



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

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

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



NHAI/15018/4.6/06/2024/RO Madurai/E-268988/ 1979

24th December, 2024

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, त्रिची - Trichy - Karur section of NH 67 (New NH 81) -
Requesting for laying of water pipe line along the road from Km 207/040 to Km 207/353 (LHS) & Km 207/790 to Km 208/750 (RHS) by open trench and also across the road @ Km 207/040 by HDD method - **Invitation of Public Comments -Reg.**

प्रसंग: PD, Trichy Lr. No. NHAI/PD/TRY/Utility/TWAD/NH 81/2024/2477 dated 09.12.2024.

The Proposal is regarding permission for laying of water pipe line along the road from Km 207/040 to Km 207/353 (LHS) & Km 207/790 to Km 208/750 (RHS) by open trench and also across the road @ Km 207/040 by HDD method in Trichy - Karur section of NH 67 in the State of Tamil Nadu by Executive Officer, Puliur Town Panchayat, Karur, has been submitted to this office by the PD, PIU, Trichy Lr. No - PD, Trichy Lr. No. NHAI/PD/TRY/Utility/TWAD/NH 81/2024/2477 dated 09.12.2024 in accordance with Ministry's latest guidelines dated 22.11.2016.

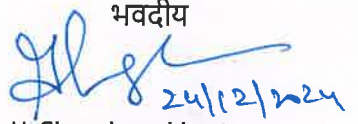
2) The alignment proposed by Executive Officer, Puliur Town Panchayat, Karur, for laying of water pipe line along the road from Km 207/040 to Km 207/353 (LHS) & Km 207/790 to Km 208/750 (RHS) by open trench and also across the road @ Km 207/040 by HDD method in Trichy - Karur section of NH 67 is as detailed under:

| Stretch in Km | Length (m) | Dia. Of the pipe (m) | Available ROW (in m) | | Distance of erection from C/L (in m) | | Remarks |
|---|------------|----------------------|----------------------|-----|--------------------------------------|-----|---|
| | | | LHS | RHS | LHS | RHS | |
| Along NH-67: Km 207/040 to Km 207/353 (LHS) | 313 | 0.09 | 30 | 30 | 29 | - | Laying of pipe line along the extreme edge of ROW at a distance of 1.0 m from ROW edge. |
| Km 207/790 to Km 208/750 (RHS) | 960 | 0.09 | 30 | 30 | - | 29 | |
| Across NH- 67: Km 207/040 | 60 | 0.6 | - | - | - | - | Laying of pipe line along by HDD Method at a minimum depth of 1.50 m from the top of the sub grade. |

- 3) Executive Officer, Puliur Town Panchayat, Karur, has proposed for laying of water pipe line along the road from Km 207/040 to Km 207/353 (LHS) & Km 207/790 to Km 208/750 (RHS) by open trench and also across the road @ Km 207/040 by HDD method in Trichy - Karur section of NH 67 in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.
- 4) Executive Officer, Puliur Town Panchayat, Karur, 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 Executive Officer, Puliur Town Panchayat, Karur, will also undertake not to damage any other utility, if damaged, will pay the losses either to NHAI or to the concerned agency.
- 5) As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 the proposal submitted by the applicant will be made available for public comments and the comments is invited within 30 days from the day of uploading.

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

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

भवदीय

(एम चंद्रशेखर | M Chandrasekhar)
उप महा प्रबंधक(तक) | Dy. General Manager (Tech)
क्षे.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

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

| List of Correspondences | | | | | | | |
|-----------------------------|---|---------|--------------|------------------------|--------------|-------|---------|
| Receipt No. / Issue No. | Subject | Type | Marked As | Attached On | Issued On | Pages | Remarks |
| 1136525/2024/PIU -TRICHY | Trichy - Karur section of NH 67 (New NH 81) -Requesting for laying of water pipe line along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) by open trench and also across the road @ km.207/040 by HDD method - In Principle approval requested – Reg. | Receipt | | 11/12/2024 09:36 PM | | 1-34 | - |

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09/12/24



National Highways Authority of India

Project Implementation Unit, TRICHY - 620 001.

3. The proposal of laying pipe line is by open trench method, hence Avenue plants will not affect as assured by Executive Officer vide ref: 5th cited above.
 4. While execution of work existing OFC (BSNL & Defense) and water pipe will not affect to be protected as assured by Executive Officer vide ref: 02 cited above.
 5. While execution proper safety arrangements shall be made without affecting safety of road users.
 6. If any damages made by execution agency same shall be restored by their own cost.
4. The above proposal has been scrutinised in the light of the Ministry circular no. RW/NH-33044/29/2015/S&R (R) dt.22.11.2016 and following points are put forth for kind perusal.
5. The drawing showing the details about the proposed laying of pipe line and the methodology to be adopted for laying has been furnished. The pipe line laying shall be laid at the far edge of the ROW. There should not be any traffic hazards.
6. In view of the recommendation of Team Leader, the following observations are made by PIU - Trichy.
- i. The works shall be carried out strictly as per the drawing submitted by applicant.
 - ii. All the existing utilities are to be verified by applicant before commencement of the work and ensure that no damage is caused to the existing utilities. Damages if any caused it has to be rectified by the applicant at their risk and cost.
 - iii. The applicant has to ensure that avenue plantations, rain water harvesting system and boundary stones, existing paver blocks are not disturbed at the time of execution work. Damages if any caused it shall be got rectified by the applicant at their risk and cost.
 - v. Performance BG towards restoration charges for Rs. 242300/- as per Ministry circular shall be furnished by the applicant and the confirmation of BG shall also be obtained from the respective branch as per NHAI guidelines. In case of improper restoration after laying, BG shall be forfeited.
 - vi. The applicant shall pay Rs. 56371/- towards one time license fee for 5 years through Bharatkosh portal and furnish the receipt.
7. The license fee has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 and based on the highest prevailing guideline rate of the Puliur village as detailed below:

Handwritten signature and date:
09/12/24



National Highways Authority of India

Project Implementation Unit, TRICHY - 620 001.

| License fees for Public utility (pipe line) (Rs. / Sq.m / Month) | | | | | | | | | |
|---|---------|----------|---------|----------|--------|--------------------|------------------------------|---|---|
| Utilized NH land area X Prevailing circle rate of land per unit / area) X 1.5% per annum | | | | | | | | | |
| S. no | Village | Chainage | | Side | Length | Dia of pipe in mtr | Utilized NH land area (sq.m) | Prevailing circle rate of land per unit area (Sq.m) (Rs.) | License fee per month (private utility) (Rs.) |
| | | From | to | | | | | | |
| 1 | Puliyur | 207.040 | 207.353 | LHS | 313 | 0.09 | 28.17 | 1520 | 642.28 |
| 2 | Puliyur | 207.790 | 208.750 | RHS | 960 | 0.09 | 86.40 | 1520 | 1969.92 |
| 3 | Puliyur | 207.040 | - | Crossing | 60 | 0.60 | 36.00 | 1520 | 820.80 |
| | Total | | | | 1333 | | 150.37 | | 3433 |

License Fee for 1st year 10000

Add: 6% per annum for 2 year 600.0 10600

Add: 6% per annum for 3 year 636.0 11236

Add: 6% per annum for 4 year 674.2 11910

Add: 6% per annum for 5 year 714.6 12625

Minimum License Fee for Public Utility for 5 years 56371

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

| | |
|--|--------------|
| Total area of land to be utilized from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) across @ km.207/040 | 1333 Rm |
| along the road Km.207/040 to Km.207/353 (LHS) (313m) & Km.207/790 to Km.208/750 (RHS) (960m) <300 mm = Rs.50 (1273 * 100) | Rs. 1,27,300 |
| across the road at km.207.040 >300 mm = Rs.250 (60 * 250) | Rs. 15,000 |
| Crossing at km.207/040 | Rs.1,00,000 |
| Total | Rs.2,42,300 |

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**National Highways Authority of India**

Project Implementation Unit, TRICHY - 620 001.

In view of the above, the proposal submitted by The Executive Officer, Puliur Town Panchayat, Karur vide reference 1st cited, has requested permission for laying of water pipe line along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) by open trench and also across the road @ km.207/040 by HDD method respectively as detailed above may be considered for approval.

Yours faithfully

Encl: Proposal (2 Original + 1 copy)

A.N. Praveen Kumar
09/12/2024

(A.N. Praveen Kumar)

DGM (T) & Project Director

Copy to:

1. Executive Officer, Puliur Town Panchayat, Karur. for information
2. Team Leader, M/s. Upham, Trichy for information.
3. Project Manager, M/s. TKTRPL, for information.



National Highways Authority of India
Project Implementation Unit, TRICHY - 620 001.

CERTIFICATE

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

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

A.N. Praveen Kumar
09/12/24

(A.N. Praveen Kumar)

DGM (T) & Project Director



National Highways Authority of India
Project Implementation Unit, TRICHY - 620 001.

Certified that, necessary entries have been made in the Register of permissions accorded for laying of water pipe line along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) by open trench and also across the road @ km.207/040 by HDD method in Page no.69 in S. no.5

A.N. Praveen Kumar 09/12/24

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



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)
 परियोजना कार्यान्वयन इकाई - तिरुच्ची / Project Implementation Unit - Trichy
 नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001
 No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001
 दूर / Tele: +91-431 2482959 वेब / Web: www.nhai.org ई-मेल / E-mail: tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/Utility/TWAD/ NH 81/2024/1761

September 05, 2024

To

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

Sub: NHAI, PIU, TRICHY - Trichy - Karur section of NH 67 (New NH 81) -
 Requesting for for laying of water pipe line along the road from
 Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750
 (RHS) by open trench and also across the road @ km.207/040 by
 HDD method - Report sought for - Reg

Ref: Executive Officer, Puliur Town Panchayat, Karur. Lr No Nill
 Dt.30.08.2024 (Received on 03.09.2024)

Sir,

Please find enclosed herewith the copy of proposal of Executive
 Officer, Puliur Town Panchayat, Karur, requesting permission for laying of
 water pipe line along the road from Km.207/040 to Km.207/353 (LHS) &
 Km.207/790 to Km.208/750 (RHS) by open trench and also across the road
 @ km.207/040 by HDD Method received vide reference cited for inspection
 and submission of report.

In this context, it is requested to examine the same advert to site
 condition, subsisting encumbrances of structures, trees, OFC etc., also with
 reference to Checklist and drawing and offer your comments in accordance
 with the Ministry circular dated 22.11.2016.

Yours faithfully,

Encl: Proposal - 1 No.

A.N. Praveen Kumar
 05/09/24

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

Copy to:

- The Project Manager, M/s. TKTRPL, for submission of report.
- Executive Officer, Puliur Town Panchayat, Karur. 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 - तिरुच्ची / Project Implementation Unit - Trichy
नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001
No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001
दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/Utility/TWAD/ NH 81/2024/ 1922 September 27, 2024
To
The Executive Officer,
Puliyur Town Panchayat,
Karur

Sub: NHAI, PIU, TRICHY – Trichy - Karur section of NH 67 (New NH 81) - Requesting for laying of water pipe line along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) by open trench and also across the road @ km.207/040 by HDD method – Cut and removed of Avenue live trees 88 No's- Permission to be obtained- Application No. 20240830/ 1/7/29655/ 9738 -Requested - Reg.

Ref: 1. Executive Officer, Puliyur Town Panchayat, Karur. Lr No Nill
Dt.30.08.2024 (Received on 03.09.2024)
2. NHAI/PD/TRY/Utility/TWAD/ NH 81/2024/1761 dt.05.09.2024
3. Team Leader, M/s. UPHAM, Trichy letter no. SAQ/TK/NH-
67/NHAI/727 Dt.12.09.2024

Sir,

With reference to your proposal dt.30.08.2024 (received on 03.09.2024), seeking permission for laying water pipeline along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) by open trench method and also across the road @ km.207/040 by HDD method, the site was inspected by the Team Leader and made following observations as per letter dt.12.09.2024.

1. Total proposed length of pipe laying is 1.273 km 90mm HDPE Pipe along the LHS (0.313km) & RHS (0.960km) road by open trench method.
2. Proposed road crossing is at km.207+040=60m MS Pipe from LHS to RHS by HDD method.

2. Avenue Trees: There existing 88 No's of live Avenue trees at the proposed location where the access permission has been sought;

- For cutting and removal of the live trees permission of the Revenue Authorities is to be obtained and furnished to NHAI
- Valuation of trees to be made by Forest Department and valuation report to be submitted.

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27/09/24



National Highways Authority of India

Project Implementation Unit, TRICHY - 620 001.

- For disposal of the cut down trees, the value has to be remitted into the NHAI account after observing auction formalities and confirmation by Authority.
- As per Supreme Court & High Court orders, for every tree cut has to be replaced with 1:10 ratio per tree cut.
- The action plan for replacement of trees as per undertaking given by the applicant and the location selected for replantation has to be identified from the concessionaire and mentioned in the report.

Site Condition observations are as follows:

1. For proposed laying of pipe line by open trench method totally **88nos of Avenue Plants** are affecting on LHS (19nos) & RHS (69nos) and the same has not been mentioned in the proposal.
2. Existing OFC (BSNL & Defence) and water pipe are lying on LHS.
3. Existing OFCs are lying on RHS.
4. RR masonry lined drain is there along the extreme end of road from km.207+750 to 208+230 RHS which should not to be disturbed.
5. For cutting and removal of the live trees permission of the Revenue Authorities has to be obtained.
6. Valuation of trees to be made by Forest Department and valuation report to be obtained.
7. As per Supreme Court orders every tree has to be replaced with 1:10 ratio per tree cut down and the same has to be replanted.

The Applicant is requested to furnish necessary undertakings duly attending the observations noted above and furnish report to this office at the earliest.

Yours faithfully,

A.N. Praveen Kumar
27/09/2024

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

Copy to:

1. The Team Leader, M/s. Upham, Trichy for information.
2. The Project Manager, M/s. TKTRPL, for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 (सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
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 परियोजना कार्यान्वयन इकाई - तिरुच्ची / Project Implementation Unit - Trichy
 नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001
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 दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/Utility/TWAD/ NH 81/2024/2155

October 29, 2024

To

The Team Leader,
 Upham-81,
 Trichy - Karur section,
 Trichy.

Sub: NHAI, PIU, TRICHY – Trichy - Karur section of NH 67 (New NH 81) - Requesting for laying of water pipe line along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) by open trench and also across the road @ km.207/040 by HDD method – Cut and removed of Avenue live trees 88 No's- Permission to be obtained- Application No. 20240830/ 1/7/29655/ 9738 -Requested - Reg.

- Ref: 1. Executive Officer, Puliur Town Panchayat, Karur. Lr No Nill Dt.30.08.2024 (Received on 03.09.2024)
 2. NHAI/PD/TRY/Utility/TWAD/ NH 81/2024/1761 dt.05.09.2024
 3. Team Leader, M/s. UPHAM, Trichy letter no. SAQ/TK/NH-67/NHAI/727 Dt.12.09.2024
 4. NHAI/PD/TRY/Utility/TWAD/ NH 81/2024/1922 dt. 27.09.2024
 5. E.O, Town Panchayat, Puliur Ir.no.48/2023/Amrut 2.0/Puliur/ WSIS/ dated.09.10.2024

Sir,

The Executive Officer, Town Panchayat, Puliur, Karur District vide letter dt.09.10.2024 has furnished reply to the observations made by the Team Leader vide letter dt.12.09.2024 on the proposal requesting for laying of water pipe line along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) by open trench and also across the road @ km.207/040 by HDD method and requested NOC for carrying of the work. The applicant also stated that, since the laying of pipeline by manual method, the question of removal of existing live avenue trees does not arise and also taken care of the existing OFC and water pipeline at the location. The Team Leader is therefore requested to offer his comments at the earliest for taking necessary action in the matter.

Yours faithfully,

A.N. Praveen Kumar
 29/10/24

(A.N. Praveen Kumar)

DGM (T) & Project Director

Copy to: EO, Town Panchayat, Puliur, Karur District for information.



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



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

Ref:SAQ/TK/NH-67/NHAI/2024/727

Date:12.09.2024

To

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

Dear Sir,

Subject: Independent Engineer (IE) Service for Operation & Maintenance period of 2/4 laning of Trichy to Karur Section of NH-67 from Km.135/800 to Km.218/028 (including Lalapet ROB 2.28 Km) under NHDP Phase-III on BOT(Toll basis in the State of Tamil Nadu –**Requesting for laying water pipe line along the road from km.207+040 to km.207+353 LHS and km.207+790 to 208+750 RHS by open trench method and also across the road @ km.207+040 by HDD method – Report sought for - Submission - Reg**

Ref: 1.NHAI/PD/TRY/Utility/TWAD/NH-81/2024/1761 dt05.09.2024

2.Executive Officer, Puliur Town Panchayat, Karur, Lr.No.Nil dt30.08.2024

With reference to the letter cited above regarding Requesting for laying water pipe line along the road from km.207+040 to km.207+353 LHS and km.207+790 to 208+750 RHS by open trench method and also across the road @ km.207+040 by HDD method. In this regard the site has been inspected and verified the proposal and our observations are as follow:

- 1.Total proposed length of pipe laying is 1.273 km 90mm HDPE Pipe along the LHS(0.313km) &RHS(0.960km) road by open trench method.
2. Proposed one location crossing at km.207+040=600mm MS Pipe from LHS to RHS by HDD method.

Site Condition observations are as follows:

1. For proposed laying of pipe line by open trench method totally **88nos of Avenue Plants** are affecting on LHS (19nos) &RHS (69nos) and the same has not been mentioned in the proposal.



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

2. Existing OFC (BSNL & Defense) and water pipe are lying on LHS.
3. Existing OFCs are lying on RHS.
4. RR masonry lined drain is there along the extreme end of road from km.207+750 to 208+230 RHS which could not to be disturbed.
5. For cutting and removal of the live tress permission of the Revenue Authorities has to be obtained.
6. Valuation of tress to be made by Forest Department and valuation report to be obtained.
7. As per Supreme Court orders every tree has to be replaced with 1:10 ratio per tree cut down and the same has to be replanted.

In view of the above proposal may be considered based on the site observations points.

This is for your kind information.

Thanking you,

Yours faithfully,

(V.Manimaran)
Team Leader cum Senior Highway Engineer

Encl: As above

Copy to: The Project Manager, TKTRPL, Manavasi



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



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

Ref:SAQ/TK/NH-67/NHAI/2024/763

Date:12.11.2024

To

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

Dear Sir,

Subject: Independent Engineer (IE) Service for Operation & Maintenance period of 2/4 laning of Trichy to Karur Section of NH-67 from Km.135/800 to Km.218/028 (including Lalapet ROB 2.28 Km) under NHDP Phase-III on BOT(Toll basis in the State of Tamil Nadu –**Requesting for laying water pipe line along the road from km.207+040 to km.207+353 LHS and km.207+790 to 208+750 RHS by open trench method and also across the road @ km.207+040 by HDD method – Report sought for - Submission - Reg**

Ref:1.NHAI/PD/TR/Utility/TWAD/NH 81/2024/2155 dt:29.10.2024

2..E.O Town Panchayat Puliur Lr.no.48/2023/Amrut2.0/Puliur/WSIS dt:09.10.20214

3.NHAI/PD/TRY/Utility/TWAD/NH 81/2024/1922 dt:27.09.2024

4.SAQ/TK/NH-67/NHAI/2024/000 Date:12.11.2024

5.NHAI/PD/TRY/Utility/TWAD/NH-81/2024/1761 dt:05.09.2024

6.Executive Officer, Puliur Town Panchayat, Lr.No.Nil dt:30.09.2024

With reference to the letter cited above regarding Requesting for laying water pipe line along the road from km.207+040 to km.207+353 LHS and km.207+790 to 208+750 RHS by open trench method and also across the road @ km.207+040 by HDD method. In this regard the site has been inspected and verified the proposal and our observations are as follow:

1. Total proposed length of pipe laying is 1.273 km 90mm HDPE Pipe along the LHS(0.313km) &RHS(0.960km) road by open trench method.
2. Proposed one location crossing at km.207+040=600mm MS Pipe from LHS to RHS by HDD method.
3. The proposal of laying pipe line is by open trench method, hence Avenue plants will not affect as assured by Executive Officer vide ref:02 cited above.

UIC Head Office : 1101B, 11th Floor, Tower A-II, Ansal Corporate Park, Plot No:7A/1, Sector-142, Noida - 201 301. UP, India. Tele : +91-120 6148098
 QECPL Head Office : 51-C, Dayanand Marg, Allahabad, UP, India. Tel. : 0532 2421941 E-mail : quest_international@rediffmail.com



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

4. While execution of work existing OFC (BSNL & Defense) and water pipe will not affect to be protected as assured by Executive Officer vide ref:02 cited above.
5. While execution proper safety arrangements shall be made without affecting safety of road users.
6. If any damages made by execution agency same shall be restored by their own cost.

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

This is for your kind information.

Thanking you,

Yours faithfully,

(V.Manimaran)
Team Leader cum Senior Highway Engineer

Copy to: The Project Manager, TKTRPL, Manavasi



TRICHY NHAI <trichynhai@gmail.com>

SAQ Lr No.763 - Requesting for laying water pipe line along the road from km.207+040 to km.207+353 LHS and km.207+790 to 208+750 RHS by open trench method and also across the road @ km.207+040 by HDD method – Report sought for - Submission - Reg.

Upham SA Quest Trichy - Karur <uphamsaquestnh67tk@gmail.com>
To: TRICHY NHAI <trichynhai@gmail.com>

Sat, Dec 7, 2024 at 2:34 PM

Dear Sir,

We confirmed the guideline value adopted for this proposal at Puliur.

This is for your kind information and further action.



Thanks & Regards
Trichy - Karur Section
Upham SA Quest
Trichy
Ph:0431 - 4973678

[Quoted text hidden]

2 attachments

Puliur EO TWAD.xls
68K



puliur.pdf
2653K

From

The Executive Officer
Puliyur Town Panchayat
Puliyur
Karur District.

To

The Project Director
NHAI
(PIU) Karumandapam, Trichy

Lr.No.48/2023/Amrut 2.0/Puliyur WSIS/Dated 09.10.2024

Sub: NHAI, Project Implementation Unit, TRICHY - Trichy - Karur section of NH 67 (New NH 81) - Requesting for laying of Water pipe line along the road from Km 207/040 to Km 207/353 (LHS) & Km 207/790 to Km 207/750 (RHS) by open trench **Manual Method** as instructed by the NHAI Officer and also across the road @ km 207/040 by HDD Trenchless Method - Remarks Submitted - Permission Requested - Reg

Ref: 1. Executive officer, Puliyur Town Panchayat, Karur. Lr No Nill Dt.30.08.2024 (Received on 03.09.2024)

2. NHAI /PD/ TRY /Utility/TWAD/NH 81/2024 / 1761 dt 05.09.2024

3. Team Leader, M/s. UPHAM, Trichy letter no. SAQ/TK/NH-67/NHAI/727 Dt.12.09.2024

4. NHAI/PD/TRY/Utility/TWAD/NH 81/2024 / 1922 Dt. 27.09.2024

| | |
|---------------------|------|
| NHAI - PIU - TRICHY | |
| 14 OCT 2024 | |
| Dy.No: | 3377 |
| M(T) | |
| LAU | |
| SE-1 | |
| SE-2 | |
| SE-3 | |
| Accounts | |
| YHE | |
| CO | |

I submit to state the following replies to the remarks pointed out by the NHAI Authorities
Letter cited in Reference No.4.

A field inspection had been arranged by the NHAI Officer with Town Panchayat Officials on 09.10.2024 for resolving remarks pointed out. During the field inspection done by NHAI Officer, it is decided to use Manual Digging Method for excavation for laying of Water Pipeline along LHS (0.313 km) & RHS (0.960 km) not at all using heavy machineries as instructed by the NHAI Officer.

By doing this Manual Method for Pipe Laying work, no question of removal of existing live Avenue Trees arises.

As such the existing OFC and Water pipeline will be taken care of as instructed by the NHAI Officer.

Hence I request that necessary permission may please be granted to lay the pipeline and necessary demand may please be sent to this office early.

Executive Officer,

Puliyur Town Panchayat (SG),
Karur District.

Date: 30.08.2024

From,
EXECUTIVE OFFICER,
Puliyur Town Panchayat,
Karur.

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

Sir,
Sub: laying of Water Pipe line in NH-67 (New NH-81) (Trichy - Karur Section) Along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) and also across the road @ Km.207/040 by Open trench method and HDD method - proposal submitted - approval requested - reg.

I submit here with the proposal for installation of Water Pipe line Along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) and also across the road @ Km.207/040 by Open trench method and HDD method of NH-67 (New NH-81) (Trichy - Karur Section).

In this connection it is proposed to install the Water Pipe across the road, detailed drawing and check list also enclosed.

I request that necessary permission may please be issued, so as to enable to install the Water Pipe Line across the road NH - 67 (New NH-81) and the restoration charges may be intimated to the above address for making payment.

Thanking You Sir,

Yours Faithfully,


EXECUTIVE OFFICER,

Puliyur Town Panchayat,
(Authorized signatory).

Application Details [20240830/1/7/29655/9738]

| | |
|---|---|
| Highway | NH81 [NH81] |
| Name of Highway Authority | NHAI Dwarka New delhi |
| Highway Administration Address | RO-Bengaluru RO-Bengaluru |
| Whether the Fuel Station is part of Rest-area complex | No |
| Name of Applicant/Oil Company | EXECUTIVE ENGINEER Address: PULIYUR TOWN PANCHAYAT KARUR, KARUR (TAMIL NADU), PIN: 639114 Phn: 08925809626 Email: puliyurtp@gmail.com |
| Application Category | Public Utility |
| Utility | Water |
| State | TAMIL NADU |
| Type | New |
| Remarks | Trichy - Karur Section) of NH - 67 (New NH-81) Road Along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) and also across the Road @ Km.207/040. Along Length of 1273 Meters, Across Length of 58 Meters Total Length of 1331 Meters. |
| Submitted On | 30 Aug 2024 18:58:11 |

8/30/24, 7:08 PM

Details

1331

1. Length in Meters *

2. Width of available ROW

I. Left side from center line
towards increasing chainage OR
km direction *

30.00 meters

II. Right side from center line
towards increasing chainage OR
km direction *

30.00 meters

3. Proposal to lay the utility

I. Left side from center line
towards increasing chainage OR
km direction *

29.00 meters.

II. Right side from center line
towards increasing chainage OR
km direction *

29.00 meters

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 *

NIL

7. Number of Existing lanes *

4 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 *

8/30/24, 7:08 PM

| | | |
|---|--|----------------------------------|
| 12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same * | | Yes,Laying only earthen shoulder |
| 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. * | | Yes,Laying only earthen shoulder |
| 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. * | | 50.00 |
| IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. * | | YES |
| V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path * | | YES |
| VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. * | | YES |
| VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 * | | YES |

| | | |
|---|--|-----|
| VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. * | | YES |
| 14. Whether the proposal satisfies the following: | | |
| I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. * | | NA |
| II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. * | | YES |
| III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. * | | YES |
| IV. Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain. * | | YES |

| | | |
|--|--|-----|
| V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. * | | YES |
| 15. Document/Drawings enclosed with the proposal * | | Yes |
| I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) * | | YES |
| II. Cross section showing the size of pit and location of cable for HDD method * | | YES |
| III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. * | | YES |
| IV. Methodology of laying of the Utility Pipeline/OFC * | | YES |
| V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench * | | YES |
| (a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe * | | YES |
| (b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material * | | YES |

| | | |
|---|--|-----|
| (c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust * | | YES |
| (d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. * | | YES |
| (e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. * | | YES |
| (f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. * | | YES |
| (g) If required, a diversion shall be constructed at the expense of agency owing the utility line. * | | YES |
| VI. Horizontal Directional Drilling (HDD) Method * | | YES |
| VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). * | | NO |
| 16. Draft license Agreement signed by two witnesses. * | | YES |
| I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. * | | YES |
| 17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. * | | Yes |

| | | |
|--|--|-----|
| 1. Confirmation of BG has been obtained as per MoRTH guidelines * | | Yes |
| 18. Affidavit/Undertaking from the Applicant for following is to be furnished | | |
| a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. * | | Yes |
| b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. * | | Yes |
| c) Undertaking Confirming all standard condition of Ministry's guidelines. * | | Yes |
| d) Undertaking for indemnity against all damages and claims * | | Yes |
| e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic * | | Yes |
| f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. * | | Yes |
| g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. * | | Yes |
| h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. * | | Yes |
| i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 * | | Yes |

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

Yes

k) Certificate from the applicant in the following format

l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development

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

EXECUTIVE OFFICER, PULIYUR TOWN PANCHAYAT, KARUR

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

Yes

Locations

| Sno | State | District | Highway /Stretch | Start Point | End Point | View |
|-----|------------|----------|--|--|--|------|
| 1 | TAMIL NADU | KARUR | NH81 [NH81] (128.850-272.571) From Km: 207.04 To Km: 208.75 | Chainage Point: 207.04 Lat: 10.924 Lng: 78.144 | Chainage Point: 208.75 Lat: 10.925 Lng: 78.137 | View |

Documents

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

Applicable Fee Details

| Sno | Fee Head | Stage | Fee | Amount | Status |
|-----|--------------|--------------------|--------------|--------|--------|
| 1 | Utility Fees | Technical Approval | License Fees | 27.59 | |

CHECK - LIST

Guidelines for Project Directors for processing the proposal for Water Pipe Line in the land across the road National Highways vested with NHAI.

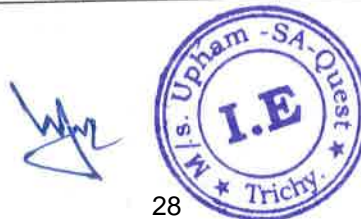
• **Relevant circulars**

- 1) Ministry Circular No. NH-41 (58)/68 dated 31.1.1969
- 2) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976
- 3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
- 5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 6) Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
- 7) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003
- 8) Ministry Circular No. RW/NH-33044/27/2005-S&R (R) dated 06.08.2013
- 9) Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016

Check list for getting approval for laying of Water Pipe Line on NH land

| S. No. | Item | Information/ Status | Remarks |
|--------|---|---|---------|
| 1 | General Information | | |
| 1.1 | Name and Address of the Applicant/Agency | EXECUTIVE OFFICER, Puliyur Town Panchayat, Karur. | |
| 1.2 | National Highway Number | NH - 67 (New NH-81) | |
| 1.3 | State | TamilNadu | |
| 1.4 | Location | (Trichy - Karur Section) | |
| 1.5 | (Chainage in km) | Along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) Across the road @ Km.207/040. | |
| 1.6 | Length in Meters | 1331 meters | |
| 1.7 | Width of available ROW | | |
| | (a) Left side from center line towards increasing chainage/ km direction | 30.00 meters. | |
| | (b) Right side from center line towards increasing chainage/ km direction | 30.00 meters. | |
| 1.8 | Proposal to lay underground Water pipe line. | | |
| | (a) Left side from center line towards increasing chainage / km direction | 29.00 meters. | |
| | (b) Right side from center line towards increasing chainage/ km direction | 29.00 meters. | |
| 1.9 | Proposal to acquire land | | |
| | (a) Left side from center line | | |
| | (b) Right side from center line | NA | |
| 1.10 | Whether proposal is in the same side where land is not to be acquired | | |


Executive Officer
Puliyur Town Panchayat (SG),
Karur District

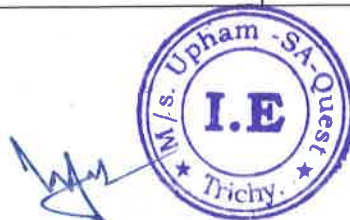


28


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

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


Executive Officer
Puliyur Town Panchayat (SG),
Karur District




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

| | | | |
|------|---|-----|--|
| | (d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, Safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only. | | |
| 1.18 | If crossings 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 owning the line | Yes | |
| | (a) Existing drainage structures shall not be allowed to carry the lines. | Yes | |
| | (b) Is it on a line normal to NH | Yes | |
| | (c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures | Yes | |
| | (d) The casing pipe (or conduit pipe in the case of pipe line) carrying the utility 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. | Yes | |
| | (e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path. | Yes | |
| | (f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills. | Yes | |
| | (g) The top pf the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. | Yes | |
| | (h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type. | Yes | |
| | (i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it. | Yes | |
| 2 | Document / Drawings enclosed with the proposal | Yes | |

Executive Officer 09/12/2024

Puliyur Town Panchayat (SG),

File No. TNDIV-20022/45 / 2024-PIU Trichy. (Computer No. 268988)

Generated from eOffice by CHANDRA SEKHAR M, DGM (RO Madurai) - MCS, DEPUTY GENERAL MANAGER RO MADURAI, RO Madurai on 24/12/2024 04:30 PM



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


| | | | |
|-------|---|---------------------------------------|---|
| 2.1 | Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide) (i) Should not be greater than 60 Cm wider than the outer diameter of the pipe (ii) located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway. (iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges (iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land. | Yes | |
| 2.2 | Cross section showing the size of pit and location of pipe for HDD method | Yes | |
| 2.3 | Strip plan/ Route Plan showing Water Supply pipe line, Chainage, width of ROW, distance of proposed, pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc. | Yes | / |
| 2.4 | Methodology for laying of showing Water Supply pipe line. | Yes (Open Trench Method & HDD Method) | |
| 2.4.1 | Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench | Yes | |
| | (a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe. | Yes | |
| | (b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged 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 | |

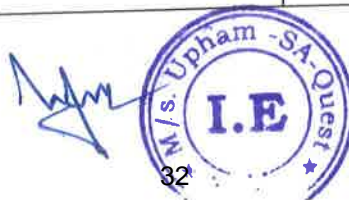
Executive Officer
Puliyur Town Panchayat (SG),
Karur District



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


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| | (d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted. (e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. | Yes | |
| | (f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours. | Yes | |
| | (g) If required, a diversion shall be constructed at the expense of agency owning the utility line | Yes | |
| 2.4.2 | Horizontal Directional Drilling (HDD) Method | Yes | |
| 2.4.3 | Laying of Water Pipe Line through CD works and method of laying | No. | |
| 3 | Draft License Agreement signed by two witnesses | Yes, enclosed with proposal | |
| 4 | Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs100/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth. | To be obtained. | |
| 4.1 | Performance BG as per above is to be obtained. | To be obtained. | |
| 4.2 | Confirmation of BG has been obtained as per NHAI guidelines | To be obtained at the time of execution of Agreement. | |
| 5 | Affidavit / Undertaking from the Applicant for | Yes | |
| 5.1 | Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency | Yes, enclosed with proposal | |
| 5.2 | Renewal of Bank Guarantee | Yes, enclosed with proposal | |
| 5.3 | Confirming all standard condition of NHAI's guideline | Yes, enclosed with proposal | |


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| 5.4 | Shifting of Water pipe line as and when required by NHAI at their own cost | Yes, enclosed with proposal | |
| 5.5 | Shifting due to 6 lanning with paved shoulder / widening of NH | Yes, enclosed with proposal | |
| 5.6 | Indemnity against all damages and claims clause (xxiv) | Yes, enclosed with proposal | |
| 5.7 | Traffic movement during laying of Water pipe line to be managed by the applicant | Yes, enclosed with proposal | |
| 5.8 | If any claim is raised by the Concessionaire then the same has to be paid by the applicant | Yes, enclosed with proposal | |
| 5.9 | Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing Water pipe line located in the National highway right-of-ways. | Yes, enclosed with proposal | |
| 5.10 | Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water pipe line will be borne by the agency owning the line. | Yes, enclosed with proposal | |
| 5.11 | If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given. | Yes, enclosed with proposal | |
| 5.12 | Certificate from the applicant in the following format (i) Laying of Water pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) for 6 -lanning with paved shoulder "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six- lanning or any other development." | Yes, enclosed with proposal | |
| 6. | Who will sign the agreement on behalf of of Water pipe line agency | EXECUTIVE OFFICER, Puliyur Town Panchayat, Karur. | |


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| 8 | If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [Trichy - Karur Section] along the road from Km.207/040 to Km.207/353 (LHS) & Km.207/790 to Km.208/750 (RHS) and also across the road @ Km.207/040 of NH-67 (New NH-81) on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same." | Yes | |
| 9 | Who will supervise the work of laying of Water pipe line | Consultants and relevant filed Officers of NHAI. | |
| 10 | Who will ensure that the defects in road portion after laying of Water pipe line are corrected and if not corrected then what action will be taken. | BG will encashed. 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 PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed). | Yes. | |
| 13 | if any previous approval is accorded for laying of underground Water pipe line then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed | Yes. | |


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