, Fire & Rescue Services, Karur.
- Divisional Engineer, Highways Department, C&M, Karur.
- Tahsildar, Karur.

### Conditions

#### Fire - Rescue Service Departments Terms and Conditions

1. After Completion of the Works, Fire License must be obtained.
2. Four numbers of 9 Ltrs Foam extinguishers shall be provided.
3. All electrical equipments shall be complied IS 2148:1958 and all electrical fixed lights and lamps shall be complied IS 2206:1962.
4. Exclusive Fire tank with water storage at the premises shall be needed for Firefighting purpose for at least Two hour.
5. Compound wall should be provided with 1.8m height around the storage.
6. Smoking, naked lamps & lights and source of fire shall be prohibited.

#### General Conditions:

1. To be provide a separate entrance for the Tamilnadu Civil Supplies Corporation warehouse before starting the sales.
2. To construct compound wall as per the norms between the Tamilnadu Civil Supplies Corporation warehouse and proposed Hindustan Petroleum Corporation Limited Retail Outlet before starting the sales.

## DEPARTMENT OF TOWN AND COUNTRY PLANNING

## Payment Receipt

Date : 09/09/2024

Applicant Name : VENKATESH V  
 Application No : SWP/BPA/345384/2024  
 Fees Type : Scrutiny Fees  
 Receipt Number : 20240909345384  
 Transaction ID : 0326486602529

## Purpose

S.No	Description	Amount
1	Scrutiny Fees	4381

Amount In Words : Rupees Four Thousand Three Hundred Ninety One Only

With Regards,  
 ETTCM

From,

**Er.T.PANNER SELVAM B.E,**  
**EXECUTIVE ENGINEER,**  
**Maintenance Division ,**  
**TWAD Integrated office complex,**  
**1<sup>ST</sup> Floor**  
**No.35, J.K. Nagar,**  
**Trichy - 23**  
**Email :- eemaintry@gmail.com**

To

**The Project Director**

NHAI - PIU - TRICHY	
F 8 NOV 2024	
Dy.No:	3693
M(T)	
LAO	
SE-1	
SE-2	
SE-3	
ACCOUNT	
YHE	
CO	

To,

**The Project Director,**  
**NHAI -PIU,**  
**Trichy.**

**Lr no.2310/F.WSS To SIPCOT/ JDO/Manit /Try/2024/Dated:23.10.2024**

Sir,

**Sub: TWAD Board – Water Supply Scheme to SIPCOT Industrial Complex at Manapparai in Trichy District - laying of Water Pipeline in NH-81(Trichy–Karur Section) Across the road @ Km.160/450 by HDD method – proposal submitted – approval requested–reg.**

\*\*\*\*\*

I submit here with the proposal for installation of Water Pipe Line to Pertaining the Water Supply Scheme to SIPCOT Industrial Complex at Manapparai in Trichy District in NH-81(Trichy–Karur Section) Across the road @ Km.160/450 by HDD method.

In this connection it is proposed to install the Water Pipe across the road, detailed drawing, checklist, Agreement & Undertaking are enclosed herewith.

I request that necessary permission may please be issued, so as to install the Water Pipe line across the road NH – 81 and the restoration charges may be intimated to the above Mentioned address for making payment.

*Adh TC/THIRU  
for report*



**EXECUTIVE ENGINEER,**  
**TWAD Board , Maintenance Division, Trichy.**

# **WATERPIPELINE** **ROUTEDIAGRAM**

## **SECTION**

**TWAD Board - Water Supply Scheme to SIPCOT  
Industrial Complex at Manapparai in Trichy  
District for laying of Water Pipeline in NH-  
81(Trichy-Karur Section) Across the road @  
Km.160/450 by HDD method**

**Across – Total length - 30 meters**

## **APPLICANT:**

**EXECUTIVEENGINEER,  
TWAD Board, MAINTENANCE Division,  
Trichy - 23**

**The Project Director**

**National Highway Authority Of India Trichy.**



**CHECK-LIST**

**Guidelines for Project Directors for processing the proposal for Water Pipe Line for Water Supply Scheme to SIPCOT Industrial Complex at Manapparai in Trichy District across National Highways vested with NHAI.**

- **Relevant circulars**

- 1) Ministry Circular No. RW/NH-33044/29/2015-S&R(R) dated 22.11.2016

**Checklist for getting approval for laying of Water Pipe Line on NH land**

S.N o.	Item	Information/Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	EXECUTIVE ENGINEER, TWAD Board, MAINTENANCE Division, Trichy - 23	
1.2	National Highway Number	NH -81	
1.3	State	Tamil Nadu	
1.4	Location	Trichy-Karur Section	
1.5	(Chainage in km)	Across the Road @ Km. 160/450	
1.6	Length in Meters	30 meters	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	15.00 meters	
	(b) Right side from center line towards increasing chainage/km direction	15.00 meters	
1.8	Proposal to lay underground Water pipe line.		
	(a) Left side from center line towards increasing chainage /km direction		
	(b) Right side from center line towards increasing chainage/km direction	15.00 meters	
1.9	Proposal to acquire land	NA	
	(a) Left side from center line		
	(b) Right side from center line		

  
EXECUTIVE ENGINEER  
TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY.



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



1.10	Whether proposal is in the same side where land is not to be acquired	The water pipe shall be laid at the extreme end of ROW	
	If not then where to lay the Pipe		
1.11	Detail of already laid services, if any, along the proposed route	Nil	
1.12	Number of lanes (2/4/6/8 lanes) existing	2 lane with Paved Shoulder	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	2 lane with Paved Shoulder	
1.14	Service road existing or not	No	
	If yes then which side		
	(a) Left side from center line	Shown in the diagram	
	(b) Right side from center line	-	
1.15	Proposed Service road	-	
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.16	Whether proposal to lay Water Pipe line is after the service road or between the service road and main carriageway	Extreme Edge of ROW	
1.17	<p>The permission for laying of Water Pipelines shall be considered for approval/rejection based on the Ministry Circulars mentioned as above.</p> <p>(a) Carrying of sewage/gas pipelines on highway bridges shall not be permitted as Fumes/gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.</p> <p>(b) Carrying of water pipe lines on bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs, etc</p> <p>(c) Cost of required extension of the substructure as well as that of the Supporting superstructure shall be borne by the agency-in-charge of the utilities. of the Ministry's Project Chief Engineers only.</p>	<p>Considered for approval based on the Ministries circular</p> <p>Yes</p>	

  
**EXECUTIVE ENGINEER**  
 TWAD BOARD  
 MAINTENANCE DIVISION  
 TRICHY.



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

	(d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, Safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineer only.		
1.18	<b>If crossing of the road involved</b> If Yes, it shall be either encased in pipes or through structure or conduit specially built for that purpose at the expenses of the agency owning the line	Yes	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Yes	
	(b) Is it on a line normal to NH	Yes	
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures	Yes	
	(d) The casing pipe (or conduit pipe in the case of pipe line) carrying the utility lines 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.	Yes	
	(e) Ends of the casing/conduit pipes shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipes should, as minimum extend from drain to drain in cuts and toe of slope to toe of slope in the fills.	Yes	
	(g) The top of the casing/conduit pipes 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.	Yes	
	(h) Crossings shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Yes	
	(i) The casing/conduit pipes 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.	Yes	

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TRICHY



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



2	Document/Drawings enclosed with the Proposal	Yes	
2.1	Cross sections showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide)	Yes	
	(i) Should not be greater than 60 Cm 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 meter from the centre-lines of the nearest carriageway	Yes	
	(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	Yes	
	(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.		
2.2	Cross sections showing the size of pit and location of pipe for HDD method	Yes	
2.3	Strip plan/ Route Plan showing Water Supply pipe line, Chainage, width of ROW, distance of proposed, pipe line from the edge of ROW, important milestone, intersections, cross drainage works etc.	Yes, Shown in the diagram	
2.4	Methodology for laying of showing Water Supply pipeline.	Yes (HDD Method)	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	Back fill the excavated soil with compacted iron @ every 300mm	
	(a) The trench width should be at least 30cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	(b) For filling of the trench, 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 edges should be excavated and replaced by selected material.	Yes	

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T.W.A.D. BOARD

29



A.N. Pavan Kumar  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
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28.01.25 Dt 09.01.25

	(c) The backfill shall be completed in two stages (i) side –fill to the level of the top of the pipe and(ii)over fill to the bottom of the roadcrust.	Yes	
	(d)Thesidefillshallconsistofgranular material laid in 15 cm layers eachconsolidatedbymechanicaltamperin gand	Yes	
	controlled addition of moisture to 95% oftheProctor'sDensity.Overfillshallbecompactedto thesamedensityasthematerialthathadbeenremoved. Consolidationbysaturationorpondingwillnotbe permitted. (e) The road crust shall be built to the samestrength as the existing crust on either sideofthetrench.Careshallbetakentoavoid theformationofadipat thetrench.		
	(f)Theexcavationshallbeprotectedby flagman,signsandbarricades,andredlightsduringnig hthours.	Yes	
	(g) If required, a diversion shall beconstructedattheexpenseofagency owningtheutilityline	Yes	
2.4. 2	Horizontal Directional Drilling(HDD) Method	Yes	
2.4. 3	LayingofWaterPipeLine throughCD worksandmethodoflaying	No.	
3	DraftLicense Agreementsignedbytwo witnesses	Yes, Enclosed with proposal	
4	Performance Bank Guarantee in favour ofNHAI has to be obtained@ Rs100/- perrunningmeter(paralleltoNH)andRs1,00,000/- percrossingofNH,foraperiod of one year initially (extendable ifrequiredtillsatisfactorycompletionofwork)asasec urityforensuring/makinggood the excavated trench for laying thecables/ductsbyproperfillingandcompaction,clea ringdebris/looseearthproduced due to execution of trenching atleast 50m away from the edge of the rightofway.Nopaymentsshallbepayableby theNHAItothelicenseeforclearingdebris/loose earth.	Would be obtained after approval of the proposal	
4.1	PerformanceBGasperaboveistobe obtained.	Applicable at a later date	

  
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4.2	Confirmation of BG has been obtained as per NHA I guidelines	BG should be submitted as per NHA I GUIDELINES	
5	Affidavit/Undertaking from the Applicant for	Yes	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHA I or to the concerned agency	Yes, enclosed with proposal	
5.2	Renewal of Bank Guarantee	Yes, will be obtained after submission of BG.	
5.3	Confirming all standard condition of NHA I guideline	Yes, enclosed with proposal	
5.4	Shifting of Water pipeline as and when required by NHA I at their own cost	Yes, enclosed with proposal	
5.5	Shifting due to planning with paved shoulder/ widening of NH	Yes, enclosed with proposal	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed with proposal	
5.7	Traffic movement during laying of Water pipeline to be managed by the applicant	Yes, enclosed with proposal	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes, enclosed with proposal	
5.9	Prior approval of the NHA I shall be obtained before any work of installation, shifting or repairs, or alterations to the showing Water pipe line located in the National highway right-of-ways.	Yes, enclosed with proposal	
5.10	Expenditure, if any, incurred by NHA I for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water pipeline will be borne by the agency owning the line.	Yes, enclosed with proposal	
5.11	If the NHA I considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHA I at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, enclosed with proposal	

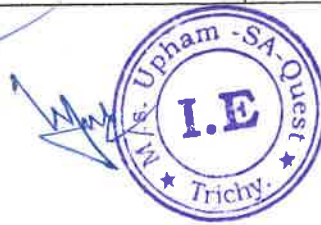
  
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 TRICHY.



  
**DGM (T) & PROJECT DIRECTOR**  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
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TRICHY.




A.N. Pharee   
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
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8	If NH section proposed to be taken up by NHAI on BOT basis a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [Trichy-Karur Section] Km Across @ Km. 160/450 of NH-81 on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	NA	
9	Who will supervise the work of laying of Water pipe line	Consultants and relevant field Officers of NHAI.	
10	Who will ensure that the defects in road portion after laying of Water pipeline are corrected and if not corrected then what action will be taken.	EE/TWAD/Maintenance/Trichy	
		the nature and seriousness of damages.	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	EE/TWAD/Maintenance/Trichy	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).	Yes, Enclosed	
13	If any previous approval is accorded for laying of underground Water pipe line then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	Yes, Enclosed	

  
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**PROJECT DIRECTOR**  
 NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 NHAI  
 PIU-TRICHY - 620 001.  
 TRICHY.- PIU

## Annexure-I

### Conditions to be enclosed/incorporated in the approval letter for

#### Permission for laying of Water pipe line for Water Supply Scheme to SIPCOT Industrial Complex at Manapparai in Trichy District for laying of Water Pipeline in NH-81(Trichy-Karur Section) Across the road @ Km.160/450 by HDD method.

1. The Water pipe line 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 Water pipe line 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 Water pipe line shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. 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.
5. The authority/ owner of the underground utility shall ensure that laying Water pipe lines should not have any deleterious effects on any of the bridge components and roadways 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 Water pipe line 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 pipe (or conduit pipe in the case of electric cable) carrying the Water pipe lines 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. Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.
10. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope to toe of slope in the fills.
11. 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.
12. 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.
13. 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.
14. Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)
  - (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 to the 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.
15. If needed, a diversion shall be constructed at the expense of the agency owning the Water pipeline.
  16. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Water pipe line located in the National highway right-of-ways.
  17. 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 Water pipe line will be borne by the agency owning the Water pipeline.
  18. If the NHAI considers it necessary in future to move the Water pipe line for any work of improvement or repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the Water pipe line within a reasonable time (not exceeding 60 days) of the intimation given.
  19. The licensee shall ensure making good the excavated trench for laying Water pipe line 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.
  20. The licensee shall furnish a Bank Guarantee to the NHAI @ Rs100/- 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.
  21. 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.
  22. The licensee shall shift the Water pipeline 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 Water pipeline, 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.
  23. 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.
  24. 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.
  25. 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.
  26. The licensee shall procure insurance from reputed insurance company against damages to already existing cables/underground installation/utilities/facilities etc during trenching.



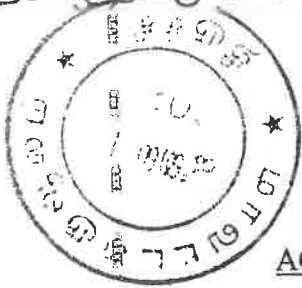
27. The licensee has to cross the NH by horizontal drilling method (trenchless technology only). In case any damage is caused to the road pavement in this process, the licensee will be required to restore the same to the original condition at his own cost.
28. No trenching will be done on pucca road, boring method will be used in pucca road and Water pipeline will be laid at the extreme edge of the road in the non-BT surface only.
29. 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  
ormaintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs100/- per meter length for maintenance/ repair work shall have to be furnished by the licensee.
30. 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.
31. 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 Water pipeline.
32. 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 Water pipe line, he will have to furnish a separate bank guarantee.
33. 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 Water pipeline.
34. 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.
35. During the subsistence of this agreement, the laying of Water pipe line/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 lapse of time.
36. The licensee shall bear the stamp duty charged for the agreement.
37. The Water pipe line shall not be brought in to use by the licensee unless a completion certificate to the effect that the laying of Water pipe line 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 owner has been obtained.
38. Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the breach of any condition of the same and the licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
39. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
40. If any traffic diversion works are found necessary during the working periods such diversions shall be provided at the cost of licensee.
41. After the termination/expiry of the agreement, the licensee shall remove the Water pipeline 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 Water pipe line 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.
42. 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.
43. 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

44. Strict compliance of the following by the Project Director:

- a) If the licensee fails to inform the commencement of laying of Water pipe line 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. Ministry Circular No. NH-41 (58)/68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI(ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003, 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 Water pipe line, 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 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003, 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. 100/- per running meter of NH and Rs. 1,00,000/- per crossing of NH from the licensee to safeguard the interest of NHAI.
- f) A register of records of the permissions accorded has to be maintained by the PD in the prescribed proforma (copy enclosed)
- g) Project Director is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant, on behalf of NHAI.



தமிழ்நாடு தமில்நாடு TAMILNADU 29 OCT 2024



DX 420469  
அ. லக்ஷ்மீ, மு.ஜி  
தொழிலாளர் நீதி மன்றம்  
மாவட்ட நீதி மன்ற வளாகம்  
எண்: 2/2000, திருச்சி  
செக்ஸ் எண்: 9245 61911

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

Agreement to laying of Water Pipe Line for Water Supply Scheme to SIPCOT Industrial Complex at Manapparai in Trichy District for laying of Water Pipeline in NH-81(Trichy-Karur Section) Across the road @ Km.160/450 by HDD method 0.03 kms of Trichy-Karur Section(NH-81) in the state of Tamil Nadu, National Highways, Trichy.

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ (month) of (year) between \_\_\_\_\_ Acting in his executive capacity through Regional Officer, National Authority of India 2<sup>nd</sup>, 3<sup>rd</sup> Floor, Vijay Krishna Plaza, Mattuthavani, Madurai

“which expression shall unless excluded by or repugnant to the context include his success or sin office and as signs) on the one part, an **The Executive Engineer, Tamilnadu Water Supply And Drainage Board, Maintenance Division, Trichy - 23, Tamilnadu State**, (hereinafter called the “Licensee”) which expression shall unless excluded by repugnant to the context, include his successors /administrator assignees on the second part.

  
**EXECUTIVE ENGINEER**  
**TWAD BOARD**  
**MAINTENANCE DIVISION**  
**TRICHY.**



Whereas the Authority is responsible, inter-alia, for development and maintenance of lands Across the road @ Km.160/450 For a total length of 0.03 Kms- Karur Section (NH - 81) in the state of TamilNadu, National Highways, Trichy.

Whereas the Licensee Propose to lay Telecom cable / OFC cable / electrical cable Line / Pipeline / ducts etc., referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services Across the road @ Km.160/450 For a total length of 0.03 Kms of Trichy- Karur Section (NH - 81) in the state of TamilNadu, National Highways, Trichy.

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

Now this agreement witnesseth that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permissions 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 utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions / scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the Row and any subsequent user will be permitted to use the Row, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled, Decision of the Authority in relation to fulfilment of technical requirements shall be final and Binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging, finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs. .... /sq m/month to the Authority. The Licensee fee shall become payable from the date of handing over of land to the Licensee, for laying of utilities / electrical cables / lines / 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.

  
**EXECUTIVE ENGINEER**  
**TWAD BOARD**  
**MAINTENANCE DIVISION**  
**TRICHY.**



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 a wide utility corridor on either side of the extreme edge of Row. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The Utility services shall be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc: the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/ parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the authority shall be payable by the Licensee.
9. In exceptional cases, where RoW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the roadland and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level. However any structure above ground shall be aesthetically provided for / 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 toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.

  
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13. The top of the electrical cable line containing the utility services to cross the road shall be at least 1 m top of the existing road level whichever is lower. A typical sketch showing the clearances is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it 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 cm wider than the outer diameter of the pipe. Filling of the trench shall conform to the specification contained here-in-below or as supplied by the Highway Authority.
  - i. 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.
  - ii. The backfill shall be completed in two stages (i) side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
  - iii. The side fill shall consist of granular material laid in 15 cm. Layer each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted.
  - iv. 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 50 m away from the edge of the right of way.
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank guarantee @ Rs. Per route metre /Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority its designated agency as a security against

  
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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 any services etc. in case of licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

20. In case, the Performance Bank guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/its designated agency for any damages 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 Licensee 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

EXECUTIVE ENGINEER



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 guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day, fillings should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The Licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposit of fees shall attract interest @15% per annum compounded annually.
30. The permission shall be valid only for 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/and/property. Other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land /property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and infeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.

  
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35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorised representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The Utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellations nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
  - a. Operation, repair and maintenance guidelines given by the manufacturers.
  - b. The requirements of Law.
  - c. The physical conditions at the Site, and
  - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.

  
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42. Any disputes in interpretation of the terms and condition 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 anyway in this regard.

This agreement has been made in duplicate, each on a stamp paper, each Party to this Agreement has retained one stamped copy each.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE 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 **The Executive Engineer, Tamilnadu Water Supply And Drainage Board, Maintenance Division, TWAD Integrated Office complex, 1<sup>st</sup> Floor No.35, J.K. Nagar, Trichy- 23. Tamilnadu State, (LICENSEE)**

BY SHRI \_\_\_\_\_  
(Signature, name & address with stamp)

HOLDER OF GENERAL POWER OF ATTORNEY DATED \_\_\_\_\_

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. \_\_\_\_\_ DATED \_\_\_\_\_  
PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON \_\_\_\_\_  
IN THE PRESENCE OF (WITNESSES)

1.   
**ASSISTANT EXECUTIVE ENGINEER**  
TWAD Board, Maintenance Sub-Division  
Manapparal

2.   
**ASSISTANT ENGINEER**  
TWAD Board, Maintenance Sub-Division  
Manapparal

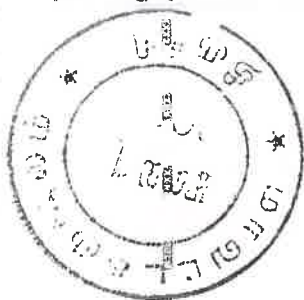




தமிழ்நாடு தமில்நாடு TAMILNADU

29 OCT 2024

DX 420474  
அ. ஷம்ஷாத். மு.ஷி  
தொழிலாளர் நீதி மன்றம்  
மாவட்ட நீதி மன்ற வளாகம்  
எண்: 2/2000, திருச்சி  
செல் எண் 93451 81811



Annexure-V

### UNDERTAKING

We, Tamilnadu Water Supply And Drainage Board, Maintenance Division, TWAD Integrated Office complex, :- No.35, J.K.Nagar, Trichy- 23. Tamilnadu State Laying of Water Pipe Line for Water Supply Scheme to SIPCOT Industrial Complex at Manapparai in Trichy District for laying of Water Pipeline in NH-81(Trichy-Karur Section) Across the road @ Km.160/450 by HDD method Of Trichy- Karur Section (NH - 81) in the state of TamilNadu.

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 of here electrical cable line, underground installation/utilities etc, Tamilnadu Water Supply And Drainage Board shall be responsible to ascertain from the respective agency in coordination with NHAI. Tamilnadu Water Supply And Drainage Board shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.

  
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2. **Renewal of Bank Guarantee:** Tamilnadu Water Supply And Drainage Board shall furnish a Bank Guarantee @ Rs100/- 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 trench for Laying of water pipe line 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 Tamilnadu Water Supply And Drainage Board for clearing debris/loose earth. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee The Tamilnadu Water Supply And Drainage Board shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of Tamilnadu Water Supply And Drainage Board 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 Tamilnadu Water Supply And Drainage Board and recover the amount by invoking the bank guarantee furnished by Tamilnadu Water Supply And Drainage Board.

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

- (i) The period of validity of Way permission shall be co-terminus with the validity of license given by the Ministry of Communications/DoT.
- (ii) The Laying of Water pipe line shall be laid at the edge of the right of way within 2m utility corridors.
- (iii) The licensee has to cross the NH. In case any damage is caused to the road pavement in this process, Tamilnadu Water Supply And Drainage Board will be required to restore the same to the original condition at its own cost.
- (iv) No trenching will be done on link road, boring method will be used in link road and Water pipe line will be laid at the extreme edge of the road in the non-BT surface only.
- (v) 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 @ Rs100/- per meter length for maintenance/ repair work shall have to be furnished by Tamilnadu Water Supply And Drainage Board.
- (vi) Each day, the extent of Water pipeline should be strictly regulated so that pipe 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.
- (vii) The Licensee shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the laying of Water pipeline.

  
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- (viii) The NHAI has a right to terminate the permission or to extend the period of agreement. In case the Tamilnadu Water Supply And Drainage Board wants shifting, repairs or alteration to Water pipe line, he will have to furnish a separate bank guarantee.
- (ix) 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 alteration to the said Water pipeline.
- (x) The permission granted shall not in any way be deemed to convey to Tamilnadu Water Supply And Drainage Board any ownership right or any interest in route /road/highway/land/ property, other than what is herein expressly granted.
- (xi) During the subsistence of this agreement, the laying of Water pipe line 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 Tamilnadu Water Supply And Drainage Board to the use thereof shall not become absolute and infeasible by laps of time.
- (xii) Tamilnadu Water Supply And Drainage Board shall bear the stamp duty charged for the agreement.
- (xiii) The Water pipe line shall not be brought in to use by Tamilnadu Water Supply And Drainage Board unless a completion certificate to the effect that the laying of Water pipe line 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 owner has been obtained.
- (xiv) Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the for breach of any condition of the same and the Tamilnadu Water Supply And Drainage Board shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
- (xv) The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NHAI is required to do some emergent work Tamilnadu Water Supply And Drainage Board will provide an observer within 24 hours. NHAI will not be responsible for any damage of any kind by whatsoever means natural or otherwise.
- (xvi) The enforceability of the Right-of-Way permission granted herein shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement of the License with Department 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 of Tamilnadu Water Supply And Drainage Board

  
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4. **Shifting of Water pipe line as and when required by NHAI:** Tamilnadu Water Supply And Drainage Board shall shift the Water pipe 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 water pipe 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 lining/widening of NH:** After the termination/expiry of the agreement, Tamilnadu Water Supply And Drainage Board shall remove the water pipeline within 90 days and the site shall be brought back to the original condition failing which the Tamilnadu Water Supply And Drainage Board will lose the right to remove the water pipe line. However, before taking up the work of removal of water pipe line the Tamilnadu Water Supply And Drainage Board 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.
6. **Traffic movement during laying of Water pipe line to be managed by the applicant:** If any traffic diversion works are found necessary during the working periods such diversions shall be provided at the cost of Tamilnadu Water Supply And Drainage Board.
7. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** Tamilnadu Water Supply And Drainage Board 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 Tamilnadu Water Supply And Drainage Board. The concerned agency in coordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by Tamilnadu Water Supply And Drainage Board. If Tamilnadu Water Supply And Drainage Board 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 Tamilnadu Water Supply And Drainage Board.
8. **We, Tamilnadu Water Supply And Drainage Board, Tamilnadu Water Supply And Drainage Board, Maintenance Division, Tamilnadu State, hereby do undertake to** furnish a Performance Bank Guarantee @ 100/- per meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installation utility services & interference interruption, disruption or failure caused thereof to any services etc. In case, Tamilnadu Water Supply And Drainage Board fails to discharge the obligation of making good the damages caused due to erection, the NHAI shall have a right to make good the damages caused due to erection at the cost of the Tamilnadu Water Supply And Drainage Board. And recover the amount by invoking the Bank Guarantee. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission, within a period

  
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 TWAD BOARD  
 MAINTENANCE DIVISION  
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of 11 months from the date of issue of the Bank Guarantee, Tamilnadu Water Supply And Drainage Board. Shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.

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, Tamilnadu Water Supply And Drainage Board shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
11. We will relocate Pipe lines/Utilities 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."  
We, Tamilnadu Water Supply And Drainage Board, Maintenance Division, TWAD Integrated Office complex No.35, J.K. Nagar, Trichy- 23. Tamilnadu State, hereby undertake that "The existing avenue plantation is not affect due to the present proposed water pipe line Water Supply Scheme to SIPCOT Industrial Complex at Manapparai in Trichy District for laying of Water Pipeline in NH-81 (Trichy-Karur Section) Across the road @ Km.160/450 by HDD method of Trichy-Karur Section (NH-81) in the state of Tamil Nadu".
12. We, Tamilnadu Water Supply And Drainage Board, Maintenance Division, Trichy - 23 Tamilnadu State, here by under take that the pay the fee/rent as mentioned in the Ministry's Guidelines Lr.No.RW/NH-33044/29/2015-S&R(R) dated 22.11.2016 as and when asked by NHAI.
13. We, Tamilnadu Water Supply & Drainage Board, Maintenance Division, Trichy -23, Tamilnadu State. Hereby undertake that as per NHAI policies for Avenue plantations maintained, while laying water pipe line if any plants damaged will be replaced by 1:10 ratio as per NHAI policies.
14. 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, the last paragraph that "The Highway Administration Rules 2004 will be modified accordingly. This circular will come into effect from the date of notification of the modified Highway Administration Rule" So we hereby give our constant to abide by the 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.



Executive Engineer,

TWAD Board, Maintenance Division, Trichy.

(Authorized Signatory)



தமிழ்நாடு தமில்நாடு TAMILNADU

29 OCT 2024

DX 420470

அ. அமர்ஷாத், மு.வ.

தொழிலாளர் நீதி மன்றம்  
மாவட்ட நீதி மன்ற வளாகம்  
எண்: 2/2000, திருச்சி  
செல் எண்: 93451 81811

### INDEMNITY BOND

**Name of work:** Laying of water pipeline along and across the National Highway at Existing on NH 81 land Crossing at Km 160/450 Total Length 30 meters in the state of Tamilnadu.

#### Indemnity against all damages and claims as per SLNO.5.6 of Checklist

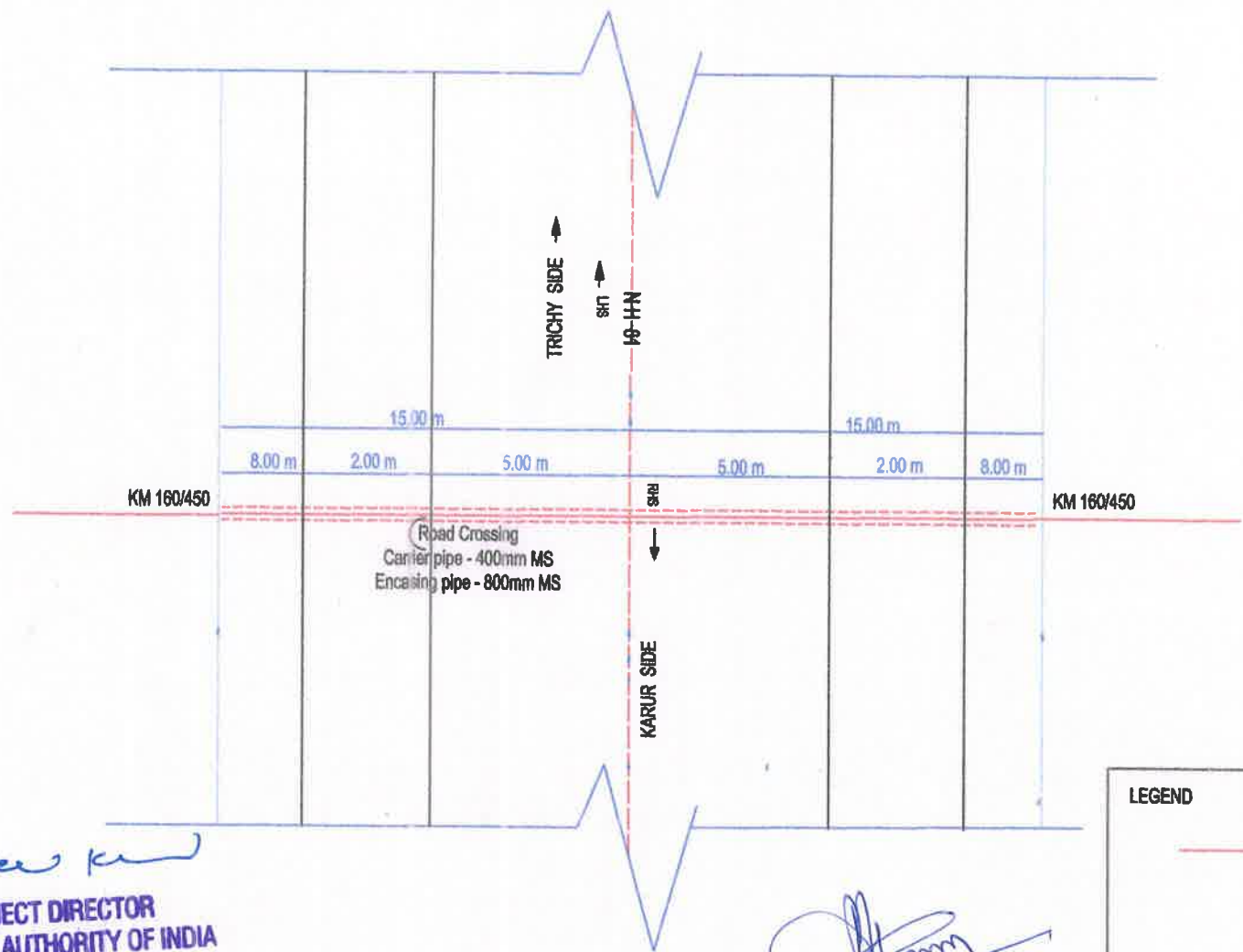
We, M/s. Tamilnadu Water Supply & Drainage Board (TWAD Board), Maintenance Division, Trichy, do hereby indemnify the Regional Officer, National Authority of India 2<sup>nd</sup>, 3<sup>rd</sup> Floor, Vijay Krishna Plaza, Mattuthavani, Madurai binding ourselves to pay all the losses and claims in respect of laying of water pipeline for Water Supply Scheme to SIPCOT Industrial Complex at Manapparai in Trichy District for laying of Water Pipeline in NH-81(Trichy-Karur Section) across the National Highways at Existing on NH 81 Crossing at Km 160/450 (30m) Total Length Across 30 meters in the state of Tamilnadu or maintenance there of and against all claims proceeding damages, cost, charges and expenses whatsoever in respect thereof in relation there to failing such payments of claims in the above work we abide in accepting of such claims affected from any of our assets.

  
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TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY.



25.02.24 DT - 09.01.24

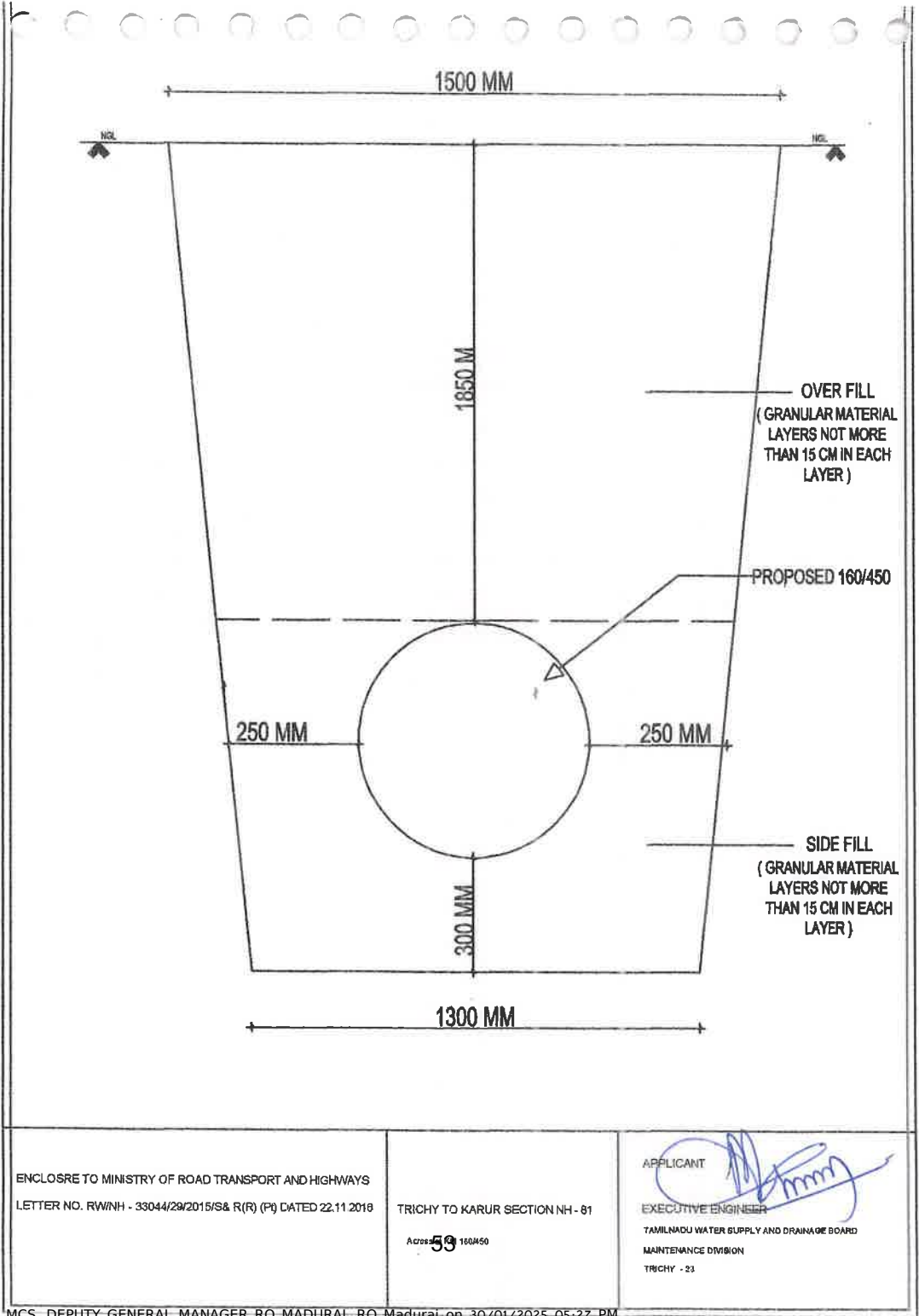
PROJECT : Proposed For Laying Of Water Pumping Main Line For Water Supply Scheme to SIPCOT industrial complex at Manapparai in Trichy District for Crossing of Water pipeline in NH-81 (Trichy - Karur Section) Across the road at LS KM 160/450 (30 m)



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

EXECUTIVE ENGINEER  
TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY.

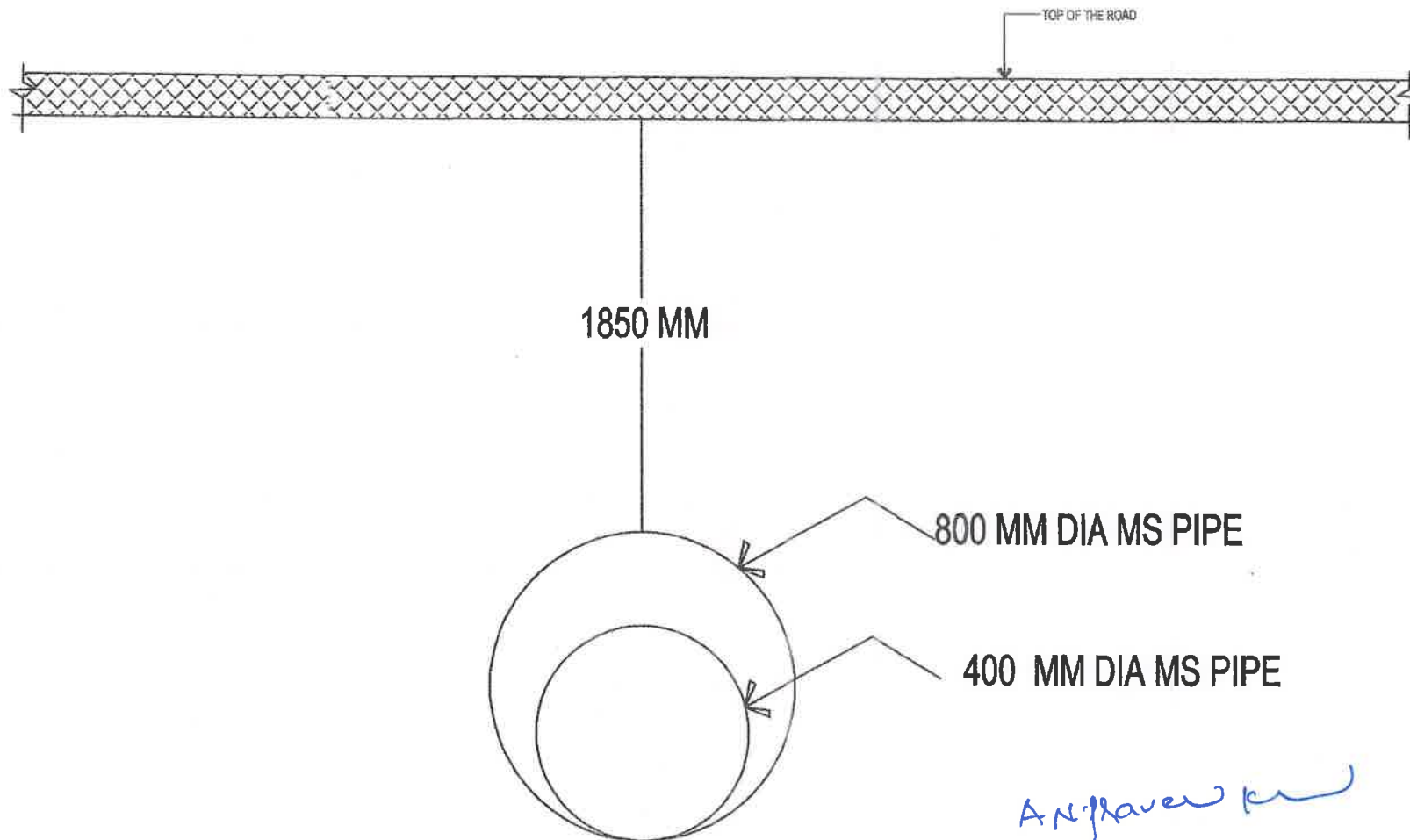




*A. N. Phaveen*  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.



LI NO 76 Dt. 29.01.24



ACROSS AT KM 160/450

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

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT &amp; HIGHWAYS &amp; LETTER NO RWNH33044/29/2015/S&amp;R(R)(Pt).DATED 22.11.2016

TITLE :-

FIGURE :- INSTALLATION OF MS CASING PIPE FOR CROSSING  
 THE ROAD TRENCH LESS ( HDD METHOD )

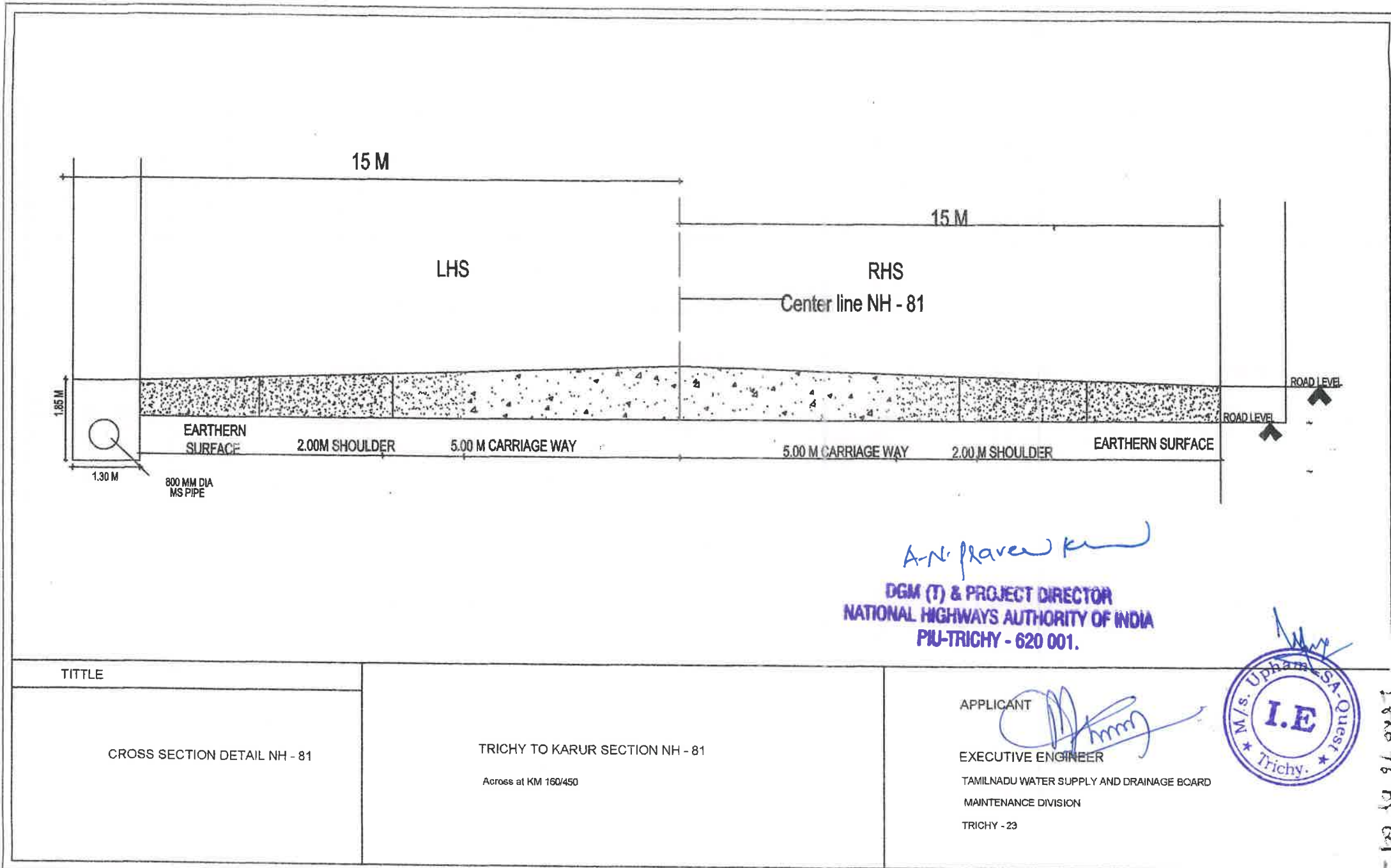
APPLICANT :-

EXECUTIVE ENGINEER

Tamilnadu Water Supply and Drainage Board  
 Maintenance Division  
 Trichy - 23



22.11.2016 Dr. B. G. 01.24





## Application Details [20241016/1/7/22105/11244]

Highway	NH81 [NH81], NH81 [NH81]
Name of Highway Authority	NHAI Dwarka New delhi
Highway Administration Address	Trichy Trichy
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	Tamilnadu Water Supply And Drainage Board Address: Tamilnadu Water Supply And Drainage Board Maintenance Sub Division No 35 J K Nagar Khajamalai Post , TIRUCHIRAPPALLI (TAMIL NADU), PIN: 620023 Phn: 9443529622 Email: aeemsd2trichy@gmail.com
Application Category	Public Utility
Utility	Water
State	TAMIL NADU
Type	New
Remarks	Water Supply Scheme to SIPCOT industrial complex at Manapparai in Trichy District
Submitted On	17 Oct 2024 11:25:22

## Details

<b>1. Length in Meters *</b>	30
<b>2. Width of available ROW</b>	
<b>I. Left side from center line towards increasing chainage OR km direction *</b>	160.450
<b>II. Right side from center line towards increasing chainage OR km direction *</b>	160.440
<b>3. Proposal to lay the utility</b>	
<b>I. Left side from center line towards increasing chainage OR km direction *</b>	160.450
<b>II. Right side from center line towards increasing chainage OR km direction *</b>	160.440
<b>4. Proposal to acquire the land</b>	
<b>I. Left side from center line *</b>	30
<b>II. Right side from center line *</b>	30
<b>5. Whether proposal is in the same side where land is not to be acquired *</b>	Yes
<b>If not then where to lay the cable *</b>	NA
<b>6. Details of already laid services if any along the proposed route *</b>	Nil
<b>7. Number of Existing lanes *</b>	4 Lane
<b>8. Proposed number of lanes *</b>	4 Lane
<b>9. Service road Exists *</b>	No
<b>10. Proposed Service road</b>	
<b>Left side from center line</b>	30
<b>Right side from center line</b>	30
<b>11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *</b>	N/A

**12. Whether carrying OFC**

Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same \*

HDD

**13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line \***

YES

**I. Whether the existing drainage structures are allowed to carry utility pipeline. \***

Nil

**II. Is it on a line normal to NH? \***

Yes

**III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. \***

15.00

**IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. \***

Yes

**V. Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path \***

Yes

**VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. \***

Yes

**VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 \***

Yes

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

Yes

**14. Whether the proposal satisfies the following:**

**I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. \***

NA

**II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. \***

Yes



**III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. \***

Yes

**IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. \***

Yes

**V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. \***

Yes

**15. Document/Drawings enclosed with the proposal \***

Yes

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

Yes

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

Yes

**III. Strip plan/ Route plan**

showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. \*

Yes

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

Yes (HDD Method)

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

Yes

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

Yes

**(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material \***

Yes

**(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 \***

Yes

(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. \*

Yes

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

Yes

(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. \*

Yes

(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. \*

Yes

VI. Horizontal Directional Drilling (HDD) Method \*

Yes

VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). \*

No

16. Draft license Agreement signed by two witnesses. \*

Yes, Enclosed with Proposal

I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. \*

Yes, Enclosed with Proposal

17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. \*

Yes

**I. Confirmation of BG has**

**been obtained as per MoRTH  
guidelines \***

Yes

**18. Affidavit/Undertaking from the Applicant for following is to be furnished**

**a) Undertaking not to Damage  
to other utility, if damage then  
to pay the losses either to  
NHAI or the concerned  
agency. \***

Yes

**b) Undertaking Renewal of  
Bank Guarantee as and when  
asked by MoRTH. \***

Yes

**c) Undertaking Confirming all  
standard condition of  
Ministry's guidelines. \***

Yes

**d) Undertaking for indemnity  
against all damages and  
claims \***

Yes

**e) Undertaking for  
management of traffic  
movement during laying of  
utility line without hampering  
the traffic \***

Yes

**f) Undertaking that if any  
claim is raised by the  
concessionaire/ contractor  
then the same has to be paid  
by the applicant. \***

Yes

**g) Undertaking that prior  
approval of the NHAI shall be  
obtained before undertaking  
any work of installation,  
shifting or repairs, or  
alteration to the utility located  
in the National Highway Right  
of Ways. \***

Yes



**h) Undertaking that**

**expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. \***

Yes

**i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 \***

Yes

**j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. \***

Yes

**k) Certificate from the applicant in the following format**

**l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development**

**19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. \***

Executive Engineer, TWAD Board,

**20. The Power of Attorney is in favour of authorized signatory? \***

Yes

## Locations

Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	TAMIL NADU	TIRUCHIRAPPALLI	NH81 [NH81] (154.40-218.02) From Km: 160 To Km: 161	Chainage Point: 160.44 Lat: 10.892 Lng: 78.539	Chainage Point: 160.46 Lat: 10.891 Lng: 78.539	<a href="#">View</a>
2	TAMIL NADU	TIRUCHIRAPPALLI	NH81 [NH81] (154.40-218.02) From Km: 160.4 To Km: 160.45	Chainage Point: 160.44 Lat: 10.892 Lng: 78.539	Chainage Point: 160.46 Lat: 10.891 Lng: 78.539	<a href="#">View</a>

## Documents

Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	<a href="#">View</a>
2	Under Submission	Any Other Supporting Document	No	--
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	--
4	Under Submission	Safety Clearance from Directorate of Electricity	No	--
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	--
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	--
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	--
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	--
9	Under Submission	Any Other Statutory Clearance as applicable	No	--

## Applicable Fee Details

Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	17067.60	65

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பதிவுத்துறை  
REGISTRATION DEPARTMENT

தமிழகப் பதிவுத்துறை  
TAMIL NADU REGISTRATION DEPARTMENT



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

For queries related to software,  
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From: 1-7-2024 To: Current Date

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Trichy

Sub Registrar Office:\*

Nangavaram

Registration Village:\*

Sirugamani East

Survey Number:\*

7

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Search Criteria :

Zone: TRICHY  
Guideline Village: SIRUGAMANI EAST  
Revenue District: THIRUCHIRAPPALLI

Sub Registrar Office: NANGAVARAM  
Revenue Village: SIRUGAMANI EAST  
Revenue Taluka: SRIRANGAM

Below Search results are as on 16-Oct-2024 10:24 AM

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[First/Prev] 1, 2, 3, 4, 5, 6 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (?) (British Value)	Guideline Value (?) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	7/10	-	-	Refer Street Value	-	-
2	7/11	-	-	Refer Street Value	-	-
3	7/12	-	-	Refer Street Value	-	-
4	7/13A	-	-	Refer Street Value	-	-
5	7/13A1	-	-	Refer Street Value	-	-
6	7/13A2	-	-	Refer Street Value	-	-
7	7/13A3	-	-	Refer Street Value	-	-
8	7/13A30	-	-	Refer Street Value	-	-
9	<u>7/13A/3A</u>	200/ Square Feet	2155/ Square Metre	Residential Class III Type - I	01-Jul-2024	-
10	7/13A/3A	-	-	Refer Street Value	-	-

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Home	Home	Home	Circulars	Cyber Resilience	Privacy Policy	No.100, Santhome High Road, 600028, Tamil Nadu, India
Home	Home	Home	Lathi Font	Cyber Security	Hyper-Linking	Telephone: 044-24640160
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