



# 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, माट्टुतावनी, मदुरै - 625107

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

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



NHAI/15018/4.2/01/2025/RO Madurai/E-271309/ 098

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

## INVITATION OF PUBLIC COMMENTS

**विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, डिंडिगल** - Proposal for getting Permission to lay the Underground Water Pipeline using 127mm Dia. (5" Dia.) PVC Carrier Pipe along the ROW from Km 88/614 to Km 92/914 on LHS on NH-209 (New NH No - 83) [Dindigul - Coimbatore Section] Along the ROW from Km 1/887 to Km 2/825 on LHS and across the road using Ø 203.2mm (8")MS Casing Pipe at Km 1/887 on Spur Road - II of NH-83 by Mr.Lakshman Swamy, Mr.Ramasamy & Mr.Kandarmani - **Invitation of Public Comments - Reg.**

**प्रसंग:** PD, Dindigul Lr. No - NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/24 dated 06.01.2025.

The Proposal is regarding permission for laying of water pipe line in Dindigul - Coimbatore Section of NH-83 along the road from Km 88/614 to Km 92/914 on LHS on NH-209, along the ROW from Km 1/887 to Km 2/825 on LHS and across the road at Km 1/887 on Spur Road - II of NH-83 by Open trench & HDD Method by Mr.Lakshman Swamy, Mr.Ramasamy & Mr.Kandarmani has been submitted to this office by the PD, PIU, Dindigul Lr. No - NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/24 dated 06.01.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2. The alignment proposed by Mr.Lakshman Swamy, Mr.Ramasamy & Mr.Kandarmani for laying of water pipe line in Dindigul - Coimbatore Section of NH-83 along the road from Km 88/614 to Km 92/914 on LHS on NH-209, along the ROW from Km 1/887 to Km 2/825 on LHS and across the road at Km 1/887 on Spur Road - II of NH-83 by Open trench & HDD Method is as detailed under:

Stretch (in Km)	Length (L) (in m)	Dia of the pipe (D) (m)	Available ROW (in m)		Distance from the C/L (in m)		Remarks
			LHS	RHS	LHS	RHS	
Along NH-83: Km 88/614 to Km 92/869	4255	0.127	30	30	28.5	-	Laying of pipe line along the extreme edge of ROW at a distance of 1.5m from ROW edge.
Km 1/887 to Km 2/825	938	0.127	30	30	28.5	-	
Across the Spur Road -II of NH-83: Km 1/887	60	0.203	30	30	-	-	Laying of pipe line across by HDD Method at a depth of 1.57 m from top of the subgrade.

## National Highways Authority of India

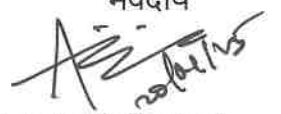
3) Mr.Lakshman Swamy, Mr.Ramasamy & Mr.Kandarmani has proposed for laying of water pipe line in Dindigul - Coimbatore Section of NH-83 along the road from Km 88/614 to Km 92/914 on LHS on NH-209, along the ROW from Km 1/887 to Km 2/825 on LHS and across the road at Km 1/887 on Spur Road - II of NH-83 by Open trench & HDD Method in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) Mr.Lakshman Swamy, Mr.Ramasamy & Mr.Kandarmani has furnished an Undertaking to the effect that the applicant will shift the laid water pipeline in future within 90 days if required by NHAI at any time for expansion of the NH at their own cost without claiming any compensation from NHAI. Further, mentioned that Mr.Lakshman Swamy, Mr.Ramasamy & Mr.Kandarmani 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  
  
(एस .अजित कुमार | S.Ajith Kumar)  
प्रबंधक (तक) | Manager (Tech)  
क्षे.का.मदुरै | RO-Madurai

संलग्न: As above

2

प्रतिलिपि:

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



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

परियोजना कार्यान्वयन इकाई - डिंडिगल / Project Implementation Unit - Dindigul  
प्लॉट नं.1, ऐश्वर्याम हाइट्स, इंदिरा नगर, सेन्नामनाईकेनपट्टी (पो), थाडिकोम्बु रोड, डिंडिगल - 624 004  
Plot No.1, Aishwaryam Heights, Indira Nagar, Sennamanaickenpatti (P.O), Thadikombu Road, Dindigul - 624 004  
दूरभाष / Tele : +91-451 2904199 वेब / Web : www.nhai.org ई-मेल / E-mail : piudindigul@nhai.org, dindigulpiu@gmail.com



NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/24

06.01.2025

सेवा में/To,

**क्षेत्रीय अधिकारी/ The Regional Officer,**

**भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India,**

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

**दूसरी और तीसरी मंजिल, विजय कृष्णा प्लाजा नंबर 1/2<sup>nd</sup> & 3<sup>rd</sup> Floor, Vijay Krishna Plaza No.1,**

**लेक एरिया, मेलूर मेन रोड/ Lake Area, Melur Main Road,**

**मट्टुथवानी, मदुरै - 625 107/ Mattuthavani, Madurai - 625 107.**

**विषय/Sub: NHAI - PIU-Dindigul - Four Laning of Madathukulam to Pollachi section of NH-209(New No.83) from Design Km 74+380 to Km 116+950 (Total design length = 50.078 Km) under Bharatmala Pariyojana on HAM mode in the State of Tamil Nadu - Proposal for getting Permission to lay the Underground Water Pipeline using 127mm Dia. (5" Dia.) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+914 on LHS on NH-209 (New NH No. - 83) [Dindigul - Coimbatore Section] Along the ROW from Km 1+887 to Km 2+825 on LHS and across the road using Ø 203.2mm (8")MS Casing Pipe at Km 1+887 on Spur Road - II of NH-83 - Approval Requested - Reg.**

- संदर्भ/Ref:**
1. IE's Letter No. AA/M-P/NHAI/2357/2024-25/2040 dated 21.12.2024
  2. This office's letter no. NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/Private NOC/2478 dated 18.12.2024
  3. Applicant's letter no. UDU/LAK/WPL/ISH/ENGG/(NH-83)-07010 dated 09.12.2024
  4. This office's letter no. NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/255 dated 05.02.2024
  5. IE's Letter No. AA/M-P/NHAI/2357/2023-24/1670 dated 30.01.2024
  6. This office's Letter No. NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/76 dated 11.01.2024
  7. Applicant's Letter No. UDU/LAK/WPL/ISH/ENGG/(NH-83)-07010 dated 10.01.2024

**महोदय/Sir,**

Reference is invited to the captioned subject and references cited above.

The applicants Shri Lakshman Swamy, S/O Shri M.Viswanathan, 3/46 Merrkuthottam, Udumalpet, Tiruppur District, Tamil Nadu - 642 122, Shri Ramasamy & Shri Kandarmani S/O Shri Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalpet, Tiruppur District, Tamil Nadu - 642 122 has submitted a proposal for issuance of NOC to lay an underground water pipeline using 127mm Dia. (5" Dia.) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+869 on LHS on NH-209 (New NH No. - 83) [Dindigul - Coimbatore Section] Along the ROW from Km 1+897 to Km 2+825 on LHS and across the road using Ø 203.2mm (8")MS Casing Pipe at Km 1+897 on Spur Road . The proposal has been processed by the Applicant on MoRTH Portal vide Application No. 20240106/1/5/9715/4320.

2. **BACKGROUND:** The applicant vide letter dated 10.01.2024 (cited under ref. 7<sup>th</sup>) submitted the subject proposal requesting approval of the Authority and the same has been examined by this office and returned to the applicant vide this office letter dated 05.02.2024 (cited under ref 4<sup>th</sup>) for compliance of the certain observations as communicated by the IE (ref. 5<sup>th</sup>).

2.1 In turn, the applicant vide letter dated 09.12.2024 (cited under ref. 3<sup>rd</sup>) resubmitted the proposal which has been forwarded to the IE for verification at the site. Accordingly, the IE vide letter dated 21.12.2024 (cited under ref. 1<sup>st</sup>) recommended the proposal for approval, the same has been checked and found in order.

3. In the context of the above, the subject proposal has been scrutinized in light of Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 and the following points are brought out:

- (i) A plan showing the above-mentioned NH stretch with the proposed Pipeline location, and cross-section of the Pipeline has been appended to the proposal.
- (ii) The water supply pipeline is proposed to be laid 1.2m below Ground level/Subgrade through the HDD Method which satisfies the norms.
- (iii) The applicant has submitted an agreement in the prescribed format to be executed in case the approval is accorded.
- (iv) The applicant has submitted the necessary undertakings in the prescribed format as mentioned in the Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.
- (v) Indemnity bond has been furnished with the proposal.
- (vi) Relevant documents pertaining to applicant identity furnished with the proposal.
- (vii) Cross-section drawings submitted with the proposal have been checked as per MoRTH guidelines and found to be in order.

4. The license fee has been calculated in line with the MoRTH policy guidelines dt. 22.11.2016 & 17.04.2023 as detailed below: -

LICENSE FEES FOR INDUSTRIAL UTILITY (Pipe line) (Rs./Sqm)									
(Utilized NH Land area × Prevailing Circle Rate of land per unit area x 10% per annum)									
Sl.No	Village Name	Chainage		Side	Length (L) (m)	Width of Trench/Support system (m)	Utilized NH land area (LXW) (Sq.m)	Prevailing Circle rate of land per unit area (sq.m) (Rs.)	License Fee (Private utility) (Rs.)
		From	To						
1	Udumalaipettai	88+614	89+700	LHS	1086	0.127	137.922	362.94	₹ 5,005.74
2	Ganapathipalayam	89+700	91+400	LHS	1700	0.127	215.9	491.66	₹ 10,614.94
3	Poolankinar	91+400	92+869	LHS	1469	0.127	186.563	369.46	₹ 6,892.76
4	Udumalaipettai	01+887	02+825	LHS	938	0.127	119.126	362.94	₹ 4,323.56
5	Across Road (Udumalaipettai)	01+887		BHS	60	0.2032	12.192	362.94	₹ 442.50
Total Amount									₹ 27,279.49

**Note:** The prevailing Circle rate of land per Sqm has been adopted from the CALA/SDRO Award Proceedings for respective Village Udumalpettai, Ganapathipalayam & Poolankinar. Copy of relevant pages are enclosed herewith for ready reference.

The license fee for 5 years is Rs 27,279.49 X 5 = Rs. 1,36,397/- only.

4

5. The amount of Performance Bank Guarantee has been calculated in line with the MoRTH Policy Guidelines dated 22.11.2016 as detailed under:

Total Length NH	5253 m
Rate of performance BG	Rs. 100/- Per m (<300 mm)
Amount (5253 x 100)	Rs. 5,25,300/-
Cost of Restoration (1 crossing only)	1,00,000/-
<b>Total Amount</b>	<b>Rs. 1,30,910.00/-</b>

6. Further, it is to certify that the proposal confirms all the standard conditions issued vide Ministry Circular, the installation of the pipeline within ROW will not adversely affect the design, stability & traffic safety of the Highway nor the future improvement such as widening of the carriageway, easing of curves etc., and it is certified that the sufficient ROW is available at the site for accommodating proposed 4 lanning.

7. In view of the above, the in-principal approval/ provisional NOC of the Competent Authority to lay the Underground Water Pipeline using 127mm Dia. (5" Dia.) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+914 on LHS on NH-209 (New NH No. - 83) [Dindigul - Coimbatore Section] Along the ROW from Km 1+887 to Km 2+825 on LHS and across the road using Ø 203.2mm (8")MS Casing Pipe at Km 1+887 on Spur Road - II of NH-209 (New NH No. - 83) [Dindigul - Coimbatore Section] Tamil Nadu may be accorded to the applicant.

भवदीय/Yours Sincerely,

संलग्न/Encl: Proposal 03 sets (02 Original, 01 Duplicate)



परियोजना निदेशक/Project Director

प्रतिलिपि/ Copy to:

- (i) The applicants Shri Lakshman Swamy, S/O Shri M.Viswanathan, 3/46 Merrkuthottam, Udumalpet, Tiruppur District, Tamil Nadu - 642 122,
- (ii) Shri Ramasamy & Shri Kandarmani S/O Shri Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalpet, Tiruppur District, Tamil Nadu - 642 122 - for information.
- (iii) The Team Leader, M/s Aarvee Associates Architects Engineers & Consultant Pvt Ltd.- for information.
- (iv) The Authorized Signatory, DPJ Pollachi HAM Projects Private Ltd. - for information.



NHAI-PIU-DGL	
PD	<input checked="" type="checkbox"/>
M(T)	<input checked="" type="checkbox"/>
LO	<input type="checkbox"/>
ACC	<input type="checkbox"/>
S1	S2
S3	S4

Letter No. AA/M-P/NHAI/2357/2024-25/2040  
Date: 21<sup>st</sup> December 2024

To,  
**The Project Director,**  
National Highways Authority of India,  
Project Implementation Unit,  
Chennamanayakkanpatti  
Dindigul – 624 004. Tamil Nadu

**Sub :** Independent Engineer Services for Four Laning of Madathukulam to Pollachi section of NH-209 (New NH-83) from Design Km. 74.380 to Km. 116.950 (Length = 50.078 km) under Bharatmala Pariyojana Phase-I under the category of Residual Works of NHDP on HAM in the State of Tamil Nadu – **Permission to lay the Underground water pipeline using 127mm Dia (5" Dia) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+869 on LHS on NH-209 (New NH-83) Along the ROW from Km 1+897 to Km 2+825 on LHS and across the road using 203.2mm Dia (8") MS Casing Pipe at Km 1+897 on Spur Road - II - Reg**

**Ref :** 1. Authority's Lr. No. NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/Private NOC/2478 dated 18.12.2024  
2. IE Letter No. AA/M-P/NHAI/2357/2023-24/1670 dated 30<sup>th</sup> January 2024  
3. Authority's Lr. No. NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/76 dated 11.01.2024  
4. Consultancy Agreement signed on 24.08.2020

Dear Sir,

This has reference to your letter no. 2478 (ref (1)) as cited above, wherein we are requested to inspect the site and submit the report/comments on revised Proposal submitted by the applicant with compliance report reg. Permission to lay the Underground water pipeline using 127mm Dia (5" Dia) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+869 on LHS on NH-209 (New NH-83) Along the ROW from Km 1+897 to Km 2+825 on LHS and across the road using 203.2mm Dia (8") MS Casing Pipe at Km 1+897 on Spur Road

In this regard, IE has checked and verified the revised Drawings & documents submitted by the applicant with reference to Ministry Guidelines vide F. No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 and our observations are as follows:

1. The Applicant has submitted proposal for seeking permission to lay Underground water pipeline using 5" Dia PVC Carrier pipe along the ROW edge from km 88+614 to Km 92+869 LHS, Km 1+897 to Km 2+825 LHS of Spur Road-II and road crossing at km 1+897 of Spur Road-II.
2. The Applicant has shown the laying of water supply pipeline of 5" Dia along the Highway by Open Trench Method and across the Project Highway is shown as HDD method in the enclosed plan as per the MoRTH Guidelines.



3. The proposed water supply pipeline will be laid at an offset of 28.5m from PCL (i.e. within the utility corridor) and depth of laying of water supply line is shown as 1.50m below the Sub-grade bottom which is as per MoRTH Guidelines.
4. Applicant has enclosed the copy of Agreement which is as per MoRTH Guidelines vide F. No. RW/NH-3044/29/2015/S&R(R) dated 22.11.2016.
5. Necessary Indemnity Bond, Draft License Agreement and Undertakings signed by the Applicant are enclosed.
6. Calculation of amount regarding Bank Guarantee to be submitted to Authority is also enclosed.

Thereby, the submitted proposal (with Report) by the Applicant, is in line with the MORT&H Guidelines vide F.No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 and found in order.

Hence, the proposal of Applicant lay the Underground water pipeline using 127mm Dia (5" Dia) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+869 on LHS on NH-209 (New NH-83) Along the ROW from Km 1+897 to Km 2+825 on LHS and across the road using 203.2mm Dia (8") MS Casing Pipe at Km 1+897 on Spur Road with the following conditions/precautionary measures:

- a. As 4-lane Project Highway is in O&M stage, hence the Applicant has to coordinate with the Concessionaire to avoid any damages to the works already completed/ in progress stage.
- b. The Pipe laying work involves damaging of ROW by way of excavation if any. Hence, ROW shall be restored to the original condition as per MORT&H Specifications, with their own cost.
- c. All Safety measures (like "work in progress", "Men at Work", "Go Slow" and "Diversion" signs, safety cones etc., if required) shall be provided, by the applicant during the execution of work.

This is for your kind information and necessary action.

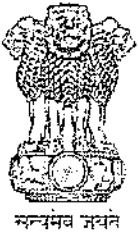
Thanking and assuring you of our best Services & Cooperation at all times.

**With best regards,**

**For Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.,**

  
**K.V. Narayana Reddy**  
Team Leader

**Copy to:** The Engineer, Aarvee Associates Architects Engineers & Consultants Pvt.Ltd., Hyderabad.  
The Authorized Signatory, DPJ Pollachi HAM Project Private Limited, Udumalaipet



**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 - डिंडिगल / Project Implementation Unit - Dindigul  
प्लॉट नं.1, ऐश्वर्यम हाइट्स, इंदिरा नगर, सेन्नामनाइकेनपट्टी (पो), थाडिकोम्बु रोड, डिंडिगल - 624 004  
Plot No.1, Aishwaryam Heights, Indira Nagar, Sennamanaickenpatti (P.O), Thadikombur Road, Dindigul - 624 004  
दूरभाष / Tele: +91-451 2904199 वेब / Web: www.nhai.org ई-मेल / E-mail: piudindigul@nhai.org, dindigulpiu@gmail.com



NHAI/PIU/DGL/11014/10/NOC/PKG-III/2024/Private NOC/2478

18.12.2024

To

The Team Leader,  
M/s Aarvee Associates Architects Engineers &  
Consultants Pvt. Ltd.,  
No.3/506D, Souparnika Layout,  
S.V. Puram,  
Udumalaipettai.

**Sub:** NHAI - PIU, Dindigul - Four Laning of Madathukulam to Pollachi section of NH-209 (New No. 83) from Design Km 74+380 to Km 116+950 (Total Design Length = 50.078 Km) under Bharatmala Pariyojana on HAM Mode in the State of Tamil Nadu - Proposal for getting Permission to lay the Underground Water Pipeline using 127mm Dia. (5" Dia.) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+869 on LHS on NH-209 (New NH No- 83) [Dindigul - Coimbatore Section] Along the ROW from Km 1+897 to Km 2+825 on LHS and across the road using Dia 203.2mm (8") MS Casing Pipe at Km 1+897 on Spur Road - II (NH-83 BYPASS) -Comments Requested-Reg.

**Ref:** UDU/LAK/WPL/ISH/ENGG/(NH-83)-07010 dated 09.12.2024(received on 10.12.2024)  
Sir,

Proposal for getting Permission to lay the Underground Water Pipeline using 127mm Dia. (5" Dia.) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+869 on LHS on NH-209 (New NH No- 83) [Dindigul - Coimbatore Section] Along the ROW from Km 1+897 to Km 2+825 on LHS and across the road using Dia 203.2mm (8") MS Casing Pipe at Km 1+897 on Spur Road - II Udumalpet Taluk, Tiruppur District in the State of Tamil Nadu. One set of Proposal submitted by the applicant is enclosed.

2) It is requested to Inspect the site and examine the proposal as per extant Guidelines and furnish the reply/comments preferably Within 7 days from the date of receipt of this letter.

Yours Sincerely,

  
(Sateesh Gandhamu)  
Project Director

Copy to: -

- Shri Ramasamy, Shri. Lakshmana swamy, Shri. Kandarmani.  
Authorized Signatory, M/s DPJ Pollachi HAM Project Pvt Ltd., Pollachi for information.

**PROPOSAL FOR GETTING PERMISSION TO LAY THE UNDER GROUND**

**WATER PIPE LINE ALONG THE ROW ON SPUR ROAD - II**

( USING Ø 127 mm (5") PVC PIPE FROM KM 1/887 TO KM 2/825 ON LHS.

**AND ACROSS THE ROAD AT Km 1/887 USING Ø 203.2 mm (8") GI PIPE AS CASING**

**AND Ø 127mm (5") PVC PIPE WATER SUPPLY PIPE LINE )**

**AND UNDER GROUND WATER PIPE LINE ALONG THE ROW**

**USING Ø 127 mm (5") PVC PIPE FROM KM 88/614 TO KM 92/914 ON LHS.**

**ON NATIONAL HIGHWAY – 209 (NEW NO NH – 83)**

**[DINDIGUL –COIMBATORE SECTION] TAMIL NADU STATE**

**SUBMITTED TO**



**THE PROJECT DIRECTOR,  
NATIONAL HIGHWAYS  
AUTHORITY OF INDIA,  
PIU – DINDIGUL,  
TAMIL NADU STATE.**

**APPLICANT**

*V. Lakshmana Swamy*

1. V.LAKSHMANA SWAMY,  
S/O. M. VISWANATHAN,  
3/46 MERRKUTHOTTAM,  
GANAPATHYPALAYAM,  
UDUMALAIPET,  
TIRUPPUR DISTRICT,  
TAMILNADU STATE.  
642122.

*T. Ramasamy*

2. T.RAMASAMY &

*T. Kandamani*

3. T.KANDARMANI

**S/O. THIRUMOORTHY,  
B3/D-105,VADAKKU THOTTAM,  
POOLANKINAR,  
UDUMALAIPET,  
TIRUPPUR DISTRICT,  
TAMILNADU STATE.  
642122.**

From

1. Shri Lakshman Swamy,  
S/O Shri M. Viswanathan,  
3/46 Merrkuthottam, Udumalpet,  
Tiruppur District, Tamilnadu – 642122.



To

The D.G.M. (Tech) & Project  
Director,  
National Highway Authority of  
India - PIU, Dindigul  
Tamil Nadu State.

2. Shri Ramasamy,

3. Shri Kandarmani, Mob: 9965665599  
S/O Shri Thirumoorthi,  
B3/D-105, Vadakku Thottam,  
Poolankinar, Udumalpet, Tiruppur Dt  
Tamilnadu – 642122.

NHAI-PIU-DGL	
PD	<input checked="" type="checkbox"/>
M(T)	<input checked="" type="checkbox"/>
LO	<input type="checkbox"/>
ACC	<input type="checkbox"/>
S1	S2
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11/12/2024

Sir,

**Sub: Compliance and resubmission of Proposal for getting the Permission to lay the underground water pipeline using 127mm Dia (5" Dia.) PVC Carrier Pipe along the ROW from Km 88+614 to Km 92+914 on LHS on NH-209 (New NH No. – 83) [Dindigul – Coimbatore Section] Along the ROW from Km 1+887 to Km 2+825 on LHS and across the road using dia. 203.2mm (8") MS Casing Pipe at Km 1+887 on Spur Road – II (NH-83 BYPASS) – Reg.**

Ref: (i) NHAI, PIU, Dindigul Lr. No. NHAI/PIU/DGL/11014/10/NOC/Pkg-III/2024/255  
Dated 05/02/2024.

(ii) Applicants Lr. No. UDU/LAK/WPL/ISH/ENGG/(NH-83)-07010 dated 10.01.2024.

We are hereby resubmitting our compliance with necessary drawings and documents for the proposal for getting the ROW Permission for laying of Underground Water Supply Pipeline along the NH by Open Trench Method & Across NH Sections of NH – 209 by HDD Method with our point wise explanations/Contentions as follows,

1. The HDD crossing is slightly shifting from 1+897 to the Km 1+887. Along the road ending point is slightly shifting from 92+869 to 92+914 The above changes are done due to the PGR report and present site condition.
2. We had removed the median opening at Km 90+243 to K Km 90+273, we had complied the CA and site condition, we had removed the median opening which is not available as per the CA and site condition..
3. The cross section of the drawings was corrected with the Kerb shyness with 0.5m and we had incorporated in the appropriate cross sections in the layout plans for your kind consideration.
4. In the cross sectional drawing for Road Crossing at Km 1+897, we had corrected the pipe dimensions in the layout drawings to 8" Dia. GI pipe as casing and 5" Dia. PVC pipe as water supply pipeline.

Continued....2

5. In the cross sectional drawing of SVUP approach from Km 90+490 to 91+280, the width of main carriageway from PCL to BT edge was corrected to 11.50m as per TCS 6A.
6. The location of the Box Culvert is at Km 1+857 in Spur Road – 2 was corrected in the layout plans and enclosed for your kind perusal.
7. We had enclosed the necessary plans viz., Damage Prevention Plan, Safety Plan, etc. as mentioned in Annexure – II of MoRTH Circular No. NH-36094/01/2022-S&R/(P&B) dated 17.04.2023 for the proposed crossing of Project Highway through HDD method.
8. We had incorporated all the necessary duly signed drawings and documents uploaded in the MoRTH online portal (20240106/1/5/9715/4320) and submitted (Date 09/12/2024) for your kind consideration.

As advised by you, we had made necessary compliance and resubmitted with necessary drawings and documents for your kind consideration. **We had ensured the fulfillment of all conditions prescribed in the MoRTH Circulars dated 22.11.2016 & 17.04.2023** and complied in the resubmission of proposal. We kindly request you to grant the ROW permission to lay the underground Water Pipe Line along the National Highway as mentioned above so that the work can be commenced.

An early action is requested please.

  
1. Shri LAKSHMAN SWAMY

  
2. Shri RAMASAMY

  
3. Shri KANDARMANI

Encl. As Above.

## Application Details [20240106/1/5/9715/4320]

Highway	NH83 [NH83]
Name of Highway Authority	
Highway Administration Address	
Whether the Fuel Station is part of Rest-area complex	No
Empanelled Consultant:	SS CADD & GRAPHICS Address: SHOP NO 3 SARAVANA COMPLEX 1ST FLOOR METTUPALAYAI ROAD R S PURAM COIMBATORE , COIMBATORE (TAMIL NADU), PIN: 641002 Phn: 9842273090 Email: sscaddmorth2017@gmail.com
On Behalf of Company:	1. Lakshmana Swamy, 2. Ramasamy & 3. Kandamani
Address:	1. Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District- 642122, Tamilnadu state 2. Ramasamy & 3. Kandamani S/O. Thirumoorthi, B3/D-105, Vadakku thottam, Poolankinar, Udumalaipet, Tiruppur District- 642122, Tamilnadu stat
Application Category	Public Utility
Utility	Pipes
State	TAMIL NADU
Type	New
Remarks	Underground Water Pipe line Using 127mm Dia. (5 Dia.) PVC Carrier Pipe Along The Row From Km 88/614 to Km 92/869 On LHS. on NH - 209 ( New no. NH -- 83 ) And Laying of Underground Water Pipe line Using 127mm Dia. (5 Dia.) PVC Carrier Pipe Along The ROW From Km 1/897 to Km 2/825 on LHS. And Across the Road Using Dia 203.2 mm (8) MS Casing Pipe at Km 1/897. on Spur Road – II (NH-83 Bypass)
Submitted On	09 Dec 2024 10:58:44

Details	
1. Length in Meters *	5238.00
2. Width of available ROW	
I. Left side from center line towards increasing chainage OR km direction *	30.0
II. Right side from center line towards increasing chainage OR km direction *	30.0
3. Proposal to lay the utility	
I. Left side from center line towards increasing chainage OR km direction *	28.50
II. Right side from center line towards increasing chainage OR km direction *	NA
4. Proposal to acquire the land	
I. Left side from center line *	NA
II. Right side from center line *	NA
5. Whether proposal is in the same side where land is not to be acquired *	No
If not then where to lay the cable *	NA
6. Details of already laid services if any along the proposed route *	Subsurface Utility Engineering Report Attached
7. Number of Existing lanes *	2 Lane
8. Proposed number of lanes *	4 Lane
9. Service road Exists *	Yes
10. Proposed Service road	
Left side from center line	NA
Right side from center line	NA

11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *	laying Under Ground water pipe along the ROW at an offset distance of 1.5m (space left for Drainage & other utility services) by open trench method as shown in the Drawings.
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *	NO
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. *	No
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. *	30.00
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. *	GI CASING PIPE

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. *	PULL BACK - HDD PROCESS
14. Whether the proposal satisfies the following:	
I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *	NA

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

NA

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. \*

NA

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. \*

NA

<b>15. Document/Drawings enclosed with the proposal *</b>	Yes
<b>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) *</b>	Yes Shown in the drawing.
<b>II. Cross section showing the size of pit and location of cable for HDD method *</b>	Yes
<b>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. *</b>	Yes, Enclosed
<b>IV. Methodology of laying of the Utility Pipeline/OFC *</b>	Along the ROW by Open Trench Method.
<b>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 *</b>	NA
<b>(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *</b>	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. \*

Will be followed as SOP

(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *	Will be followed
VI. Horizontal Directional Drilling (HDD) Method *	Yes
VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *	NA
16. Draft license Agreement signed by two witnesses. *	Yes, 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. *	Will be Followed
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *	Yes
I. Confirmation of BG has been obtained as per MoRTH guidelines *	No
18. Affidavit/Undertaking from the Applicant for following is to be furnished	
a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHA 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

19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *	1.V.LAKSHMANA SWAMY, S/O. M. VISWANATHAN, 3/46MERRKUTHOTTAM,GANAPATHYPALAYAM,UDUMALAIPET,TIRUPPUR DISTRICT,TAMILNADU STATE.642122. 2. T.RAMASAMY & 3. T.KANDARMANI S/O.THIRUMOORTHY,B3/D105,VADAKKUTHOTTAM,POOLANKINAR,UDUMALAIPET,TIRUPPL DISTRICT,TAMILNADU STATE.642122.
20. The Power of Attorney is in favour of authorized signatory? *	No


Locations						
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	TAMIL NADU	TIRUPPUR	NH83 [NH83] (0-125) From Km: 88.614 To Km: 92.869	Chainage Point: 88.614 Lat: 10.609 Lng: 77.233	Chainage Point: 92.914 Lat: 10.611 Lng: 77.194	View


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

Applicable Fee Details					
Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	453500.23	

**CHECK-LIST**

Minsitry's Guidelines Vide Circular No. RW/NH-33044/29/2015S&amp;R(R) dated 22.11.2016

S.NO	ITEM	Information /Status	Remarks
1	General Information	<p>To Laying of Underground Water Pipe Line Along The Row On Spur Road - II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Ø 203.2 Mm (8") Gi Pipe As Casing AND Ø 127mm (5") Pvc Pipe Water Supply Pipe Line</p> <p>And On National Highway - 209 NEW NO NH -83 Under ground water pipe line along the ROW Using Ø 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS.</p>	
1.1	Name and address of the applicant	<p>1.V.LAKSHMANA SWAMY, S/O. M. VISWANATHAN, 3/46MERRKUTHOTTAM,GANAPATHYPALAYA M,UDUMALAI PET,TIRUPPUR DISTRICT,TAMILNADU STATE.642122.</p> <p>2. T.RAMASAMY &amp; 3. T.KANDARMANI S/O.THIRUMOORTHY,B3/D105,VADAKKUTHOTTAM,POOLANKINAR,UDUMALAI PET,TIRUPPUR DISTRICT,TAMILNADU STATE.642122.</p>	
1.2	National Highway Number	On National Highway - 209 NEW NO NH - 83 [Dindigul - Coimbatore SECTION ]	
	 <b>DGM (T) &amp; PROJECT DIRECTOR NHAI, PIU, DINDIGUL.</b>	<p>1. V. Lakshmana Swamy</p> <p>2. T. Ramasamy &amp; T. Kandamani</p> <p>3. T. Kandamani</p>	




S.NO	ITEM	Information /Status	Remarks
1.3	State	Tamil Nadu	
1.4	Location	KURINJERI Village On National Highway – 209 NEW NO NH - 83 [Dindigul - Coimbatore SECTION ]	
1.5	(Chainage in KM)	On Spur Road – II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. On National Highway – 209 NEW NO NH -83 along the ROW Using Ø 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS.	
1.6	Total Length in Meters	Along the Road= 5238.00m ON LHS Across the Road= 58.5	
1.7	Width in Meters		
	a. Left side from center line towards increasing chainage/Km direction	30.00 m	
	b. Right side from center line towards increasing chainage/Km	30.00 m	
1.8	Proposal to lay the Under Ground Water Pipeline		
	Left side from center line towards increasing chainage/KM direction	28.5m	
	Right side form center line towards increasing chainage/km direction	NA	
1.9	Proposal to acquire land		
	Left side from the center line	NA	
	Right side from the center line	NA	
1.10	Whether proposal is in the same side where land is not be acquired. If not then, where to lay the pipeline	Not Applicable	 DGM(T) & PROJECT DIRECTOR NHAI, PIU, DINDIGUL.
1.11	Details of already laid service, if any, along the proposed route.	Subsurface Utility Engineering Report Attached	
1.12	Number of existing lanes. (2/4/6/8 lanes)	2 Lanes with Paved Shoulder 1. V. R. S.	
1.13	Proposed number of lanes (2 lane with paved /4/6/8	2 Lanes with Paved Shoulder 2. P. S. S. 3. S. S. S.	

S.NO	ITEM	Information /Status	Remarks
1.14	Service road existing or not if yes then which side	Yes	
	Left side from center line	As Shown in the Drawing.	
	Right side from center line	As Shown in the Drawing.	
1.15	Proposed service road		
	Left side from center line	NA	
	Right side from center line	NA	
1.16	Whether proposal to lay Under Ground Water Pipeline is after the service road or between the service road and main carriage way	laying Under Ground water pipe along the ROW at an offset distance of 1.5m (space left for Drainage & other utility services) by open trench method as shown in the Drawings.	
1.17	Whether carrying of sewage / Under Ground Water Pipeline has been proposed on Highway bridges. If yes, then mention the methodology proposed for the same.	No	
1.18	Whether carrying of sewage / Under Ground Water Pipeline has been proposed on the parapet/any part of the bridges. If yes, then mention the methodology proposed for the same.	No	
1.19	If crossing of the road involved If yes, It shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owing the line.	Yes	
	Whether existing drainage structures are allowed to carry sewage/ Under Ground Water Pipeline.	No	
	Is it on a line normal to NH	Yes	
	What is the distance of crossing the sewage / Under Ground Water Pipeline? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	More than 30m  1. V. [Signature] 2. [Signature] 3. [Signature]	

DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.

S.NO	ITEM	Information /Status	Remarks
	The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Mention type of casing	GI Casing Pipe	
	Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes.	
	The casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	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. Mention the proposed details.	Yes	
	Mention the methodology proposed for crossing of road for the proposed Sewage/Gas pipeline. Crossing shall be by boring method (HDD) (Trenchless Technology), specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	Pull Back – HDD Process	
	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 water way along it.	Yes	

  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

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S.NO	ITEM	Information /Status	Remarks
2	Document/ Drawings enclosed with the proposal	Yes	
2.1	<p>Cross section showing the size of trench for open trenching method (is it of normal size of 1.2m deep x 1m wide)</p> <p>Should not be greater than 60cm wider than the outer diameter of the pipe.</p> <p>Located as close to the extreme edge of the right of way as possible but not less than 15 meter from the center lines of the nearest carriage way.</p> <p>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. 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 road land.</p>	<p>Yes Shown in the drawing.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes 1.2m.</p>	
2.2	Cross section showing the size of pit at location of Under Ground Water Pipeline for HDD method	Yes, Enclosed	
2.3	Strip plan/ Route plan showing the pipe, chainage, width to ROW distance of proposed Under Ground Water Pipeline from the edge of ROW, importance mile stone interaction cross drainage works etc.	Yes, Enclosed	
2.4	Methodology for laying of Under Ground Water Pipeline	Open trenching method By Along The Road	





  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

1. V. [Signature]  
 2. [Signature]  
 3. [Signature]

S.NO	ITEM	Information /Status	Remarks
2.4.1	Open trenching method, (May be allowed in utility corridor only where pavement is neither cement concrete nr dense bituminous concrete type. If yes, methodology of refilling of trench	NA	
	The trench width should be at least 30 cm, but not more than 60 cm wider than the other outer diameter of the pipe	Yes	
	For filling of the trench, bedding shall to be a depth of not less than 30 cm. It shall consists of granular material, free of lumps, clods and cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Yes	
	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	
	The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and control 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 are ponding will not be permitted.	Yes	

  
DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.


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S.NO	ITEM	Information /Status	Remarks
	The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Yes	
	The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Will be followed as SOP	
	If required, diversions shall be constructed at the expense of agency owning the utility line.	Will be followed	
2.4.2	Horizontal Directional Drilling (HDD) method	NA	
2.4.3	Laying of Under Ground Water Pipeline through CD works and method of laying. In cases where the carrying of gas pipe line on the bridge becomes inescapable.	NA	
3	Draft license agreement signed by two witnesses	Yes, enclosed with proposal	
4	Performance Bank Guarantee in favour of NH has to be obtained @ Rs50/- per running meter (parallel to NH) and Rs. 1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the pipelines/ducts 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. No payment shall be payable by the NH to the licensee for clearing debris/loose earth.	An undertaking furnished  1. v.  2.  3. 	
	 DGM (T) & PROJECT DIRECTOR NHAI, PIU, DINDIGUL.		

S.NO	ITEM	Information /Status	Remarks
4.1	Performance BG as per above is to be obtained.	To be obtained	
4.2	Confirmation of BG has been obtained as per NH guidelines	To be obtained at the time of execution of Agreement.	
5	Affidavit / undertaking from the applicant for		
5.1	Not damage to then utility, if damaged then to pay the losses either to NH or to the concerned agency	Yes, Enclosed.	
5.2	Renewal of Bank Guarantee	Will be done if necessary	
5.3	Confirming all standard condition of NH or to the concerned agency	Yes, enclosed	
5.4	Shifting of Pipeline as and when required by NH at their own cost	Yes, enclosed	
5.5	Shifting due to 4 lanning widening of NH	Yes, enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed	
5.7	Traffic movement during laying of cable to be managed by the applicant	Yes, enclosed	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes	
5.9	Prior approval of the NH shall be obtained before undertaking any work of installation, shifting of repair or alteration to the underground utilities located in the NH right of ways.	Yes	
5.10	Expenditure, if any, incurred by NH for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Under Ground Water Pipeline will be borne by the agency owning the line.	Yes	



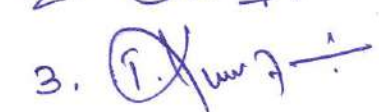
  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

1. V. P. ...  
 2. ...  
 3. ...

S.NO	ITEM	Information /Status	Remarks
5.11	If the NH considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeded 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format. Laying of Under Ground Water Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic. For 6-lanning "We do undertake that I will relocate service road / approach road/ utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NH for future 6-lanning or any other development"	Yes, Enclosed.	
6	Who will sign the agreement on behalf of Under Ground Water Pipeline agency	1.V.LAKSHMANA SWAMY, S/O. M. VISWANATHAN, 3/46MERRKUTHOTTAM,GA NAPATHYPALAYAM,UDUMA LAIPET,TIRUPPUR DISTRICT,TAMILNADU STATE.642122. 2. T.RAMASAMY & 3. T.KANDARMANI S/O.THIRUMOORTHY,B3/D1 05,VADAKKUTHOTTAM,POO LANKINAR,UDUMALAIPET,TI RUPPUR DISTRICT,TAMILNADU STATE.642122.	
7	Certificate from the project Director	Yes	
7.1	Certificate for confirming of all standard condition issued vide 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-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 & RW-NH/33024/29/2015/ S&R(R) dt. 22.11.2016	Enclosed   DGM (T) & PROJECT DIRECTOR NHAI, PIU, DINDIGUL.  1. V. Lakshmana Swamy 2. T. Ramasamy 3. T. Kandarmani	

S.NO	ITEM	Information/Status	Remarks
7.2	Certificate from PD in the following format	Yes	
	<p>"It is certified that any other location of the Under Ground Water Pipeline would be extremely difficult and unreasonable costly and the installation of pipeline within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc."</p> <p>For 4-laning</p> <p>Where feasibility is available do certify that there will be no hindrances to proposed for laning based on the feasibility report considering proposed structures at the said location.</p> <p>In case feasibility report is not available " I do certify that sufficient ROW is available at site for accommodating proposed 4 laning</p>	Yes	
8	<p>If NH section proposed to be taken up by NH on BOT basis- a clause is to be inserted in the agreement. "The permitted high way on which licensee has been granted the right to lay pipeline/cable/duct has also been granted as a to be inserted in the agreement "The permitted highway on which licensee has been granted the right to lay pipeline/cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [.....section from Km ..... to Km .....of NH No. .... On BOT basis] and therefore, the licensee shall honor the same"</p>	NA	

  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

1.   
 2.   
 3. 

S.NO	ITEM	Information /Status	Remarks
9	Who will supervise the work of laying of Under Ground Water Pipeline	Consultants and relevant field Officers of NH.	
	On behalf of the Applicant	1.V.LAKSHMANA SWAMY, S/O. M. VISWANATHAN, 3/46MERRKUTHOTTAM,GA NAPATHYPALAYAM,UDUM ALAIKET,TIRUPPUR DISTRICT,TAMILNADU STATE.642122. 2. T.RAMASAMY & 3. T.KANDARMANI S/O.THIRUMOORTHY,B3/D1 05,VADAKKUTHOTTAM,PO OLANKINAR,UDUMALAIKET, TIRUPPUR DISTRICT,TAMILNADU STATE.642122.	
	On behalf of NHAI	-----	
10	Who will ensure that the defects in road portion after laying of Under Ground Water Pipeline are corrected and if not corrected than what action will be taken.	----- National Highways Authority of India. BG will enclosed. Claim amount will be determined according to 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	The applicant should pay claims.	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed Performa (copy enclose).	Yes	
13.	If any previous approval is accorded for laying of pipeline/cable then photocopy of register of records of permission accorded as maintained by PD then copy be enclosed	Yes	

  
DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.

1. V. Lakshmana Swamy  
2. T. Ramasamy &  
3. T. Kandarmani

## CERIFICATE

1. Certified that proposal when implemented will not affect the design stability and traffic of NH 209 (Dindigul Coimbatore Section).
2. Certified that Laying of Under Ground Water Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
3. Certified that For 6-lanning "We do undertake that I will relocate service road / approach road/ utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NH for future 6-lanning or any other development"
4. Certified that proposal when implemented will not affect the future improvements such as improvements to geometrics etc.
5. Certified that any other locations other than new proposal will be difficult and Costly.
6. The proposal is as per the condition of ministry of Road Transport and Highways.
7. Certified that there is not any hindrance for the NHAI road and for future Development.
8. The site has been inspected by me and as curtained that the site condition takes with proposal.

Certified that the proposal for getting permission To Laying of Underground Water Pipe Line Along The Row On Spur Road - II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Ø 203.2 Mm (8") Gi Pipe As Casing AND Ø 127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using Ø 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On NATIONAL HIGHWAY - 209. (new no nh - 83)[dindigul -coimbatore section] tamil nadu state

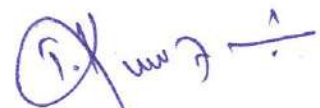
1. V.LAKSHMANA SWAMY



2. T.RAMASAMY



3. T.KANDARMANI



## CERTIFICATE

Certified that the Proposal For Getting the Right of Way Permission for To Laying of Underground Water Pipe Line Along The Row On Spur Road – II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Ø 203.2 Mm (8") Gi Pipe As Casing And Ø 127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using Ø 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On National Highway – 209 (new no nh – 83 - dindigul –coimbatore section] Tamil Nadu state In the Route plan, the width of the carriageway and Right of Way marked by the applicant is verified and correct. Certified that in the Route plan all the utility lines were marked by the applicant is verified and correct.

1. V.LAKSHMANA SWAMY



2. T.RAMASAMY



3. T.KANDARMANI



**The following standard operating procedures are maintained by laying the pipe line open trench and HDD method in road sections**

The guiding principles to be adopted for safety in construction zone are to:

- Providing with high visibility jackets with reflective tapes as most of viaduct /tunneling and station works or either above or under right-of-way. The conspicuity of workmen at all times shall be increased so as to protect from speeding vehicular traffic.
- Warn the road user clearly and sufficiently in advance.
- Providing safe and clearly marked lanes for guiding road users.
- Providing safe and clearly marked buffer and work zones
- Providing adequate measures that control driver behavior through project's operational zones.
- Provision for traffic diversion and selection of alternative routes for transport of equipment. If necessary, carry out road widening before commencement of works to accommodate the extra load
- Providing work zones shall include signs, delineators, barricades, cones, pylons, pavement markings and flashing lights.
- Providing regulatory signs impose legal restriction on all traffic. It is essential, therefore, that they are used only after consulting the local police and traffic authorities.
- Warning signs in the traffic control zone shall be utilised to warn the drivers of specific hazards that may be encountered.

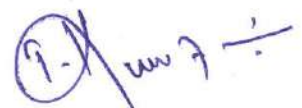
1. V.LAKSHMANA SWAMY



2. T.RAMASAMY



3. T.KANDARMANI



NH 83 BYPASS

SPUR ROAD - II

UDUMALAIPETTAI



PLAN SHOWING THE PROPOSED LAYING OF UNDER GROUND WATER PIPE LINE ALONG THE (ROW) USING Ø 127 mm (5") PVC PIPE FROM KM 1887 TO KM 2625 ON LHS AND ACROSS THE ROAD AT KM 1887 USING Ø 203.2 mm (8") GI PIPE AS CASING AND Ø 127 mm (5") PVC PIPE WATER SUPPLY PIPE LINE ON SPUR ROAD - II

PROPOSED UNDER GROUND WATER PIPE LENGTH ALONG THE SPUR ROAD LHS

1 PVC Ø 127mm WATER PIPE 918.00m

From Km 1887 to Km 2625

PROPOSED UNDER GROUND WATER PIPE LINE LENGTH OF ACROSS THE ROAD OF NH - 209 USING CASING PIPE LHS TO THIS LENGTH

GI 203.2 CASING PIPE 15.00m

REQUESTING APPLICANT

1. V. LAKSHMANA SWAMY

2. T. RAMASAMY

3. T. KANDARAM

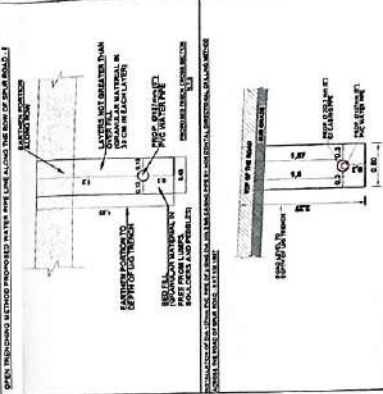
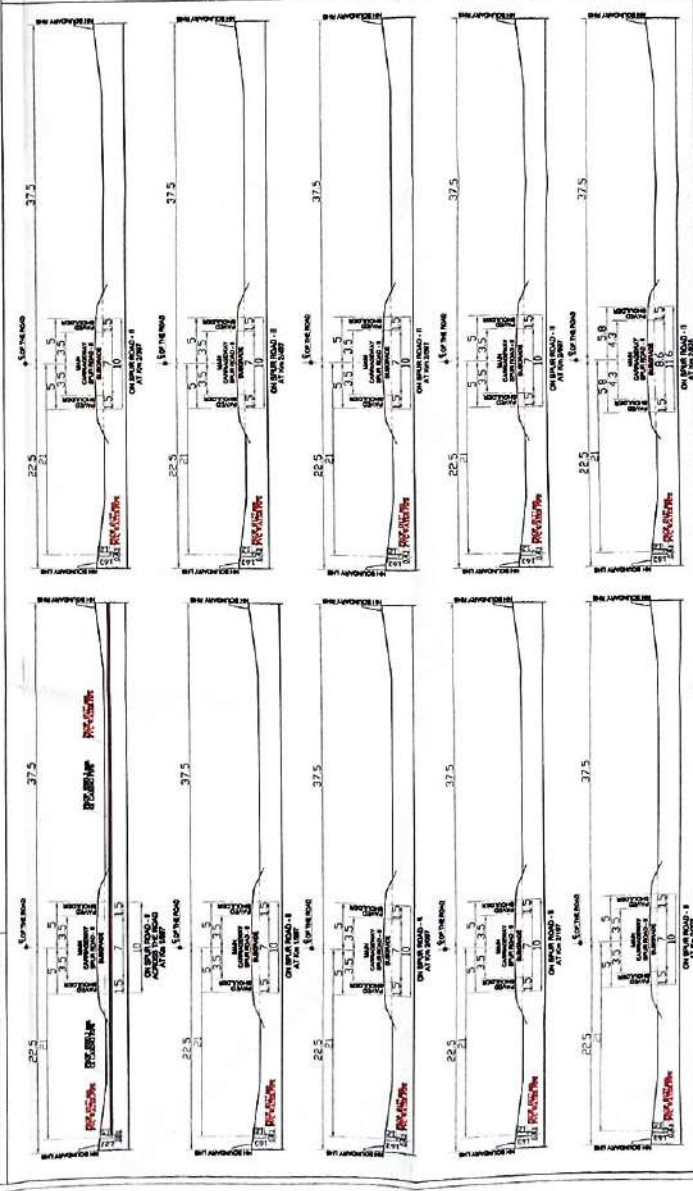
SO. M. VISWANATHAN, CHIEF ENGINEER, TAMIL NADU HIGHWAYS AUTHORITY, UDUMALAIPETTAI, TAMIL NADU STATE. 44322

TO THE PROJECT DIRECTOR, NATIONAL HIGHWAYS AUTHORITY OF INDIA, P.O. - DINDIGUL, TAMIL NADU STATE. 44322



LOCATION PLAN  
SCALE - 1:2000

- LEGEND
- 1. RIGHT OF WAY
  - 2. BT EDGE
  - 3. HT LINE - PAVED SHOULDER
  - 4. EARTHEN AND RCC DRAIN
  - 5. ROAD CENTERLINE
  - 6. PRO. PIPE LINE IN THIS SCALE PLAN



PROPOSED PIPE - 100 MM ON LHS STARTING OF PRO. LHS WATER PIPE LINE	LATITUDE AND LONGITUDE	REMARKS
NH - 209 AT KM 1887 ON LHS STARTING OF PRO. LHS WATER PIPE LINE	10° 40' 00" N 77° 20' 00" E	NEAR BOX CULVERT AT KM 1887 TO 200' FROM S. PART PIPE LINE
NH - 209 AT KM 2625 ON LHS - END OF PRO. LHS WATER PIPE LINE	10° 40' 00" N 77° 20' 00" E	NEAR BOX CULVERT AT KM 2625 ON LHS JUNCTION

CONSULTANT

S.S. CADD & GRAPHICS  
(Consultants for Preparation of Proposals for getting NH Projects sanctioned by Government of India)  
Shop No. 3, 1st Floor, Saravana Complex,  
Chembai - 641002 Email: ssadd@gmail.com  
CELL: 91 98422 73090, 82484 94527

DATE: 07/12/2024

DRAWN BY: B. PRAVEEN

CHECKED BY: T. SHAMEED

LOCATION PLAN SCALE: 1:2000

CROSS SECTION SCALE: 1:2000

3. STRONG CROSS SECTION

DRAWING NO. WIPURUDUDUMALAIPETTAI-18

SHEET NO. - 1

REQUESTING APPLICANT

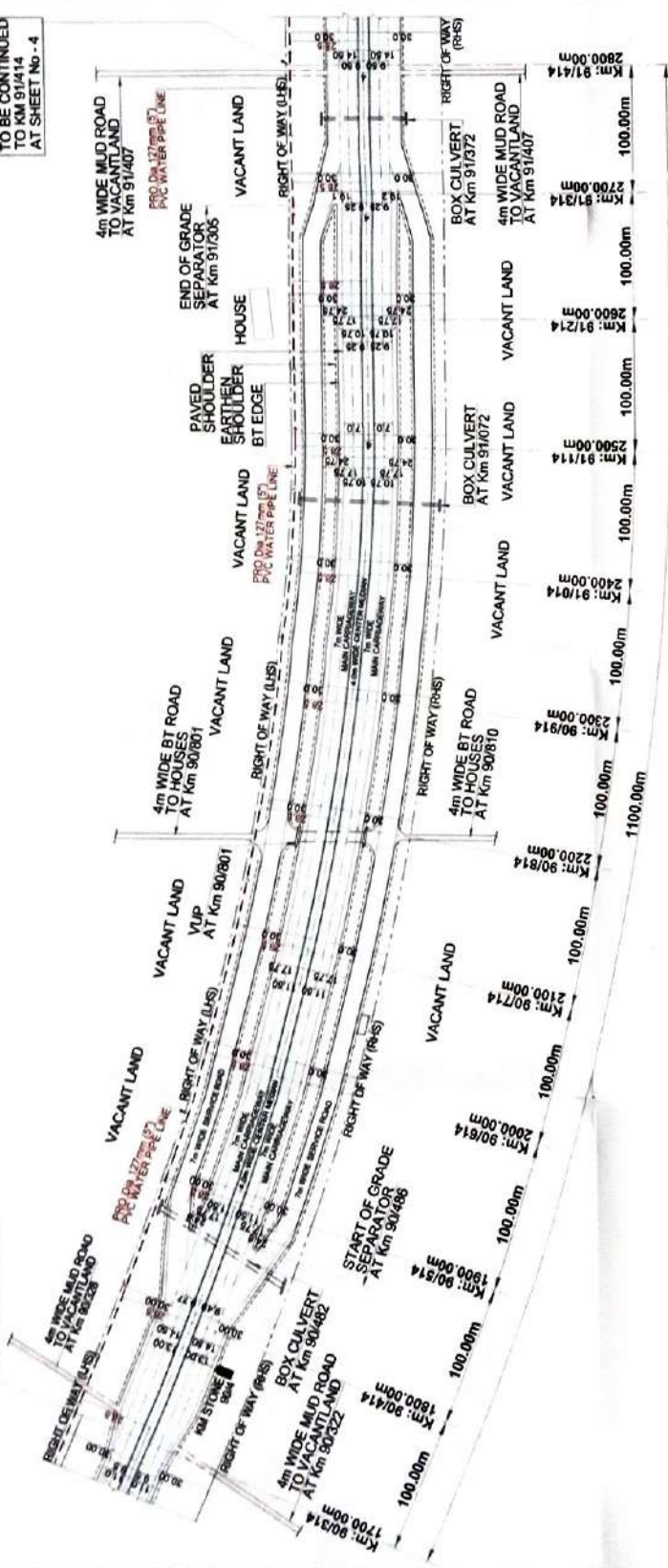
1. V. LAKSHMANA SWAMY

2. T. RAMASAMY

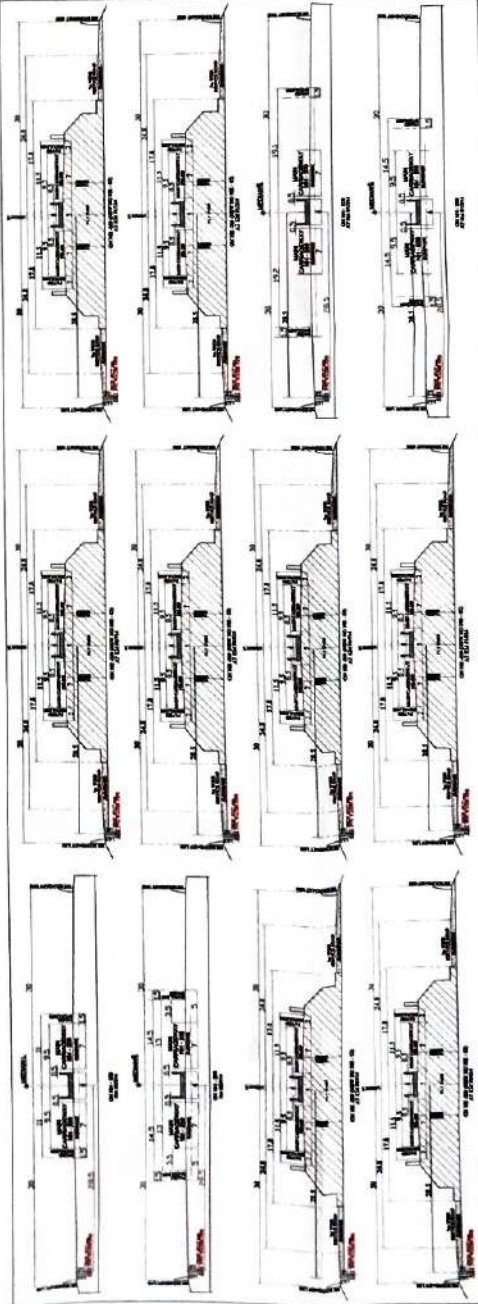
3. T. KANDARAM



IN CONTINUATION  
OF KM 90/314  
FROM SHEET NO. - 2



LOCATION PLAN  
SCALE - 1:2000



- ROUTE PLAN ROAD REFERENCES:
- 1. RIGHT OF WAY
  - 2. BT EDGE
  - 3. WT LINE / PAVED SHOULDER
  - 4. ROAD CENTER LINE
  - 5. PRO PIPE LINE IN ROUTE PLAN

OPEN TRENCHING METHOD AS PER NORMS.

1) THE TRENCH WIDTH SHOULD BE AT LEAST 50 CM BUT NOT MORE THAN 80 CM WIDER THAN THE OTHER OUTER DIAMETER OF THE PIPE.

2) FOR FILLING OF THE TRENCH BEDDING SHALL TO BE A DEPTH OF NOT LESS THAN 30 CM. IT SHALL CONSIST OF GRANULAR MATERIAL FREE OF LUMPS, CLODS AND COBBLES AND GRANDED TO YIELD OF NOT LESS THAN 95% IN THE BEARING VALUE.

3) UNSUITABLE SOIL AND ROCK EXPOSED SHOULD BE EXCAVATED AND REPLACED BY SELECTED MATERIAL.

NON-HORIZONTAL DIRECTIONAL DRILLING METHOD AS PER NORMS.

1) THE TOP OF THE CASING / CONDUIT PIPE SHOULD BE AT LEAST 1.2 METER BELOW THE SURFACE OF THE ROAD SUBJECT TO BEING AT AS 0.3M BELOW THE DRAIN INVERTS. MENTION THE PROPOSED DETAILS.

2) FOR FILLING OF THE TRENCH BEDDING SHALL TO BE A DEPTH OF NOT LESS THAN 30 CM. IT SHALL CONSIST OF GRANULAR MATERIAL FREE OF LUMPS, CLODS AND COBBLES AND GRANDED TO YIELD OF NOT LESS THAN 95% IN THE BEARING VALUE.

3) UNSUITABLE SOIL AND ROCK EXPOSED SHOULD BE EXCAVATED AND REPLACED BY SELECTED MATERIAL.

PROPOSED PIPE - INITIAL LATITUDE AND LONGITUDE	
PROPOSED PIPE - INITIAL LATITUDE	10 61 30.52, 77 17 19.19
PROPOSED PIPE - INITIAL LONGITUDE	10 61 32.01, 77 17 19.19
PROPOSED PIPE - FINAL LATITUDE	10 61 32.01, 77 17 19.19
PROPOSED PIPE - FINAL LONGITUDE	10 61 32.01, 77 17 19.19
PROPOSED PIPE - INITIAL ELEVATION	10 61 32.01, 77 17 19.19
PROPOSED PIPE - FINAL ELEVATION	10 61 32.01, 77 17 19.19
PROPOSED PIPE - INITIAL BORE	10 61 32.01, 77 17 19.19
PROPOSED PIPE - FINAL BORE	10 61 32.01, 77 17 19.19
PROPOSED PIPE - INITIAL DRAIN	10 61 32.01, 77 17 19.19
PROPOSED PIPE - FINAL DRAIN	10 61 32.01, 77 17 19.19
PROPOSED PIPE - INITIAL ROAD	10 61 32.01, 77 17 19.19
PROPOSED PIPE - FINAL ROAD	10 61 32.01, 77 17 19.19

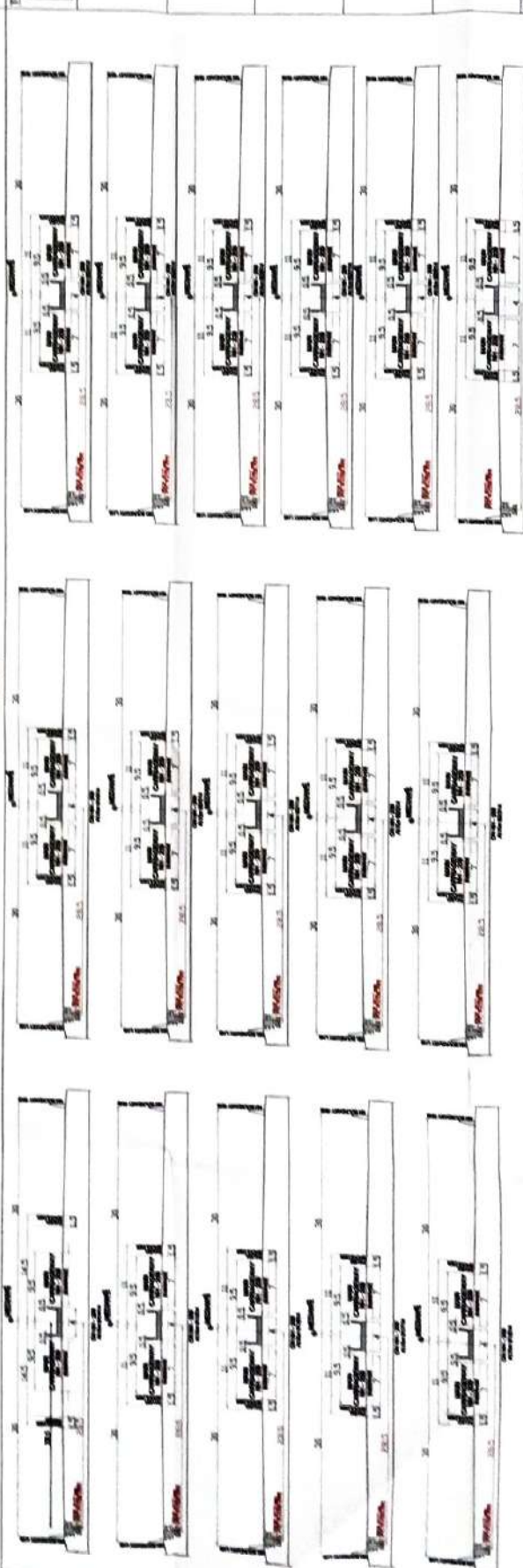
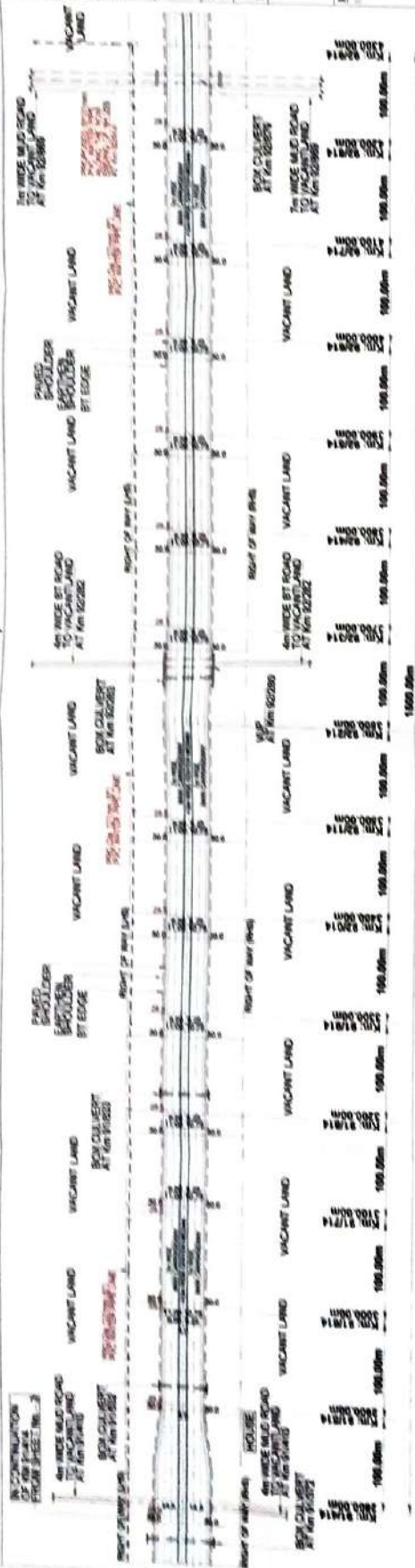
CONSULTANT

SS CAD & GRAPHICS

(Consultancy for Preparation of Proposals for getting NH 209 Bypass (New No. NH 83) sanctioned by the Government of India, P.W.D. Department, Tamil Nadu State)

Office No. 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 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## COMBATORRE



**THE PROJECT DIRECTOR,**  
NATIONAL HIGHWAYS AUTHORITY,  
OF INDIA, P.O. - CONCHILL,  
TAMIL NADU, STATE

LOCAL 111 & PROJECT 2000-11  
WAL. PUL. DISTRICT

**REFORM TESTING APPLICANT**

1. Lakshmana Swamy  
2. Ramasamy  
3. Pandarmani

CONSULTANT: B.S. CADD &amp; GRAPHICS

Consultants for Preparation of Proposals for Joint  
NH Access to the New England Seaport



Shop No. 3, 1st Floor, Saravana Complex,

**CAG**  
Contributors - 9411092 Email: [mcadd@igmail.com](mailto:mcadd@igmail.com)  
Cell: 91 94223 73000  
92000

DATE	TIME	LOCATION	WIND	WAVE	SEA	TEMP	WIND	WAVE	SEA	TEMP
1706	1800	1706	1800	1706	1800	1706	1800	1706	1800	1706

DATE	DRAWN BY	CHECKED BY
12/12/2004	B PRAVEEN	S HANGETI

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
10/1/01	DEPOSIT	100.00			
10/2/01	PAYROLL	50.00	101		
10/3/01	RENT	25.00	102		
10/4/01	UTILITIES	15.00	103		
10/5/01	FOOD	10.00	104		
10/6/01	TRANSPORT	20.00	105		
10/7/01	ENTERTAINMENT	12.00	106		
10/8/01	SALES	30.00	107		
10/9/01	INVENTORY	18.00	108		
10/10/01	RECEIPTS	22.00	109		
10/11/01	EXPENSES	14.00	110		
10/12/01	SALES	28.00	111		
10/13/01	INVENTORY	16.00	112		
10/14/01	RECEIPTS	24.00	113		
10/15/01	EXPENSES	13.00	114		
10/16/01	SALES	26.00	115		
10/17/01	INVENTORY	17.00	116		
10/18/01	RECEIPTS	21.00	117		
10/19/01	EXPENSES	11.00	118		
10/20/01	SALES	29.00	119		
10/21/01	INVENTORY	19.00	120		
10/22/01	RECEIPTS	23.00	121		
10/23/01	EXPENSES	12.00	122		
10/24/01	SALES	27.00	123		
10/25/01	INVENTORY	18.00	124		
10/26/01	RECEIPTS	25.00	125		
10/27/01	EXPENSES	14.00	126		
10/28/01	SALES	31.00	127		
10/29/01	INVENTORY	20.00	128		
10/30/01	RECEIPTS	26.00	129		
10/31/01	EXPENSES	15.00	130		
10/31/01	TOTAL	1000.00			

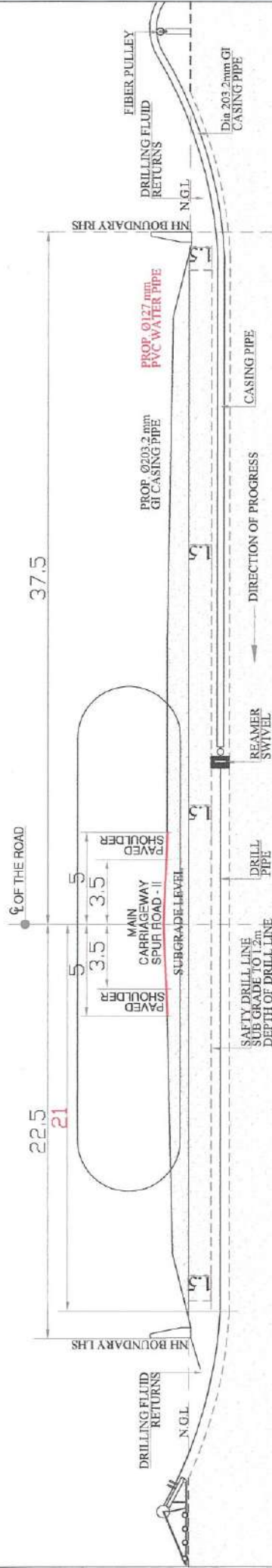
SCALE

3 TRANCH CROSS SECTION

DRAWING NO. WFLKURUDUJLAKN4-80	SHEET NO.
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# **PULL BACK - HDD PROCESS ACROSS THE ROAD Km 1/887 USING Ø 203.2 mm (8") GI PIPE AS CASING AND Ø 127 mm (5") PVC PIPE WATER SUPPLY PIPE LINE ON SPUR ROAD - II**



## **PULL BACK HDD PROCESS**

AFTER THE HOLE IS ENLARGED, THE PRODUCT PIPE CAN BE PULLED THROUGH A FULL BACK. A REAMER IS ATTACHED TO THE DRILL STRING AND THEN CONNECTED TO THE DRILL HEAD TO PULL THE PIPE THROUGH A ROTARY MOTION.

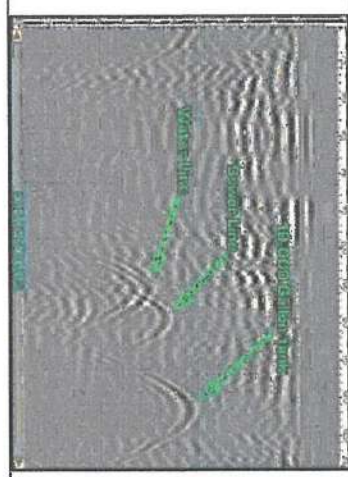
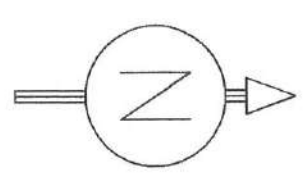
1. HDD DRILLER MACHINE LHS ROW OUTSIDE IS PRIVATE SAPACE AND (ROW TO 1.5m) UTILITY SPACE. PRE PLANNED
2. FROM THE LHS ROW THE WORK OF DRILLING (THE LOWER PART 1.2m IN ROW OFFSET 1.5m) STARTS
3. SUBGRADE LEVEL TO 1.2m ( STRAIGHT LINE METHOD DRILLING PROCESS)
4. TO THE RHS ROW THE WORK OF DRILLING (THE LOWER PART 1.2m IN ROW OFFSET 1.5m) ENDS
5. THE DRILLING PIPE CONNECT AT MS CASING PIPE ON RHS SIDE
6. LHS SIDE MACHINE PULLBACK MS CASING PIPE REACHED.
7. USING MS CASING INSERT OF 300mm DI & 400mm DI CARRIER PIPE

*V. Lakshmana Swamy*

*T. Ramasamy*

1. V.LAKSHMANA SWAMY 2. T.RAMASAMY 3. TKANDARAMANI

# SUBSURFACE UTILITY ENGINEERING REPORT (SUE) KEY MAP

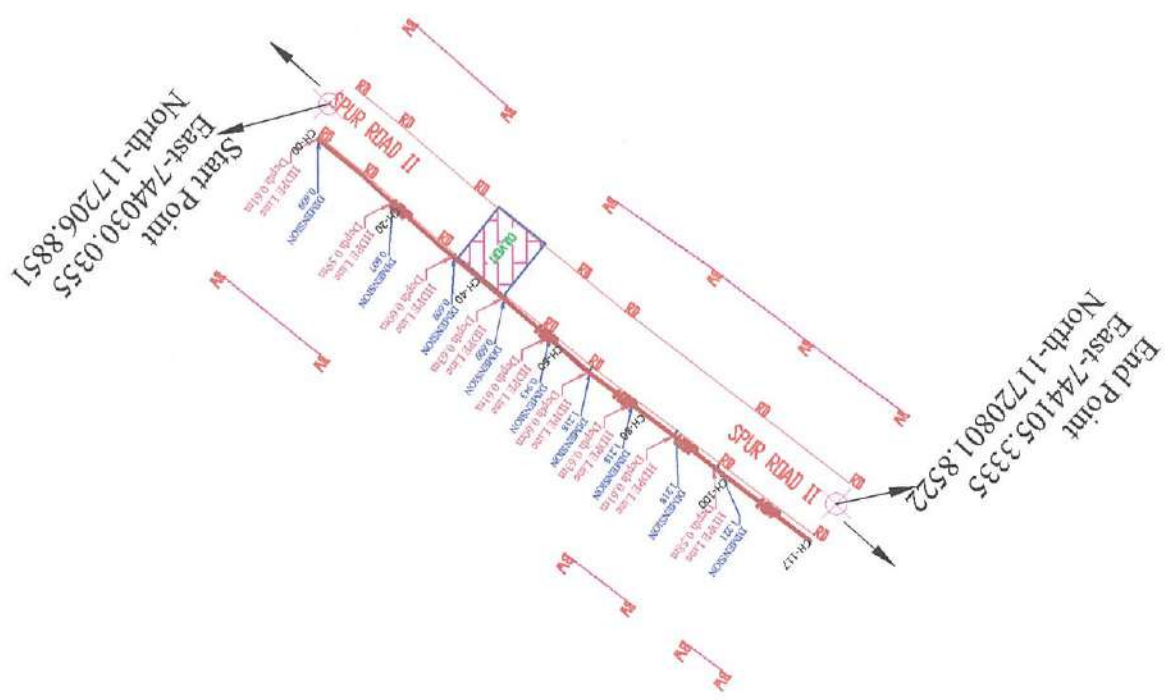


**PROJECT:**  
Proposal for Getting  
Permission to lay  
Underground Water  
Pipeline across the road  
using casing pipe at Km  
1+ 897 on Spur Road II

**REQUESTING APPLICANT:**

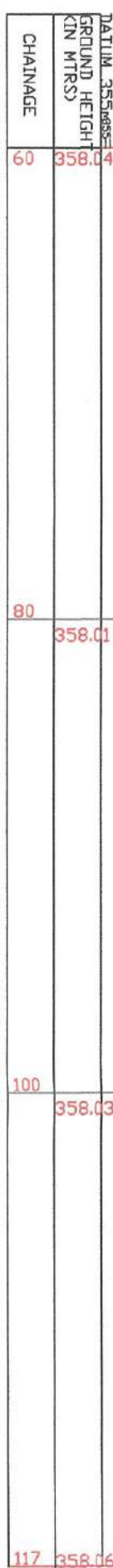
1. **V.LAKSHMANA SWAMY,**  
S/D M. VISWANATHAN,  
3/46MERKUTHOTTAM,  
GANAPATHYPALAYAM,  
UDUMALAIPET,  
TIRUPPUR DISTRICT,  
TAMILNADU STATE,  
642122.
2. **T.RAMASAMY,**  
S/D THIRUMODURTHI,  
B3/D-105, VADAKKU  
THOTTAM,  
UDUMALAIPET,  
TIRUPPUR DISTRICT,  
TAMILNADU STATE,  
642122.
3. **T.KANDARAMANI,**












**TO:**  
THE PROJECT DIRECTOR,  
NATIONAL HIGHWAYS  
AUTHORITY OF INDIA,  
PIU-DINDIGUL,  
TAMILNADU STATE.



Seal  
Authorised  
Signatory





	Unlites Water
	Unlites Sewer
	Unlites Electrical
	Unlites Television
	Unlites Gas
	Unlites Oil
	Police Station
	Airport
	Hospital
	College / University
	School

UC	Utilities Others	★	Hotel
M	Utilities Metallic	☼	Petrol Bunk
Recommended Safe Path		☼	Theatre
Survey Contour		W	Water Body
Road Edge		Bus	Bus Stand
Footpath Edge		Tree	Tree
Bridge / Culvert		Row of Trees	Row of Trees
Transformer		Brush	Brush
Electrical Pole		Cabinet	Cabinet
Telephone Pole		Well / Bore	Well / Bore
Traffic Signal Pole		Canal Road	Canal Road
Street Light Pole		Canal Dyke/Lane	Canal Dyke/Lane
HT Tower		Gate	Gate
Telecom Tower (Others)		Kilometer Stone	Kilometer Stone
Industry		Munho	Munho
Temple		W	Water Chamber
Church		G	Gas Chamber
Mosque		S	Sewer Chamber
Road under Rly. Bridge		O	Oil Chamber
Telecom Junction Box		M	Man Valve
Electric Junction Box		Oil	Oil Marker
Electronic Route Marker		Gas	Gas Marker
Route Marker		Jic	Jic Chamber
Miscellaneous Block		V	Vodafone Idea Chamber
Railway Crossing		A	Airtel Chamber
Railway Station		B	BSNL/MTNL Chamber

NOTES: - D: Depth to top of the unit in meters from GL

Electric Pole & Light Pole Numbers are shown. When  
 All Unconform Line are Draped At Quality Level 'B'.  
 All Electric Line Draped At Quality Level 'B'.  
 All Water Line Draped At Quality Level 'B&D'.  
 All Telecom Line Draped At Quality Level 'A&B'.  
 All Metal Line Draped At Quality Level 'B'.  
 All Sewer Line Draped At Quality Level 'A&D'.

**DISCLAIMER -** The Findings Presented In This Report Are Based On The Site Exercise Conducted By 000000. According To Standards Set For Field Surveys And By Experienced Personnel However, Due To Inherent Limitations Of The Indirect Technique, We Are Not Able To Guarantee That The Indirect Technique, Equipment Or Personnel Are Responsible For Any Damage To The Utilities, Equipment Or Manpower Airing Out Of Such Discrepancies.

PLAN SCALE :-	H/V=1:200	SHEET SIZE :- A3
L-SECTION	H=1:200	SECTION LENGTH :- 40m

SCALE :-	V=1:100	SECTION LENGTH :-	40mm
RING NAME :-XXXXXXXXXXXXXXXXXXXXXXXXXXXX			

LOCATION :-	Start Location	End Location
-------------	----------------	--------------

SURVEY BY :-	CLUSTER / AREA :-
SIDE OF THE ROAD : LHS	

 **LAND COORDINATES TECHNOLOGY**  
NO.6, PARASAKTHI NAGER,1st MAIN R  
CAMP ROAD, SELAIYUR, CHENNAI.

Mobile No- 9841804241, 9524966396

$\Delta$	Re-issued for Construction	PGR	PYR	KSD	CH
$\Delta$	Issued for Construction	PGR	PYR	KSD	CH

REV.	DATE	REVISION	BY	CHECK	APP. BY	PER.
------	------	----------	----	-------	---------	------

SURVEY DATE :	30-11-2024	SUBMISSION DATE :	03-11-2024
DRAWN : CAN	CHECKED BY : VC	APPROVED BY :	

PROJECT TITLE: SUB SURFACE UTILITY ENGINEERING SURVEY

CHAINAGE : 0060M TO 0117M		
PROJECT TYPE :-	DRAWING No.	REV. SHI

HDD	SUE	SURVEY	LCT_GPR_0119	00	
-----	-----	--------	--------------	----	--

17	02	01
----	----	----



Requesting Applicant:

1. V. LAKSHMANA SWAMY.
2. T. RAMASAMY.
3. T. KANDARAMANI.

To:

**THE PROJECT DIRECTOR,**  
NATIONAL HIGHWAYS AUTHORITY OF INDIA, PIU-DINDIGUL,  
TAMILNADU STATE.

**GPR Survey Report**

Proposal for Getting Permission to lay Underground Water Pipeline across the road  
using casing pipe at Km 1+ 897 on Spur Road II

**GPR (Ground Penetrating Radar) Report**

REPORT NO.LCT\_GPR\_0119

**Document History**

Date	Document Title	Issue	Revision	Authors
03-12-2024	GPR Survey Report	0	Rev.0	Land Coordinates Technology



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Camp Road, Selaiyur, Chennai-600073.  
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Certificate No: QVA-LLHV-23-1519989



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impulse  
RADAR

GEOMATE

## Table of Contents

- Introduction
- Objective
- Area of Interest
- Instrument Used
- Specification of GPR
- GPR Survey
- Software Used
- Accuracy
- Photo Gallery
- Conclusion



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## Introduction

This report details the results of a Ground Penetrating Radar (GPR) survey conducted for the Proposal for Getting Permission to lay Underground Water Pipeline across the road using casing pipe at Km 1+ 897 on Spur Road II, Tamil Nadu. The GPR survey was carried out on November 30, 2024, and is a critical part of the pre-construction assessment to ensure the safe and efficient installation of the water line infrastructure.

## Objective

The primary objective of the GPR survey was to detect and map the underground utilities and infrastructure present at the site. The data collected aims to provide a comprehensive understanding of the subsurface conditions, including the locations and extents of various utility lines such as electrical cables, optical fiber cables, water lines, and other uncategorized utilities.

## Area of Interest



*Aol representation on Google Earth*

**Coordinate System:** The coordinate system followed in the project is UTM coordinates WGS 84- system, and Plant coordinate system. However, during the traverse survey, the survey is executed considering the UTM coordinates WGS 84- system and tied to IGS.



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GST: 33CRFP6592L1Z5  
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Certificate No: QVA-LLHV-23-1519989



## Instruments Used

The instruments used in carrying out the survey are as follows:

- GPR (Impulse Radar)
- Electronic Pipe Locator
- Rodometer

Before the commencement of work, every instrument was calibrated by the experts and the same was used during the survey. The Specifications and Calibration certificates of the instruments are given here for the following instrument:



*GPR Instrument used for the project.*



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Reg Off: No.329, South Street,  
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Branch: Kerala

GST: 33CRFP6592L1Z5

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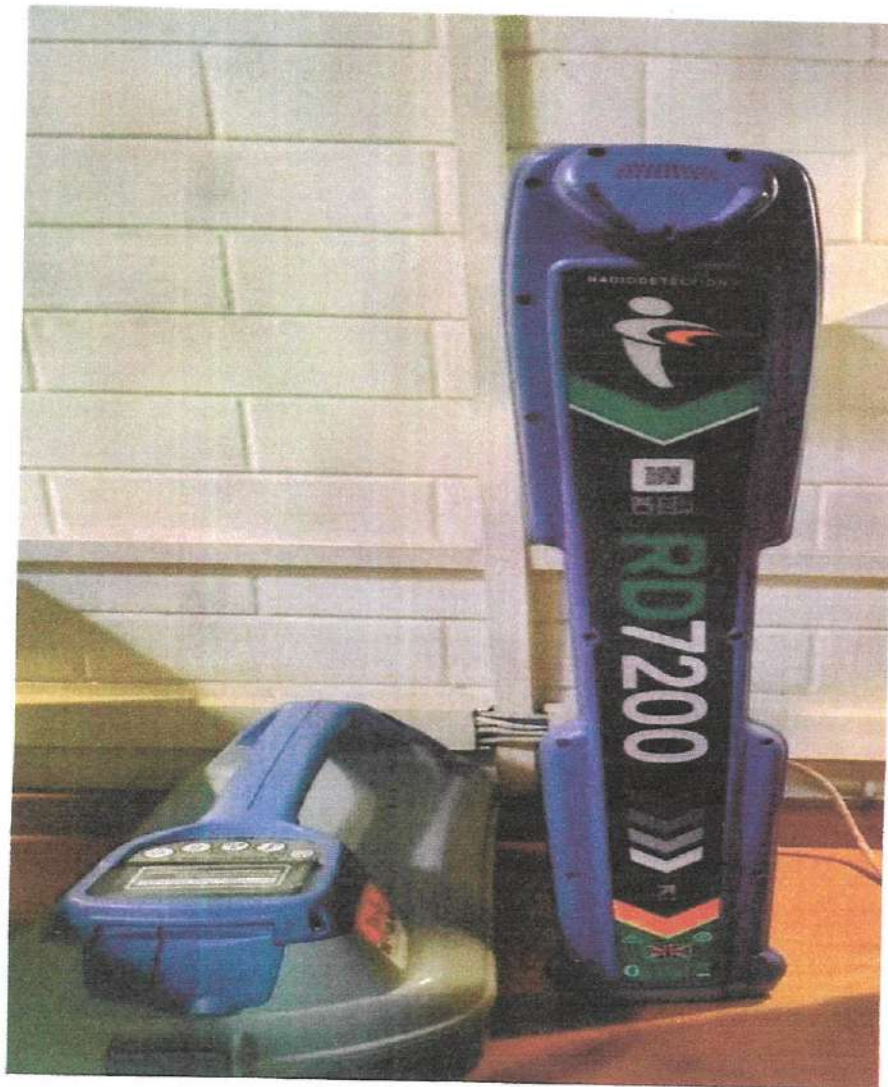
Certificate No: QVA-LLHV-23-1519989



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Locator used for the project

## Specification of GPR



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Branch: Kerala

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Certificate No: QVA-LLHV-23-2518000



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impulse  
RADAR  
GEOMATE

## MALÅ EL Pro WideRange HDR Controller

Processor	Intel Core i7-4700M
Display	15.6" HD (1920 x 1080) IPS, 16:9
Operating system	Windows 8.1 Pro
Memory	8GB DDR3 (4GB x 2)
Data output resolution	1080p (1920 x 1080)
Connectivity	Wi-Fi, Bluetooth, USB, Ethernet
GPS	Real-time kinematic (RTK) GPS
Power supply	12V 5A power supply
Operating time	4-6 hours
Power consumption	15W
Dimensions	1.2m x 0.6m x 0.8m
Weight	15kg
Operating temp	0°C to 40°C
Environmental	IP65



## MALÅ EL Pro WideRange Antenna

Technology	MALÅ HDR Technology
Effective bandwidth	80-900 MHz
SNR	> 20 dB
Significant/useful number of bits	10 bits
Scans/second	1000
Operating time	10-15 hours
Positioning	Real-time kinematic (RTK) GPS, external GPS, wheel encoder
Power supply	12V 5A power supply
Power consumption	15W
Acq. Mode	Manual
Dimensions	1.2m x 0.6m x 0.8m
Weight	15kg
Operating temp	0°C to 40°C
Environmental	IP65

## MALÅ EL Pro Cart Mk2

Dimensions, folded for transport	1.2m x 0.6m x 0.8m
Dimensions, when in use	1.2m x 0.6m x 0.8m
Weight	15kg
Battery compartment	12V 5A power supply

## Specification of GPR

## GPR Survey

Office: No.6, Parasakthi Nagar 1st Main Road,  
Camp Road, Selaiyur, Chennai-600073.  
Reg Off: No.329, South Street,  
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Certificate No: QVA-LLHV-23-1



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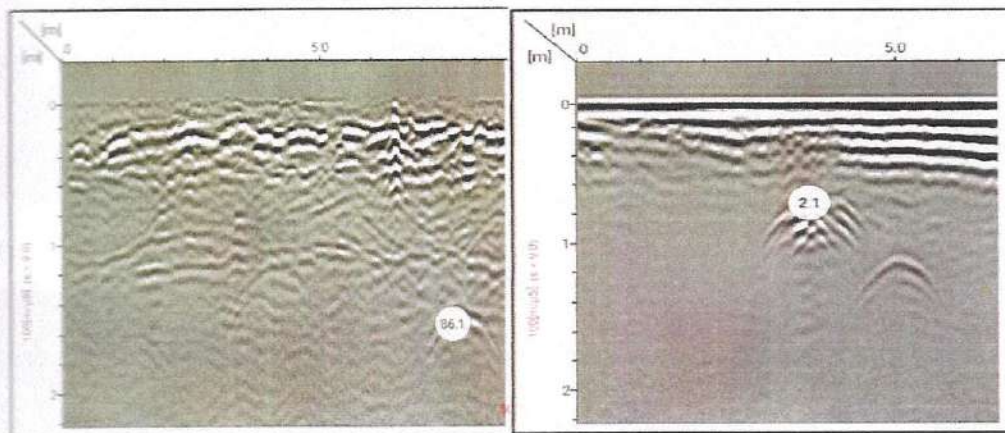
impulse  
RADAR  
GEMATE

The GPR survey starts with Grid marking. Survey grid was marked as per the requirement on the field. For detecting horizontal utility, the spacing between each grid was kept at 20mtr. For cross utilities survey length not more than 200 meters.

The penetration depth of GPR signal depends primarily on two factors:

- Conductivity of soil
- Frequency of antenna

Based on standard equations for propagation of EM waves (skin depth), signal attenuates fast when the ground is conductive, hence reducing the penetration depth of GPR signal. The stratification and top surface also become important in estimating the penetration depth. High contrast interfaces reflect significant amount of energy, hence reducing effective depth of penetration. The moisture level in topsoil is mainly responsible for conductivity and should be carefully considered before embarking on a detailed GPR investigation plan. The other factor that controls penetration is frequency of EM signal used for GPR survey. Low frequency EM waves travel to greater depths than high frequency EM waves. The resolution however is lesser in case of low frequency waves. The frequency used is also of importance since the resolution of the system and the rate of signal attenuation is proportional to the frequency of the GPR system.



Office: No.6, Parasakthi Nagar 1st Main Road,  
Camp Road, Selayur, Chennai-600073.

Reg Off: No.329, South Street,  
Vilandai, Ariyalur, Tamilnadu-621801

Branch: Kerala

GST: 33CRFP6592L1Z5

PAN&IEC: CRFP6592L

Mobile: 9841804241 / 9524966396

Email: [lctsalesservices@gmail.com](mailto:lctsalesservices@gmail.com)

[lctsurveyins@gmail.com](mailto:lctsurveyins@gmail.com)

[landcts@gmail.com](mailto:landcts@gmail.com)

Web: [www.lctss.in](http://www.lctss.in)



Certificate No: QVA-LLHV-23-1519989



## LAND COORDINATES TECHNOLOGY

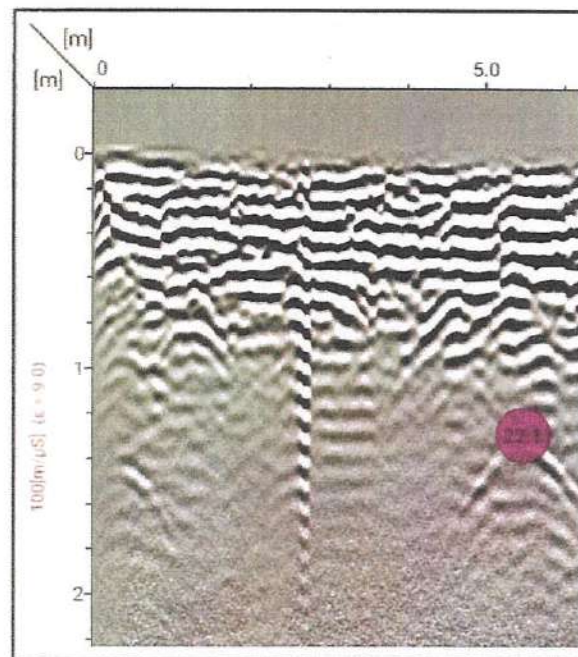
GEOSPATIAL TRAINING / PROJECTS / SALES & SERVICES

An ISO 9001:2015 Certified Company



impulse RADAR

GEOMATE



GPR Reading at the site.

### Software Used

List of Software used for GPR Data processing:

1. MALA Vision

List of Software used for GPR drawing preparation:

1. Auto CAD

### Accuracy

The accuracy of the collected data depends on many factors. Usually, the instrument's accuracy is usually between 60 to 80 percent as per the specifications in all scenarios. The climatic conditions, instruments specification and human error factors, all play a role in accuracy.

### Final Drawing

- GPR drawing in UTM coordinate system



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PAN&IEC: CRFP6592L

Mobile: 9841804241 / 9524966396

Email: lctsalesservices@gmail.com

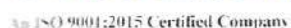
lctsurveyins@gmail.com

landcts@gmail.com

Web: www.lctss.in



Certificate No: QVA-LLHV-23-1519989



Certificate No: QVA-LLHV-23-1519989



# LAND COORDINATES TECHNOLOGY

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## Conclusion

The underground utility survey was conducted successfully as per the scope and specifications required by the client. The only underground feature present at the project site, HDPE lines, was successfully identified and mapped using the GPR survey.

Based on the findings of the underground utility survey utilizing Ground Penetrating Radar (GPR), the following conclusions can be drawn:

1. HDPE lines were identified, spanning 120 meters. The presence of these pipes indicates a well-developed communication network in the surveyed region. HDPE ducts are typically used for the installation of local and long-distance telephone networks, cable television transmissions, information transfer networks, and other similar utilities.

In conclusion, the Underground Utility survey, utilizing GPR technology, has provided valuable insights into the presence and distribution of various underground utilities in the surveyed area. The total area covered by the survey was 120 Meters. The findings underscore the importance of these utilities in facilitating essential services and infrastructure. This information can be utilized for maintenance, planning, and future development purposes, ensuring the effective and efficient functioning of the surveyed region's underground utility networks.



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Camp Road, Selaiyur, Chennai-600073.

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Branch: Kerala

EST: 33CRFPP6592L1Z5

PAN&IEC: CRFPP6592L

Mobile: 9841804241 / 9524966396

Email: lctsalesservices@gmail.com

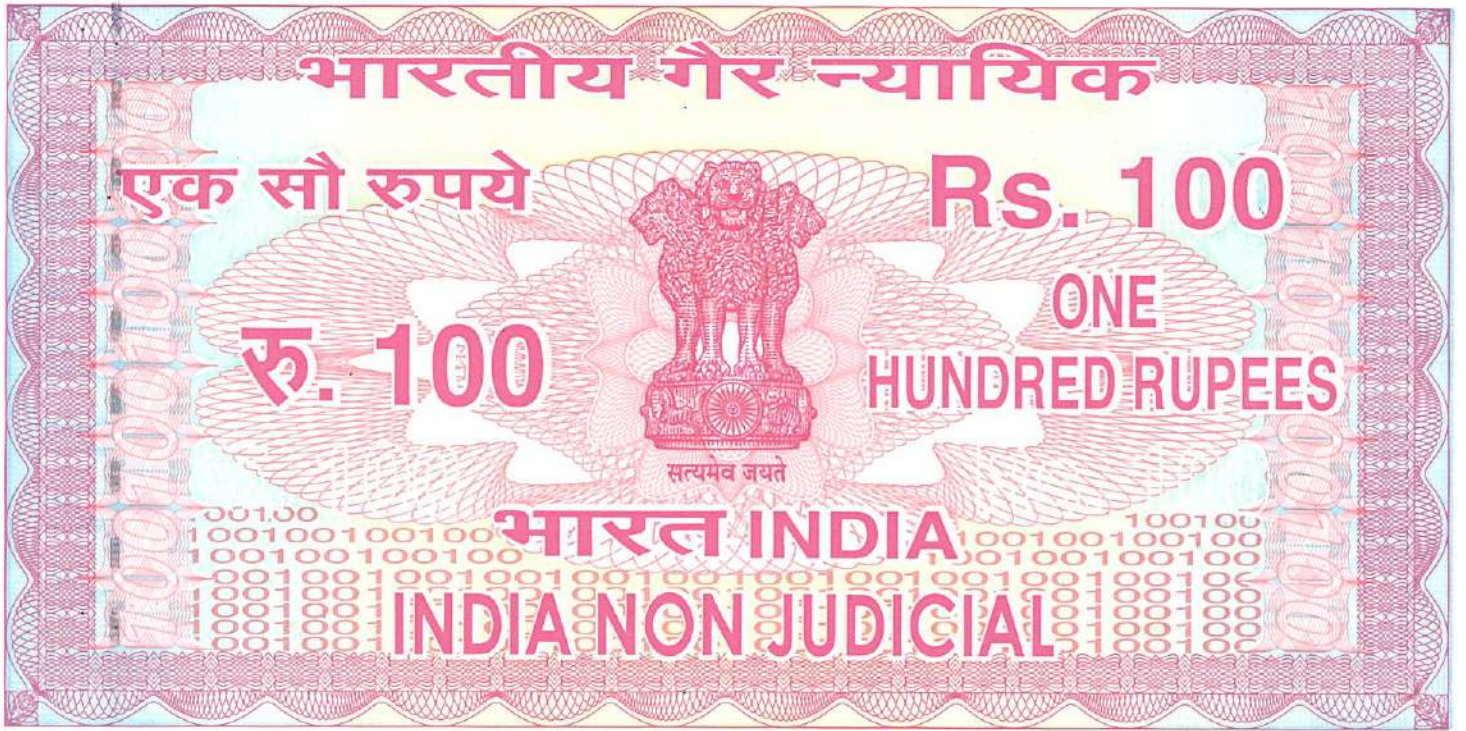
lctsurveyins@gmail.com

landcts@gmail.com

Web: www.lctss.in



Certificate No: QVA-LLHV-23-1519989



தமிழ்நாடு தமில்நாடு TAMILNADU

DU 852649

*B. Meenakshi*  
B. MEENAKSHI  
STAMP VENDOR  
DISTRICT REGISTRAR OFFICE CAMPUS,  
(PARTY SHED)  
COIMBATORE, TAMIL NADU,  
K. Dis.No. 11799 / B1 / 2016

*V. Lakshmana Swamy*  
cbe.

### INDEMNITY BOND

Name of the Work: Permission To Laying of Underground Water Pipe Line Along The Row On Spur Road – II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Ø 203.2 Mm (8") Gi Pipe As Casing AND Ø 127mm (5") Pvc Pipe Water Supply Pipe Line and Under Ground water pipe line along the ROW Using Ø 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On National Highway – 209 (new no nh – 83)[Dindigul –Coimbatore Section] Tamil Nadu State.

**Indemnity Against all damages and Claims as per Sl.Nos. 5.6 of Checklist.**

We V.Lakshmana swamy, s/o. M. Viswanathan, 3/46 merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani s/o. Thirumoorthi, b3/d-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu state. 642122. do hereby Indemnify The Regional Officer, National Highways Authority Of India binding Ourselves to Pay all the Losses and claims in respect of To Laying of Underground Water Pipe Line Along The Row On Spur Road – II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Ø

*2. V. Lakshmana Swamy* *2. T. Ramasamy* *3. T. Kandarmani*

203.2 Mm (8") Gi Pipe As Casing AND Ø 127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using Ø 127 mm (5") PVC pipe from km 88/614 to km 92/914 on LHS. On National Highway - 209 [New no NH - 83 - Dindigul -Coimbatore Section] Tamil Nadu State . For a Total Length of Laying 5296.5 m maintenance thereof and against all claims, Proceedings, Damages, Costs, Charges and Expenses Whatsoever in Respect thereof in Relation there to Failing Such payments of Claims in the above work we abide in accepting for Recovery of such claims affected any of our Assets.

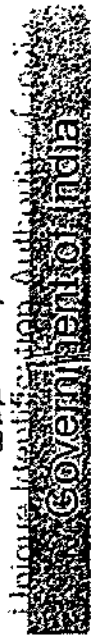
1. V. 

2. 

3. 



இந்திய அரசாங்கம்



பதிவு அடையாளம் / Enrollment No.: 2001/14129/01557

To  
வி லட்சுமண சாமி  
V Lakshmana Swamy  
S/O: M Viewanathan  
NO 8/14 Narasimmanaicken Palayam  
Union Road  
Coimbatore North  
Narasimmanaickenpalayam  
Coimbatore North Coimbatore  
Tamil Nadu 641031  
9360388044



MN293141882FT



உங்கள் ஆதார் எண் / Your Aadhaar No.:

6985 5368 5221

ஆதார் - சாதாரண மனிதனின் அதிகாரம்



இந்திய அரசாங்கம்

Government of India

வி லட்சுமண சாமி

V Lakshmana Swamy

பிறந்தவகுடம் / Year of Birth 1981

குணபாகல் / Male



6985 5368 5221

சாதாரண மனிதனின் அதிகாரம்



Government of India

சான்று  
Aadhaar

அடையாளத்திற்கான சான்று

குடியரிமைக்கு அல்ல

அடையாள சான்றை இணையதளம் மூலம்

உறுதிப்படுத்திக் கொள்ளவும்

### INFORMATION

Aadhaar is proof of identity, not of citizenship.

To establish identity, authenticate online.

ஆதார் நாடு முழுவதிலும் செல்லுபடியாகும்.

வருங்காலத்தில் அரசு மற்றும் அரசு சாரா  
சேவைகளை பயன்படுத்திக் கொள்ள ஆதார்  
உதவிகரமாக இருக்கும்.

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இந்திய அரசாங்கம்

Unique Identification Authority of India

Address:

சு. மு. வில்லநாதன், எண் 8/14, S/O: M Viewanathan, NO 8/14,  
நரசிம்மாநாயக்கன் பாளையம், Narasimmanaicken Palayam,  
யூனியன் ரோடு, கோயம்புத்தூர் Union Road, Coimbatore North,  
வடக்கு, கோயம்புத்தூர், Coimbatore,  
நரசிம்மாநாயக்கன் பாளையம், Narasimmanaickenpalayam, Tamil  
நாடு, 641031

6985 5368 5221



भारतीय विशिष्ट पहचान प्राधिकरण  
भारत सरकार  
Unique Identification Authority of India  
Government of India



E-Aadhaar Letter

ಪ್ರವೇಶ ಸಂಖ್ಯೆ / Enrolment No.: 1118/50079/34515

Date: 27/11/2013 Ramasamy (ರಾಮಸಾಮಿ)

S/O: M Thirumoorthi, #B3/D-105, Vadaku Thottam,  
Poolankinar, Udumalpet, Poolankinar, Tiruppur,  
Tamil Nadu - 642122

ಮಾಹಿತಿ

- ಆಧಾರ್ ಆಧಾರ್ ಎನ್ನುವುದು ಗುರುತಿನ ಪುರಾವೆಯಾಗಿದೆ, ನಾಗರಿಕತೆಗಾಗಿ ಅಲ್ಲ.
- ಗುರುತಿನ ಪುರಾವೆಯನ್ನು ಆನ್‌ಲೈನ್ ಅಥೆಂಟಿಕೇಶನ್ ಮೂಲಕ ಪಡೆಯಬಹುದಾಗಿದೆ.
- ಇಲೆಕ್ಟ್ರಾನಿಕ್ ಪ್ರಕ್ರಿಯೆ ಮೂಲಕ ತಯಾರಿಸಲಾಗಿರುವ ಪತ್ರ ಇದಾಗಿದೆ.

ನಿಮ್ಮ ಆಧಾರ್ ಸಂಖ್ಯೆ / Your Aadhaar No.:

**6262 9136 5993**



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- To establish identity, authenticate online.
- This is electronically generated letter.

ಆಧಾರ್-ಶ್ರೀಸಾಮಾನ್ಯನ ಅಧಿಕಾರ

Signature Not Verified  
Digitally signed by Sandeep Bhardwaj  
Date: 2013.11.27 21:29:37 IST

1947  
1800 300 1947

help@uidai.gov.in

www.uidai.gov.in

- ಆಧಾರ್ ದೇಶದಾದ್ಯಂತ ಮಾನ್ಯತೆಯನ್ನು ಪಡೆದಿದೆ.
- ಆಧಾರ್ ಆಧಾರ್‌ಗಾಗಿ ಒಂದು ಬಾರಿ ನಿಮ್ಮ ಹೆಸರನ್ನು ನೋಂದಾಯಿಸಿಕೊಳ್ಳುವುದು ಅತ್ಯಂತ ಅಗತ್ಯವಾಗಿರುತ್ತದೆ.
- ದಯವಿಟ್ಟು ನಿಮ್ಮ ಇತ್ತೀಚಿನ ಮೊಬೈಲ್ ಸಂಖ್ಯೆ ಮತ್ತು ಇ-ಮೇಲ್ ವಿಳಾಸವನ್ನು ನೋಂದಾಯಿಸಿ ಇದರಿಂದಾಗಿ ನಿಮಗೆ ಅನೇಕ ಸೌಲಭ್ಯಗಳನ್ನು ಪಡೆಯುವುದಕ್ಕಾಗಿ ಅನುಕೂಲವಾಗುತ್ತದೆ.

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भारत सरकार

GOVERNMENT OF INDIA



भारतीय विशिष्ट पहचान प्राधिकरण  
UNIQUE IDENTIFICATION AUTHORITY OF INDIA



ರಾಮಸಾಮಿ  
Ramasamy  
ಜನ್ಮ ದಿನಾಂಕ / DOB: 11/09/1986  
ವೈದಿಕ / MALE



ವಿಳಾಸ:

S/O: ಎಮ್ ತಿರುಮೂರ್ತಿ, #ಬಿ/ಡಿ-105,  
ವಾಡಕ್ಕು ತೊಟ್ಟಮ್, ಪೂಲಂಕಿನಾರ,  
ಉದುಮಲಪೆಟ್, ಪೂಲಂಕಿನಾರ, ತಿರುಪುರ್,  
ತಮಿಳು ನಡು - 642122

Address:

S/O: M Thirumoorthi, #B3/D-105,  
Vadaku Thottam, Poolankinar,  
Udumalpet, Poolankinar, Tiruppur,  
Tamil Nadu - 642122

6262 9136 5993

6262 9136 5993

ಆಧಾರ್-ಶ್ರೀಸಾಮಾನ್ಯನ ಅಧಿಕಾರ

Aadhaar-Aam Admi ka Adhikar



இந்திய அரசாங்கம்  
Government of India

இந்திய தனித்துவ அடையாள ஆணையம்  
Unique Identification Authority of India

பதிவேட்டு எண் / Enrollment No.: 0000/00732/60494

To

கந்தர்மணி திருமூர்த்தி

Kandamani Thirumoorthi

S/O: Thirumoorthygounder.

B3/D105,

VADAKKU THOTTAM, MUKKONAM,

VTC: Poolankinar,

PO: Pulankinar,

Sub District: Udumalaipettai, District: Tiruppur,

State: Tamil Nadu,

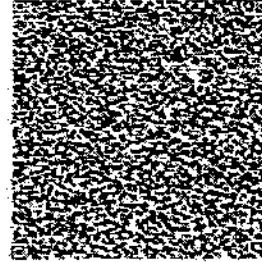
PIN Code: 642122,

Mobile: 9865406744

73574557



MF735745573FI



உங்கள் ஆதார் எண் / Your Aadhaar No. :

**7852 3266 2867**

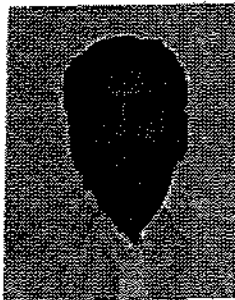
எனது ஆதார், எனது அடையாளம்



இந்திய அரசாங்கம்  
Government of India



Issue Date: 07/09/2013



கந்தர்மணி திருமூர்த்தி

Kandamani Thirumoorthi

பிறந்த நாள் / DOB: 12/05/1977

ஆண்பால் / Male

**7852 3266 2867**

எனது ஆதார், எனது அடையாளம்



**பதிவுத்துறை**  
**REGISTRATION DEPARTMENT**



For Complaints and Clarifications,  
please contact:

9498452110 / 9498452120 /

9498452130

(Monday to Friday 10 AM to 5.45 PM,  
excluding Government holidays)

For queries related to software,  
please contact:

**1800 102 5174**

(Monday to Friday 8 AM to 8 PM, Saturday 10 AM to 5 PM excluding Government holidays)

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

## 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

**To know your Zone and District Click Here**

View Guideline value for:

☐ Street ☒ Survey Number ☐ Composite Value

**Select Criteria :**

☒ Category Wise ☐ Survey Number Wise

Zone:\*

## Coimbatore

**Sub Registrar Office:\***

Udumalpettai

Registration Village: \*

## KURINJERI

Land Category\*

Dry Abutting State highways Type ▾

Search

Reset

**Search Criteria :**

Zone: COIMBATORE  
Guideline Village: KURINJERI  
Revenue District: TIRUPPUR

Sub Registrar Office: UDUMALPETTAI  
Revenue Village: KURUNJERI  
Revenue Taluka: UDUMALAIPETTAI

1. V. ~~...~~  
2. ~~...~~  
3. ~~...~~

Below Search results are as on 07-Dec-2024 01:49 PM


137 items found, displaying 1 to 10.

[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<a href="#">28/1</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	01-Jul-2024	-
2	<a href="#">28/2</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	01-Jul-2024	-
3	<a href="#">28/3</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	01-Jul-2024	-
4	<a href="#">29/1</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	01-Jul-2024	-
5	<a href="#">29/2</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	01-Jul-2024	-
6	<a href="#">29/3</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	01-Jul-2024	-
7	<a href="#">29/4</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	01-Jul-2024	-
8	<a href="#">29/5</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	01-Jul-2024	-
9	<a href="#">31/10</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	21-Oct-2024	-
10	<a href="#">31/11</a>	1400000/ Acre	3459500/ Hectare	Dry Abutting State highways Type or other roads - I	21-Oct-2024	-

Go Back To Main Menu

Online Services	Search	Duty and Fees	Reference	Download	External Links	Legal Information	Quick Contact
Stamp	Stamp		Citizen	Utility Forms			Address:
Encumbrance	Vendor		Charter	Circulars	National Portal	Terms &	No.100, Santhome High Road,
Certificate	Search/View	Duty and Fees	Tell me How	Latha Font	Cyber Resilience	Conditions	Chennai-600028, Tamil Nadu, India
	EC		User Manual	Typewriter	Cyber Security	Privacy Policy	Telephone: 044-24640160
	Society			Interface Tool	Incident	Hyper Linking	E-mail:
	Chit Funds			Typewriter	Reporting	Policy	helpdesk[at]tnreginet[dot]net
	Marriage			Interface	Electronic/Digital	Copyright Policy	
	Birth and Death			Manual	Signature facility		

A.V. Subash, 2. 

3. 

License FEES = (Utilized NH Land area X Prevailing Circle Rate of Land per unit area) X 1.5% Per Annum.

(Utilized NH Land area = Projection of Utility on the Ground including area of Support System/Tower)

For License fees/lease rental Calculation for Utility services Such as Towers/repeaters Junction Boxes etc.

AS PER PARA. 5 & ANNEXURE 1 PARA A.OF MINISTRY'S GUIDELINES VIDE LETTER REF. F.NO. RW/NH-36094/01/2022/S&R (P&B) dated 17.04.2023

(I) Public Utilized NH Land area

CHAINAGE IN KM	ALONG THE ROAD + ACROSS THE ROAD LENGTH (L)	UTILITY CORRIDOR (W) IN M	UTILIZED NH LAND AREA	Utilized NH Land area X Prevailing Circle Rate of Land per unit area) X 1.5% Per Annum
On Spur Road – II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Ø 203.2 Mm (8") Gi Pipe As Casing AND Ø 127mm (5") Pvc Pipe Water Supply Pipe Line IN KURINJERI Village	938.0 m + 58.5 m = 996.5m	1.50 m	1494.75	Prevailing Circle Rate of Land per unit area (Rs. 34,59,500/Hectare) – 345.95 /Sq.m 1494.75 X 345.95 = 5,18,838.50 Say 1.5 % Per Annum 5,18,838.50 X (1.5 /100) = 7,783.00 Per Annum TOTAL LICENSE FEE FOR 5 YEARS 7,783.00 X 5 = 38,915.00 Rs
Under ground water pipe line along the ROW Using Ø 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On NATIONAL HIGHWAY – 209 (new no nh – 83)[dindigul –coimbatore section] tamil nadu state KURINJERI Village	= 4300.00 m	1.50 m	6450.00	Prevailing Circle Rate of Land per unit area (Rs. 34,59,500/Hectare) – 345.95 /Sq.m 6450.00 X 345.95 = 22,31,377.50 Say 1.5 % Per Annum 22,31,377.50 X (1.5 /100) = 33,471.00 Per Annum TOTAL LICENSE FEE FOR 5 YEARS 33,471.00 X 5 = 1,67,355.00 Rs

TOTAL LICENSE FEE FOR 5 YEARS

NET TOTAL LICENSE FEE (38,916.25 + 1,67,353.30 ) = 2,06,270.00 -/-Rs

**TOTAL LICENSE FEE FOR 5 YEARS - TWO LAKH SIX THOUSAND TWO HUNDRED SEVENTY RUPEES ONLY**

1. V. Subramanian  
2. P. Subramanian  
3. P. Subramanian



தமிழ்நாடு தமில்நாடு TAMILNADU

DU 852652

B. MEENAKSHI  
STAMP VENDOR  
DISTRICT REGISTRAR OFFICE CAMPUS,  
(PARTY SHED)  
COIMBATORE, TAMIL NADU,  
R. Dis.No. 11799 / B1 / 2016

6.12.2024.  
V. Lakshmana Swamy  
cbe.

### UNDERTAKING

We hereby undertake the following with Respect to the To Laying of Underground Water Pipe Line Along The Row On Spur Road – II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Ø 203.2 Mm (8") Gi Pipe As Casing AND Ø 127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using Ø 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On National Highway – 209 (New no NH – 83) [Dindigul –Coimbatore section] Tamilnadu state. The laying of UG water pipe line will be carried out only on getting the approval from the competent authority. Since we are submitting the proposal for approval from National Highways , we are here by assure you that we are Ready to remit the appropriate Fees as decided by Highway Administration Rent/ Fee OF Rs. \_\_\_\_\_

As And When  
Demanded By National Highways Authority Of India.

1. V. Lakshmana Swamy  
2. [Signature]  
3. [Signature]

PERFORMANCE BANK GUARANTEE PERMISSION TO LAYING OF UNDERGROUND WATER PIPE LINE ALONG THE ROW ON SPUR ROAD – II USING Dia 127 MM (5") PVC PIPE FROM KM 1/887 TO KM 2/825 ON LHS. AND ACROSS THE ROAD AT KM 1/887 USING Dia 203.2 MM (8") GI PIPE AS CASING AND Dia 127MM (5") PVC PIPE WATER SUPPLY PIPE LINE AND UNDER GROUND WATER PIPE LINE ALONG THE ROW USING Dia 127 MM (5") PVC PIPE FROM KM 88/614 TO KM 92/914 ON LHS.

ON NATIONAL HIGHWAY – 209

[NEW NO NH – 83][DINDIGUL – COIMBATORE SECTION] TAMIL NADU STATE

AS PER PARA 6 OF THE MINISTRY'S GUIDELINES VIDE LETTER REF. F.NO. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.

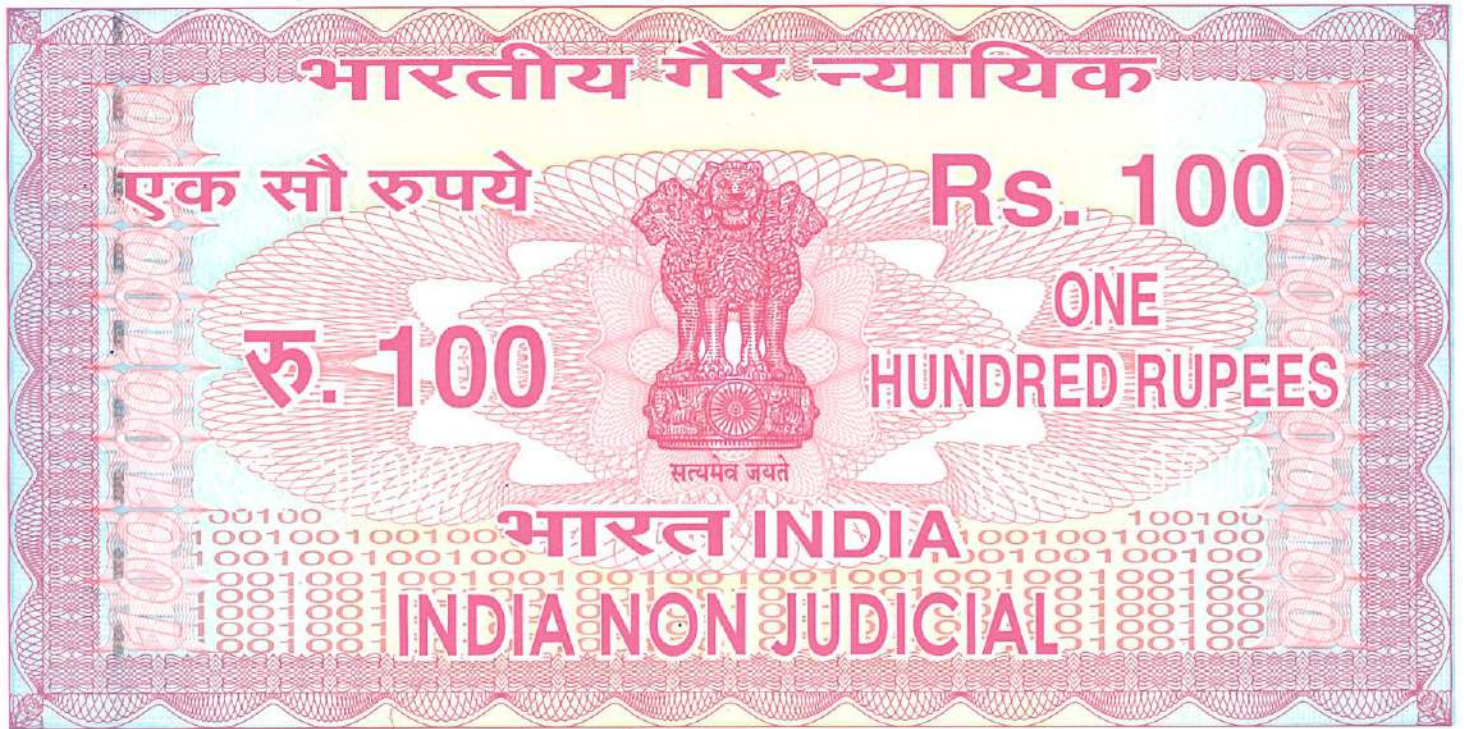
S.N o	Description OF Laying of Pipe	Dia of the pipe (mm)	Length (m)	Rate/m (Rs)	NO. CROSS INGS	Total (Rs)
1.	Along the Road Km 1/887 To Km 2/825 On LHS.	127 mm (5") Pvc Pipe	938.00	100.00	NA	93,800.00
2.	Along the Road from km 88/614 to km 92/914 on LHS.	127 mm (5") Pvc Pipe	4300.00	100.00	NA	4,30,000.00
(II)	Across The Road At Km 1/887 Using Ø 203.2 Mm (8") Gi Pipe As Casing AND Ø 127mm (5") Pvc Pipe Water Supply Pipe Line (Rs. 1,00,000/ Crossing)		58.50		1 Nos	1,00,000.00
PERFORMANCE BANK GUARANTEE						6,23,800.00

SIX LAKH TWENTY THREE THOUSAND EIGHT HUNDRED RUPEES ONLY.

Note

- Provided in the ducts already provided = Rs 50.00
- <= 300mm Dia/width = Rs 100.00
- >= 300mm Dia/width but <= 1000mm = Rs 250.00
- > 1000mm Dia/width = RS 500.00
- Across the Road Per Crossing = Rs 1,00,000.00

1. V. Anand  
2. (Signature)  
3. (Signature)



தமிழ்நாடு தமில்நாடு TAMILNADU

DU 852654

B. MEENAKSHI  
STAMP VENDOR  
DISTRICT REGISTRAR OFFICE CAMPUS,  
(PARTY SHED)  
COIMBATORE, TAMIL NADU,  
R. Dis.No. 11799 / B1 / 2016

V. Lakshmana Swamy  
cbe.

### UNDERTAKING

We hereby Undertake the following with Respect To Laying of Underground Water Pipe Line Along The Row On Spur Road - II Using  $\varnothing$  127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using  $\varnothing$  203.2 Mm (8") Gi Pipe As Casing AND  $\varnothing$  127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using  $\varnothing$  127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On National Highway - 209 (new no nh - 83)[dindigul - coimbatore section] tamil nadu state The laying of UG water pipe line will be carried out only on getting the approval from the competent authority. We hereby undertake to remit Performance Bank Guarantee in favour of NH @ Rs.100/- per running meter (Parallel to NH) and Rs.1,00,000/- per Crossing of NH, for a Period of One Year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the pipelines/ducts 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. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth. We are hereby submitting the Performance Bank Guarantee for RS \_\_\_\_\_ to the NATIONAL HIGHWAYS.

1. V. Lakshmana Swamy  
2. [Signature]  
3. [Signature]



தமிழ்நாடு தமில்நாடு TAMILNADU

*B. Meenakshi*  
**B. MEENAKSHI**  
STAMP VENDOR  
DISTRICT REGISTRAR OFFICE CAMPUS,  
(PARTY SHED)  
COIMBATORE, TAMIL NADU,  
R. Dis.No. 11799 / B1 / 2016

DU 852657

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

Agreement To Laying of Underground Water Pipe Line Along The Row On Spur Road – II Using Dia 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Dia 203.2 Mm (8") Gi Pipe As Casing AND Dia 127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using Dia 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On National Highway – 209 (new no nh – 83)[Dindigul –Coimbatore Section] Tamil Nadu State.

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ (month) \_\_\_\_\_ of (year) Between \_\_\_\_\_ acting in his executive capacity through \_\_\_\_\_ (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part,

WE **V.Lakshmanaswamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadustate. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State.642122.** (hereafter called the "licensee") which expression shall unless excluded by repugnant to the context, include his successors / administrator assignees on the second part.

1. *V. Lakshmanaswamy*  
2. *T. Ramasamy*  
3. *T. Kandarmani*

(2)

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands To Laying of Underground Water Pipe Line Along The Row On Spur Road – II Using Dia 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Dia 203.2 Mm (8") Gi Pipe As Casing AND Dia 127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using Dia 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On National Highway – 209 (new no nh – 83)[Dindigul –Coimbatore Section] Tamil Nadu State.

Whereas the Licensee proposes to lay Water pipe line referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services To Laying of Underground Water Pipe Line Along The Row On Spur Road – II Using Dia 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Dia 203.2 Mm (8") Gi Pipe As Casing AND Dia 127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using Dia 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On National Highway – 209 (new no nh – 83)[Dindigul –Coimbatore Section] Tamil Nadu State.

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 witnessed 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 permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely.

1. RoW permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway RoW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to 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 fulfillment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.

1. V. R. S. [Signature]  
2. [Signature]  
3. [Signature]

3. The License shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility / industrial infrastructure facilities.

4. The Licensee shall pay license fees @ Rs..... / sq.m/ month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of pipelines for infrastructure / service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.

5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.

6. Present policy of the MoRT&H is to provide a 2.00m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.

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 road land 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.

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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.

13. The top of the casing / conduit pipe containing the utility services to cross the road shall be least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. 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 or as nearly so as practicable.

15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.

16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.

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

b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.

c. The side fill shall consist of granular material laid in 15cm. Layers 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 had been removed. Consolidation by saturation or ponding will not be permitted.

d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.

17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris / loose earth produced due to execution of trenching at least 50m away from the edge of the right of way ;

18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative, in consultation with the Authority as per predetermined time schedule and quality standards.

1. V. [Signature]  
2. [Signature]  
3. [Signature]

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 improper restoration of ground in terms of filling / unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the authority shall have a right to make good the 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 damage sustained by them by reason of the exercise of the RoW facility.

21. The Licensee shall shift the utility services within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement / widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.

22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities / underground installations / facilities etc. The Licensee shall ensure the safety and security of already existing underground installations / utilities/facilities etc. before commencement of the excavation / using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations / utilities / facilities etc.

23. The Licensee shall be solely responsible / liable for full compensation / indemnification of concerned agency / aggrieved authority for any direct, indirect or consequential damage caused to them / claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right 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.

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25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting or the road for crossing highway, and other roads and try to carry out the work by trenches technology. In case any damage is caused to the road pavement in the process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its 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 day 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 in laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of 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 deposition of fee shall attract interest @ 15% per annum compounded annually.

30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.

31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.

32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route / road / highway land/ property, other than what is 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 indefeasible by lapse of time.

34. The Licensee shall bear the Stamp Duty charged on this Agreement.

1. V. V. ...  
2. ...  
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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 service 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 specification and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the authority has been obtained. Notwithstanding anything contained herein, this agreement may be cancelled at anytime 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 cancellation nor shall it be absolved from any liability already incurred.

38. The licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods 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, take account of :


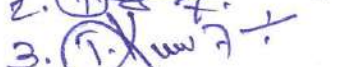

- a. operation, repair and maintenance guidelines given by manufacturers,
- b. the requirements of Law,
- c. the physical conditions at the site, and
- d. The safety of operating personnel and human beings.

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.

42. Any disputes in interpretation of the terms and conditions of this agreement or their implementation shall be referred to the redress mechanism prevailing in the ministry and the decision of the redress mechanism shall be final and binding on all.

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41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a

Bank Guarantee to the Authority for a period of one year for an amount assessed by the authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.

42. Any disputes in interpretation of the terms and conditions of this agreement or their implementation shall be referred to the redress mechanism prevailing in the ministry and the decision of the redress mechanism shall be final and binding on all.

43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying / shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MoRT&H/NH/ implementing authorities for the project shall not be liable to the concessionaire in any way 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.



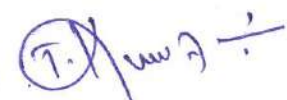
BY SHRI \_\_\_\_\_  
(Signature, Name & Address with stamp)

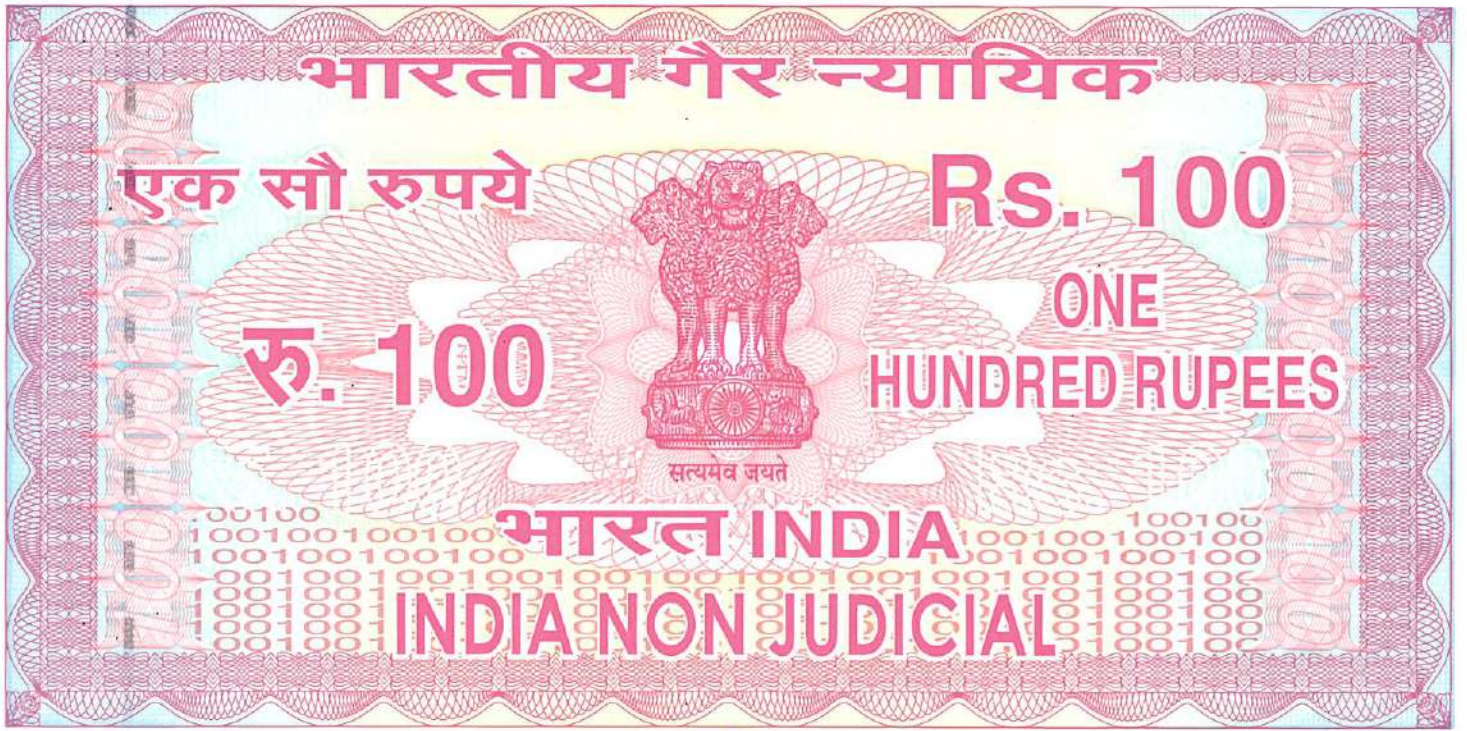
SIGNED BY SHRI \_\_\_\_\_ (LICENSEE)  
(Signature, Name & Address with stamp)

IN THE PRESENCE OF (WITNESSES)

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தமிழ்நாடு தமில்நாடு TAMILNADU

DU 852656

*B. Meenakshi*  
**B. MEENAKSHI**  
STAMP VENDOR  
DISTRICT REGISTRAR OFFICE CAMPUS,  
(PARTY SHED)  
COIMBATORE, TAMIL NADU,  
K. Dis.No. 11799 / B1 / 2016



### UNDERTAKING

We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. seeking permission To Laying of Underground Water Pipe Line Along The Row On Spur Road - II Using Ø 127 Mm (5") Pvc Pipe From Km 1/887 To Km 2/825 On LHS. And Across The Road At Km 1/887 Using Ø 203.2 Mm (8") Gi Pipe As Casing AND Ø 127mm (5") Pvc Pipe Water Supply Pipe Line and Under ground water pipe line along the ROW Using Ø 127 mm (5") pvc pipe from km 88/614 to km 92/914 on LHS. On National Highway - 209 (new no nh - 83)[Dindigul -Coimbatore Section] Tamil Nadu State.

We hereby undertake these standing conditions of NH Guidelines.

1. Not to damage to other utility, If damage then to pay the losses either to NH or to the concerned agency; Regarding the location of other cables, underground installation/utilities etc., We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46

*V. Lakshmana Swamy* 2. *T. Ramasamy* 3. *T. Kandarmani*

Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. shall be responsible to ascertain from the respective agency in coordination with NH. We The Executive Engineer - Tamil Nadu Water Supply And Drainage Board, Project Division - Oddanchatram, Dindigul, Tamil Nadu state shall ensure the safety and security of already existing cables/Underground installation/Utilities facilities etc., before commencement of the excavation.

2. Renewal of Bank Guarantee., We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. furnish a bank guarantee @ Rs. / per running meter to the 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 To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct by proper filling and compaction, clearing debris/loose earth reduced due to execution of pitting at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. for clearing debris/loose earth. In case the work contemplated herewith not completed to the satisfaction of the NH, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee. We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. shall either furnish a fresh guarantee or extend the guarantee for a period of one year. In case of We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. failing to discharge the obligation of making good the excavated pit, the NH shall have a right o make good the damages caused by exactionat the cost of We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. and recover the amount by invoking the Bank Guarantee furnished We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur

1. V. Lakshmana Swamy 2. T. Ramasamy 3. T. Kandarmani

District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. Confirming all standard condition of NH:

- i. The period of validity of way leave permission shall be co-terminus with the validity of licensee given by the Ministry.
- ii. The Overhead Electrical Power Transmission line & Poles shall be layed at the edge of the Right of way within utility corridors.
- iii. The top of the casing conduit pipe containing the cables shall be at least 1.65m below the surface of the road subject to being at least 0.3m below the drain inwards.
- iv. The licensee has to cross the NH by the horizontal drilling method (Trenchless Technology only). In case any damages is caused to the road pavement in this process We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. will be required to restore the same to the original condition at own cost.
- v. Existing CD works shall not be allowed for the for To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct.
- vi. No Trenching will be done on link road boring method will be used in link road and Overhead Electrical Power Transmission line & poles will be laid at the extreme edge of the road in the non-BT surface only.
- vii. The licensee shall inform / give a notice to NH, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging pit for fresh or maintenance / repair work. A separate work plan and a separate performance Bank Guarantee @ Rs.-----/- per metre length for maintenance / repair work shall have to be furnished by We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122.
- viii. Each day, the extent of digging the pits should be strictly regulated so that To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road

1. V. Lakshmana Swamy 2. T. Ramasamy 3. T. Kandarmani S/O. Thirumoorthi



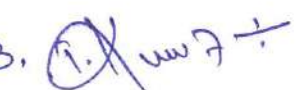
Using Dia 1200mm Existing Utility Crossing Duct are laid and pits filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NH.

- ix. The Licensee shall indemnify the concerned agency in co-ordination with NH against all damaged and claims. If any, due to the digging of pits for To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct.
- x. The NH has a right to terminate the permission or to extend the period of agreement. In case the We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. wants shifting, repair or alteration to To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. It will have to furnish a separate Bank Guarantee.
- xi. The Licensee shall not without prior permission in writing from the NH Gov't. of India or its authorized agency undertake any work of shifting, repairs or alterations To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct.
- xii. The permission granted shall not in any way be deemed to convey to We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. any ownership right or any interest in route/road/highway/land/property, other than what is herein expressly granted.
- xiii. During the subsistence of this agreement, the To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NH so that the right of way We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu

1. V. Lakshmana Swamy  
2. T. Ramasamy  
3. T. Kandarmani

State 642122. to the use thereof shall not become absolute and indefeasible by lapse of time.

- xiv. We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. shall bear the stamp duty charged for the agreement.
- xv. The To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. shall not be brought in to use by We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. unless a completion certificate to the effect that To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. has been laid in accordance with the approved specifications & drawings and the pits have been filled upto the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
- xvi. Notwithstanding anything NH contained herein this agreement may be cancelled at any time by the breach of any condition of the same and We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. 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.
- xvii. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NH is required to do some emergent work, We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122: will provide and observer within 24 hours. NH will not responsible for any damage of any kind by what so ever means natural or otherwise.

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xviii. The enforceability of the ROW permission granted herd in shall be restricted to the extent of provisions/scope of service contained / defined in the licensee agreement of the licensee with We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. and for the purpose for which it is granted. Either by content or by intent the purpose extending the ROW facility is not enhance the scope of We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122.

3. Shifting of To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. as and when required by NH: We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. shall shift the To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. within 90days.(or as specified by the respective agency / owner) from the date of issue of the notice by the NH, Govt. of India to shift/relocate the lines/poles. In case, it is so required for the purpose of improvement / widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at its own cost and risk.
4. Shifting due to 4 laning/Widening of NH: After the termination /expiry of the agreement, We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. shall remove To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. within 90days and the site shall be brought back to the original condition failing which the We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. will lose the right to remove the

1. V. Lakshmana Swamy  
2. T. Ramasamy  
3. T. Kandarmani

lines/poles. However before taking up the work of removal To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. the . We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. 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 pit by proper filling and compaction, clearing debris, loose earth produced due to excavation of pits at least 50m away from the edge of the ROW.

5. The traffic movement during laying of Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. to be managed by the applicant: If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122.
6. If any claim is raised by the concessionaire then the same has to be paid by the applicant: We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. 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 We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. The concerned agency in coordination with NH shall also have a right to make good such damages/recover the claims by way of invoking of bank guarantee furnished by We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. fails to comply with the condition 5 and 6 above to the satisfaction of the NH, the same shall be got executed by the NH at the risk and cost of the We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122.

1. V. Lakshmana Swamy 2. T. Ramasamy 3. T. Kandarmani

7. We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. hereby do undertake to furnish a performance bank guarantee @ Rs. \_\_\_\_\_/- per meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installation utility services & interference interruption, disruption of failure caused thereof to any services etc. In case, We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. failing to discharge the obligation of making good the damages caused due to excavated trench, the NH shall have a right to make good the damages caused due

to excavation at the cost of the We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. and recover the amount by invoking the bank guarantee. In case the work contemplated is not completed to the satisfaction of NH, which has granted the permission within a period of 11 months from the date of issue of the bank guarantee. We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.

8. Not to damage to other utility, if damaged, the pay the losses either to NH or to the concerned agency.
9. In case the work contemplated is not completed to the satisfaction of NH, which has granted the permission within a period of 11 months from the date of issue of the bank guarantee. We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. shall either furnish a fresh guarantee or extend the further guarantee for a further period of one year.

10. We will relocate To Lay The Under Ground Water Pipe Line And Power Cable Duct Wire Across The Road Using Dia 1200mm Existing Utility Crossing Duct. utilities

1. V. Lakshmana Swamy 2. T. Ramasamy 3. T. Kandarmani

at our own cost notwithstanding the permission granted within such time as will be stipulated by NH for future six/four laning or other development.

11. We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. hereby undertake that the existing avenue plantation is not affect due to the preset propose for a total length of \_\_\_\_\_ in the state of Tamilnadu.
12. We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. hereby undertake to adopt Manually erection only where the available width of ROW is less than 15m.
13. We V.Lakshmana Swamy, S/O. M. Viswanathan, 3/46 Merrkuthottam, Ganapathypalayam, Udumalaipet, Tiruppur District, Tamilnadu State. 2. T.Ramasamy & 3. T.Kandarmani S/O. Thirumoorthi, B3/D-105, Vadakku Thottam, Poolankinar, Udumalaipet, Tiruppur District, Tamilnadu State 642122. hereby undertake that the pay the fee/rent as mentioned in the Ministry's Guidelines.

1. V. Lakshmana Swamy  
2. T. Ramasamy  
3. T. Kandarmani S/O. Thirumoorthi