



No. RW/TRI/Utility/15/2018-19

Government of India

Ministry of Road Transport & Highways

Regional Office (Kerala & Lakshadweep Region)

Public Office Building, Opposite to Museum,

Thiruvananthapuram - 695033.

Phone No. 0471-2320879, 2326306; email : rokeralamorth@gmail.com

Dated:29.11.2018

Invitation of public comments

**Sub:-** Proposal for permission to lay Water Supply Pipe by Kerala Water Authority from Km.07/070 to 09/070 of Four laning connectivity to ICTT vallarpadam from Kalamassery (0/000) to ICTT Vallarpadam (Km.17/121) section of NH-966A (old NH-47C) under NHAI in the State of Kerala- reg.

The proposal is seeking permission to laying Water Supply pipe line along the road from Km.07/070 to 09/070 on NH-966A (Old NH 47C)(Kalamassery to Vallarpadam) at Kothad to Moolampilly section of the Ernakulam district in the state of Kerala by KWA submitted to this office vide PD,NHAI, Ernakulam's letter dated 25.10.2018 in accordance with Ministry's latest guidelines dated 22.11.2016.

2. The proposal for laying of Water pipe line along the NH from Km.07/070 to 09/070 and on NH-966A (Old NH 47C) as under:

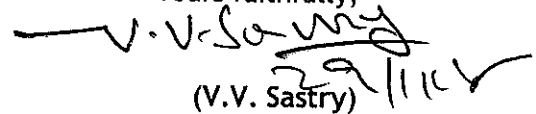
| Stretch in Km.                          | Length (Km.) | ROW (m) | Dist. Of Prop. Water pipe line from centre of NH (m). |
|---|--------------|---------|---|
| NH Crossing- Size of pipe 200mm DI pipe |              |         |   |
| At Km.07/070                            | 0.045 km     | 45.00   | NA  |
| RHS - Size of pipe 200mm DI pipe        |              |         |   |
| 07/070 to 07/175                        | 0.105 km     | 45.00   | 21.50   |
| NH Crossing- Size of pipe 200mm DI pipe |              |         |   |
| At Km.07/175                            | 0.045 km     | 45.00   | NA  |
| LHS - Size of pipe 250mm DI pipe        |              |         |   |
| 07/175 to 07/715                        | 0.540 km     | 45.00   | 21.50   |
| NH Crossing- Size of pipe 250mm DI pipe |              |         |   |
| At Km.07/715                            | 0.045 km     | 45.00   | NA  |
| RHS- Size of pipe 200mm DI pipe         |              |         |   |
| 07/730 to 08/200                        | 0.470 km     | 45.00   | 21.50   |
| NH Crossing- Size of pipe 200mm DI pipe |              |         |   |
| At Km.08/200                            | 0.060 km     | 45.00   | NA  |
| RHS - Size of pipe 160mm PVC pipe       |              |         |   |
| 08/200 to 09/070                        | 0.870 km     | 45.00   | 21.50   |

3. The Executive Engineer, Project Division, KWA, Perumbavoor has proposed to lay water pipe line from Km.07/070 to 09/070 on NH-966A (Old NH-47C) by open trench method.
4. The Executive Engineer, Project Division, KWA, Perumbavoor has furnished an undertaking that, they will shift the water pipe line if required by NHAI or any other Highways authorities within the time prescribed by NHAI/Highway Authority. Further, it is also mentioned by the Executive Engineer, Project Division, KWA, Perumbavoor that the proposed water pipe line work will not affect the design, stability, traffic safety and future improvement of proposed stretch. In addition, all the undertakings as prescribed in the checklist has been furnished by the Executive Engineer, Project Division, KWA, Perumbavoor.
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 application will be made available for public comments and the comments will be invited within 30 days from the date of uploading in the Ministry's web site.
6. In view of above, comments of the public on the above proposal is invited to the below mentioned address:

The Regional Officer  
Ministry of Road Transport & Highways,  
Public Office Building,  
Thiruvananthapuram - 695033.

Encl: As above.

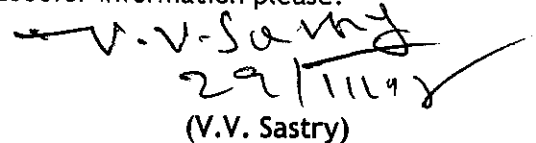
Yours faithfully,

  
(V.V. Sastry)

Regional Officer cum Highway  
Administrator

Copy to:

1. Senior Technical Director, NIC for uploading in the Ministry's website
2. The Project Director, National Highways Authority of India, VII/511-B, Neytheli-Mavelipuram Road, Mavelipuram, Kakkanad, Ernakulam - 682030 for information please.

  
(V.V. Sastry)

Regional Officer cum Highway  
Administrator



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना निदेशक कार्यालय

Office of the Project Director

VII/511-बी, नेयतेली - मावेलीपुरम सड़क,

VII/511-B, Neytheli-Mavelipuram Road

मावेलीपुरम, काक्कनाड - 682030, एरणाकुलम जिल्ला (केरल)

Mavelipuram, Kakkanad - 682030, Ernakulam District (Kerala)

टेलिफोन / फैक्स : 0484 - 4864616

Telephone / Fax: 0484 - 2989417

ई - मेल : cochin@nhai.org

E-mail : cochinnhai@gmail.com

81. MO-1 CR2

NHAI/PIU/COCHIN/ICTT/UGC/264/2018/984

25<sup>th</sup> October 2018

To

The Regional Officer,  
Regional Office (Kerala & Lakshadweep Region),  
Public Office Building,  
Opposite to Museum,  
Thiruvananthapuram - 695033  
e-mail - rokeralamorth@gmail.com

|             |                |
|-------------|----------------|
| M O R T H   |                |
| R O T V M   |                |
| R O         |                |
| E E         |                |
| Dy No 81153 | Dated 29/10/18 |

Sub: NHAI PIU-Cochin - Four Lane NH Connectivity to ICTT Vallarpadam from Kalamassery (Ch.Km 0+000) to ICTT Vallarpadam (Ch.Km 17+121) on NH 966A (Old NH 47C) in the State of Kerala - Permission to lay water supply pipe line From Ch.Km 07+070 to Ch.Km 09+070 - Submission of proposal - for approval - regarding

- Ref:
1. KWA Lr. No. PD/DB-1156/2016 GL. Dt. 17.10.2017
  2. MoRTH Circular No. RW/NH-33044/29/2015/S&R(R) Dt. 22.11.2016
  3. KWA Lr. No. PD/DB-1156/2016 Dt. 20.03.2018
  4. PD PIU-Cochin Lr. No. NHAI/PIU/COCHIN/UGC/264/2018/489 Dt. 23.05.2018
  5. KWA Lr. No. PD/DB-1156/2016 GL. Dt. 25.06.2018
  6. NHAI RO-Kerala Lr. No. NHAI/RO-Kerala/15022/2018/1205 dt. 10.10.2018

This is regarding granting of permission to Kerala Water Authority for laying of water supply pipe line from Ch.Km 07+175 to Ch.Km 07+715 = 540 m (250 mm dia. DI Pipe) on LHS) from Ch.Km 07+070 to Ch.Km 07+175 = 195 m (200 mm dia. DI pipe) on RHS, from Ch.Km 07+730 to Ch.Km 08+200 = 530 m (200 mm dia. DI pipe) on RHS, from Ch.Km 08+200 to Ch.Km 09+070 = 870 m (160 mm PVC pipe) on RHS for a total length of 2135 m along NH-966A (Old NH-47C) in the Four lane connectivity to ICTT Vallarpadam from Kalamassery to ICTT Vallarpadam.

The Executive Engineer KWA vide reference (3) above has submitted the proposal along with drawings to this office as per the Ministry Guidelines. Accordingly, the proposal has been examined by this office. KWA has proposed to lay the water pipe line in various diameters through open trench method. The necessary berm is available on both sides of the RoW in the above mentioned chainages.

Based on the proposal and following provisions of the circular [cited under reference (2)], this office had requested KWA vide letter cited under reference (4) to submit the payments towards restoration of open pit and Rs. 1,71,518/- as License fees [by way of Demand Draft in favour of "National Highways Authority of

25/10/18

निगमित कार्यालय : जी-5 एवं 6, सेक्टर -10, द्वारक, नई दिल्ली - 110075

Corporate Office : G-5 & 6, Sector -10, Dwaraka, New Delhi - 110075

India" payable at Cochin]. In addition to that, performance bank guarantee has to be submitted by KWA for an amount of Rs. 3,13,500/- , which will be submitted by KWA after obtaining sanction from the competent authority, RO MoRTH.

The Executive Engineer vide reference (5) above has submitted the required payments in favour of "National Highways Authority of India" towards restoration charges and license fee.

The application in the prescribed format with all required drawings, undertakings etc was forwarded to NHAI RO-Kerala. NHAI RO-Kerala vide letter cited under reference (6) requested this office to inform the utility owning department to apply online and submit the proposal as per SoP mentioned in the circular mentioned under reference (2). Therefore, after obtaining the copy of the application submitted online (copy enclosed) by KWA, this office is hereby forwarding the application with all the required documents to RO MoRTH since RO MoRTH is the Competent Authority for issuing the approval as per the circular cited under reference (2). It is requested that approval may kindly be accorded and necessary orders issued so that further necessary action may be taken in this regard.

Encl: As above  
original proposal - 1 set

Yours faithfully



(P. K. Suresh)  
Project Director (A/C)

Copy for kind information to :GM(T) & RO-Kerala

## CHECK - LIST


**Guidelines for Project Directors for processing the proposal for laying of Water Supply Pipe Line in the land along National Highways vested with NHAI.**

• **Relevant Circulars**


- 1) Ministry Circular No. NH-41 (58)/68 dated 31-01-1969
- 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 11-05-1982.
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28-07-1993.
- 5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19-01-1995.
- 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 17-09-2003.

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

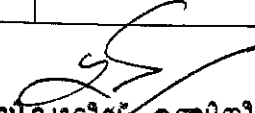
| Sl. No. | Item  | Information/ Status   | Remarks |
|---------|---|---|---------|
| 1       | General Information   |   |         |
| 1.1     | Name and Address of the Applicant/Agency                                    | Sri. A. Naushad<br>Executive Engineer,<br>KWA, Project Division,<br>Perumbavoor |         |
| 1.2     | National Highway Number   | NH -966A  |         |
| 1.3     | State   | Kerala  |         |
| 1.4     | Location  | Kothad to Moolampilly.  |         |
| 1.5     | (Chainage in Km.)   | Ch. 7+070 To<br>Ch.9+070  |         |
| 1.6     | Length in Meters  | 250mm DI PIPE<br>540.00m.   |         |
|         |   | 200mm DI PIPE<br>470.00m & 105.0m   |         |
|         |   | 160mm PVC PIPE<br>870.00m   |         |
|         |   | Number of crossing<br>3 Nos.  |         |
| 1.7     | Width of available ROW  |   |         |
|         |   |   |         |
|         | (a) Left side from center line towards increasing chainage / Km direction.  | 22.50m.   |         |
|         | (b) Right side from center line towards increasing chainage / Km direction. | 22.50m.   |         |

  
**Executive Engineer**  
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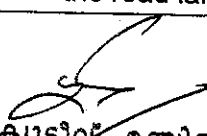
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|------|--|--|---|
| 1.8  | Proposal to lay underground water carrying pipe  |  |   |
|      | (a) (i) Left side from center line towards increasing chainage / Km. direction.  | Ch. 7+175 To Ch. 7+715 =540.00m(250mm. DI pipe)  | ✓ |
|      | (b) (i) Right side from center line towards increasing chainage / Km. direction.   | Ch. 7+070 To Ch. 7+175 =105.00m(200mm. DI pipe)- | ✓ |
|      | (ii) Right side from center line towards increasing chainage / Km. direction   | Ch. 7+730 To Ch. 8+200=530.00m(200mm. DI pipe)   | ✓ |
|      | (iii) Right side from center line towards increasing chainage / Km. direction  | Ch. 8+200 To Ch. 9+070=870.00m(160mm. PVC pipe)  |   |
| 1.9  | Proposal to acquire land   | No acquisition of land to be done.               |   |
|      | (a) Left side from center line   | NA   |   |
|      | (b) Right side from center line  | NA   |   |
| 1.10 | Whether proposal is in the same side where land is not to be acquired  | Yes  |   |
|      | If not then where to lay the water supply pipe   | NA   |   |
| 1.11 | Details of already laid services, if any, along the proposed route.  | Yes, GAIL pipe line at some portion on LHS.      |   |
| 1.12 | Number of lanes(2/4/6/8 lanes) existing  | 4 Lane   |   |
| 1.13 | Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)   | NIL  |   |
| 1.14 | Service road existing or not   | Yes  |   |
|      | If yes then which side   | both   |   |
|      | (a) Left side from center line.  | 11.25 m  |   |
|      | (b) Right side from center line.   | 11.25 m  |   |
| 1.15 | Proposed Service road  | N.A  |   |
|      | (a) Left side from center line.  | -  |   |
|      | (b) Right side from center line.   | -  |   |
| 1.16 | Whether proposal to lay Water Supply Pipe line is after the service road or between the service road and main carriageway. | After the service road.                          |   |

  
 Executive Engineer  
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|------|--|--|--|
| 1.17 | <p>The permission for laying of Water Supply Pipe Line shall be considered for approval/rejection based on the Ministry Circulars mentioned as above</p> <p>(a) Carrying of sewage/gas pipelines on highway bridges shall not be permitted as Furnes / gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.</p> <p>(b) Carrying of water pipe lines on bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridges is finalized, they may be permitted to carry the pipe line on independent superstructure, supported on extended portions of piers and abutments in such a manner than in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs etc.</p> <p>(c) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.</p> <p>(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 <b>Ministry's Project Chief engineers only.</b></p> | Water supply pipe line- can be considered for approval |  |
| 1.18 | <p><b>If Crossings of the road involved.</b></p> <p>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 lines.</p>  | Yes  |  |
|      | (a) Existing drainage structures shall not be allowed to carry the lines   | Yes  |  |
|      | (b) Is it on a line normal to NH   | Yes  |  |


  
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 Executive Engineer  
 പ്രോജക്ട് ഡിവിഷൻ  
 പൊതുമരാമത്ത്

|     |   |                 |  |
|-----|---|-----------------|--|
|     | (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   | More than 15 m. |  |
|     | (d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.  | NA              |  |
|     | (e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.   | NA              |  |
|     | (f) The casing/conduit pipe should, as minimum extend from rain to drain in cuts and toe of slope toe slope in the fills.   | Yes             |  |
|     | (g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3m below the drain inverts.   | Yes             |  |
|     | (h) Crossing shall be by boring method (HDD) especially 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/Drawing enclosed with the proposal.  | Yes             |  |
| 2.1 | Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep x 0.3m wide)<br>(i) Should not be greater than 60cm wider than the outer diameter of the pipe.<br>(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 carriage way. | Yes             |  |
|     | (iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.  | NA              |  |
|     | (iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.   | NA              |  |

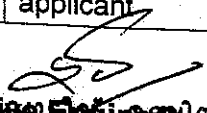
  
 എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ  
 Executive Engineer  
 പ്രോജക്ട് ഡിവിഷൻ  
 പൊതുമരാമത്ത്



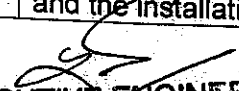
|       |  |     |  |
|-------|--|-----|--|
| 2.2   | Cross section showing the size of pit and location of cable for HDD methods.   | N.A |  |
| 2.3   | Strip plan/Route Plan showing Water Supply pipe line, Chainage, width of ROW, important mile stone, intersections, cross drainage works etc.   | Yes |  |
| 2.4   | Methodology for laying of showing Water Supply pipe line.  | Yes |  |
| 2.4.1 | Open trench method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.) If yes, Methodology or refilling of trench.  | Yes |  |
|       | (a) The trench width should be at least 30cm, but not more than 60cm 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 30cm. 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  | Yes |  |
|       | Unsuitable soil and rock edged should be excavated and replaced by selected material   |     |  |
|       | (c) The backfill shall be completed in 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 15cm 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 materials that had been removed. Consolidation by saturation or ponding will not be permitted.<br>(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 |  |

  
 Executive Engineer  
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 പ്രോജക്ട് ഡിവിഷൻ


|       |  |   |  |
|-------|--|---|--|
| 2.4.2 | Horizontal Directional Drilling (HDD) Method   | No  |  |
| 2.4.3 | Laying of Water Supply Pipe Line through CD works and method of laying   |   |  |
|       | (a) On approaches, the water mains/cables shall be carried along a line as close to the edge of the right-of ways as possible up-to a distance of 30m from bridge and subject to all other stipulation contained in this Ministry's guidelines issued with letter No. NH-HI/P?66/76 dated 19.11.1976   | NA  |  |
| 3     | Draft Licenses Agreement signed by two witnesses   | Yes   |  |
| 4     | Performance Bank Guarantee in favor of NHAH has to be obtained @ 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 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 NHAH to the licensee for cleaning debris / loose earth. | Yes, bank guarantee will be submitted on sanction |  |
| 4.1   | Performance BG as per above is to be obtained  | Yes will be submitted after sanction              |  |
| 4.2   | Confirmation of BG has been obtained as per NHAH guidelines  | Yes will be submitted after sanction              |  |
| 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 NHAH or to the concerned agency  | Yes   |  |
| 5.2   | Renewal of Bank Guarantee  | Yes   |  |
| 5.3   | Confirming all standard condition of NHAH's guide line   | Yes   |  |
| 5.4   | Shifting of Water Supply pipe line as and when required by NHAH at their own cost  | Yes   |  |
| 5.5   | Shifting due to 6 lining / widening of NH  | Yes   |  |
| 5.6   | Indemnity against all damages and claims clause (xxiv)   | Yes   |  |
| 5.7   | Traffic movement during laying of Water Supply pipe line to be managed by the applicant  | Yes   |  |
| 5.8   | If any claim is raised by the Concessionaire then the same has to be paid by the applicant   | Yes   |  |

  
**Executive Engineer**  
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 പ്രൊജക്ട് ഡിവിഷൻ

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|------|---|---|--|
| 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 Supply pipe line located in the National highway right -of- ways   | Yes   |  |
| 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 Supply pipe line will be borne by the agency owning the line.   | Yes   |  |
| 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   |  |
| 5.12 | <p>Certificate from the applicant in the following format</p> <p>(i) Laying of Water Supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(ii) for 6 lining " We do undertake that I will relocate service road/approach road/utilities at my own cost not with standing the permission granted within such time as will be stipulated by NHAI" for future six- lining or any other development.</p> | Yes   |  |
| 6    | Who will sign the agreement on behalf of Water Supply pipe line agency  | Sri. A. Naushad<br>Executive Engineer,<br>KWA, Project Division,<br>Perumbavoor |  |
| 7    | Certificate from the Project Director   | Yes   |  |
| 7.1  | Certificate for confirming of all standard condition issued vide Ministry Circular No. NH- III/P/66/76 dated 19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982 and Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995.  | Yes   |  |
| 7.2  | <p>Certificate form PD in the following format</p> <p>(i) "It is certified that any other location of The water supply pipe line would be extremely difficult and unreasonable costly and the installation of water Supply pipe line</p>  | Yes   |  |

  
**EXECUTIVE ENGINEER**  
 Kerala Water Authority  
 Project Division  
 Perumbavoor

|     |   |   |  |
|-----|---|---|--|
|     | <p>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>ii) for 6 – lining</p> <p>a)Where feasibility is available " I do certify that there will be no hindrance to proposed six-lining based on the feasibility report considering proposed structures at the said location"</p> <p>b) In case feasibility report is not available " I do certify that sufficient ROW is available at site for accommodating proposed six – lining</p> |   |  |
| 8.  | <p>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 (section from Km..... to Km .....</p> <p>..... of NH No. .... on build, Operate and Transfer Basis) and therefore, the licensee shall honour the same."</p>  | Yes, included in the license deed.  |  |
| 9.  | Who will supervise the work of laying of Water Supply pipe line   | Sri. A. Naushad<br>Executive Engineer,<br>KWA, Project Division,<br>Perumbavoor |  |
| 10. | Who will ensure that the defects in road portion after laying of Water supply pipe line are corrected and if not corrected then what action will be taken.  | Project Director,<br>NHAI, Cochin   |  |
| 11. | Who will pay the claims for damages done/ disruption in working of Concessionaire if asked by the concessionaire.   | Sri. A. Naushad<br>Executive Engineer,<br>KWA, Project Division,<br>Perumbavoor |  |
| 12. | A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa (copy enclosed)   | Copy Enclosed   |  |
| 13. | If any previous approval is accorded for laying of underground water supply pipe then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed  | No.   |  |

  
**EXECUTIVE ENGINEER**  
 Kerala Water Authority  
 Executive Engineer  
 Perumbavoor