



**भारतीय राष्ट्रीय राजमार्ग प्राधिकरण**  
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways, Govt. of India)  
क्षेत्रीय कार्यालय, केरल / Regional Office, Kerala



टी.सी.86/1036-1, अंब्ली आर्केड, एस एन एन आर ए-9, पेट्टा पी.ओ., तिरुवनंतपुरम - 695 024, केरल  
T.C.86/1036-1, Ambly Arcade, S.N.N.R.A-9, Pettah - P.O., Thiruvananthapuram-695 024, Kerala  
दूरभाष / Ph : 0471-2460060 ई-मेल / E-mail : rokerala@nhai.org, nhai.ro.tvc@gmail.com, वेब / Web : www.nhai.gov.in

11246/RO-Kerala/Utilitylaying/KWA-JJM/Consol./2376

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**INVITATION OF PUBLIC COMMENTS**

Sub:-

- Existing 2-Lane National Highway-966 from Kozhikode to Palakkad (Km 15+656 to Km 140+960)- Laying of Water Supply pipelines from (i) Km 37+450 to 37+500 (400mm MS Pipe) on LHS through RCC Utility duct (1.2m x 1m inner dimensions) and crossing through HDD at Km.37+500 (through casi, (ii) Km 69+750 to Km 70+440 (200mm DI pipe) through Open Trenching on RHS, Km 70+440 to km 71+850 (200mm MS and 350mm MS Pipe) through RCC Duct(1.2m x 1m inner dimensions) on RHS and Km 71+850 to Km 74+350 through Open Trenching (250mm DI and 300mm DI pipe) on RHS and crossing at km 70+255,Km 70+630,Km 71+320,Km 71+860,Km 73+000,Km 73+360,Km 74+050 through HDD method, (iii) Km 18+000 to Km 22+125 (150 mm HDPE Pipe) on BHS through open trenching (& RCC Utility Duct(1.2m x 1m inner dimensions) where utility corridor is not available), (iv) Km 63+360 to Km 63+440 (400mm MS Pipe)on RHS through RCC Utility Duct(1.2m x 1m inner dimensions) and crossing at Km 63+360 through HDD, (v) Interconnection of new line with existing pipe line at km.59+500 (LHS) through Utility duct, (vi) Km 22+125 to Km 24+720 (150 mm HDPE Pipe) on BHS through open trenching (& RCC Utility Duct(1.2m x 1m inner dimensions) where utility corridor is not available), (vii) Km 74+350 to 83+420 (90mm HDPE pipe, 150mm HDPE & GI Pipe & 200mm DI, 250 MS pipe and 300 MS pipe) on BHS through open trenching (& RCC Utility Duct (1.2m x 1m inner dimensions) where utility corridor is not available), (viii) Crossings at Km 75+550, Km 77+975, Km 80+370, Km 81+090, Km 82+670 through HDD method
- Existing 2-Lane National Highway-966 from Kozhikode to Palakkad (Km 15+656 to Km 140+960)- Laying of 160mm HDPE Water Supply pipelines for length of 850m from Km. 68+900 to Km. 69+750 on LHS through RCC Utility duct(1.2m x 1m inner dimensions)-Reg.
- Existing 2-Lane National Highway-966 from Kozhikode to Palakkad (Km 15+656 to Km 140+960)- (i) Laying of 160mm HDPE pipe from Ch.Km. 65+250 to Km.65+700 and Km.67+100 to Km.67+450 through RCC Utility duct(1.2m x 1m inner dimensions) on BHS. (ii) Laying of 160mm HDPE Pipe from Km.64+760 to Km.64+860, Km.65+700 to Km.66+100,Km.66+360 to Km.66+740,Km.66+860 to Km.66+960 and Km.67+450 to Km.67+900 through HDD method on RHS (iii) Laying of 160mm HDPE Pipe from Km.64+760 to Km.64+860, Km.65+700 to Km.66+100,Km.66+360 to Km.66+740,Km.66+860 to Km.66+960,Km.67+300 to Km.67+900 through HDD method on LHS. (iv) Laying of 160mm HDPE Pipe along the road from Km.63+250 to Km.64+760,Km.64+860 to Km.65+250,Km.66+100 to Km.66+360,Km.66+74 to Km.66+860 through open trenching method on BHS (v) Laying 250mm MS pipe with 400mm casing pipe for Road crossing at Km. 66+960 through HDD method.
- Existing 2-Lane National Highway-85 from Kochi to Kerala/Tamilnadu Border (Km.119+017 to Km.286+610)- Laying of 90mm and 160mm PVC pipe from Km.23+220 to Km.26+250 through open trenching & RCC duct (where utility corridor is not available)
- Existing 2-Lane National Highway-85 from Kochi to Kerala/Tamilnadu Border (Km.119+017 to Km.286+610)- Laying of 90mm, 110mm, 200mm, 250mm & 160mm PVC/HDPE/DI pipe from Km.51+450 to Km.66+650 BHS through open trenching & RCC duct (where utility corridor is not available)
- Existing 2-Lane National Highway-85 from Kochi to Kerala/Tamilnadu Border (Km.119+017 to Km.286+610)- Laying of 100mm & 350mm DI pipe from Km.45+300

- to Km.48+100 BHS through open trenching & RCC duct (where utility corridor is not available)
7. Existing 2-Lane National Highway-85 from Kochi to Kerala/Tamilnadu Border (Km.119+017 to Km.286+610)- Laying of 90mm, 160mm, 200mm & 250mm PVC/DI pipe from Km.09+280 to Km.23+220 BHS through open trenching & RCC duct (where utility corridor is not available)
  8. Existing 2-Lane National Highway-85 from Kochi to Kerala/Tamilnadu Border (Km.119+017 to Km.286+610)- Laying of 90mm, 100mm, 110mm, 160mm & 250mm HDPE/DI pipe from Km.111+250 to Km.124+640 LHS through open trenching & RCC duct (where utility corridor is not available)
  9. Existing 2-Lane National Highway-85 from Kochi to Kerala/Tamilnadu Border (Km.119+017 to Km.286+610)- Laying of 160mm & 200mm HDPE/DI pipe from Km.78+750 to Km.98+950 BHS through open trenching & RCC duct (where utility corridor is not available)
  10. Existing 2-Lane National Highway-85 from Kochi to Kerala/Tamilnadu Border (Km.119+017 to Km.286+610)- Laying of 90mm HDPE/PVC pipe from Km.98+950 to Km.111+250 BHS through open trenching & RCC duct (where utility corridor is not available)
  11. Six-laning of Ramanattukara to Start of Valanchery Bypass from Km. 258.818 to Km 298.500 section of NH-66 (Old NH17) on Hybrid Annuity Mode under BharatmalaPariyojna in the State of Kerala- Laying of 110mm PVC, 250mm DI Pipe, 200mm DI, 160mm PVC and 140mm PVC Pipe from Km.29+300 to Km.292+000 (LHS) and 290+650 to 294+00 (RHS) through RCC Utility duct (inner dimension of 3.5m width) and crossings at Km.292+000 (250mm DI), Km.291+600 (110mm PVC), Km.291+360 (140mm PVC) and Km.290+650 (200mm DI) through HDD method (including casing pipes)
  12. NHAI-RO Kerala-Six-laning of Ramanattukara to Start of Valanchery Bypass from Km. 258.818 to Km 298.500 section of NH-66 (Old NH-17) on Hybrid Annuity Mode under BharatmalaPariyojna in the State of Kerala- Laying of 350mm pipe from Km.293+980 to Km.294+230 BHS through HDD method and Crossing of 350mm Pipe at Km.294+230 through HDD method by Kerala Water Authority
  13. Six-laning of Ramanattukara to Start of Valanchery Bypass from Km. 258.818 to Km 298.500 section of NH-66 (Old NH17) on Hybrid Annuity Mode under BharatmalaPariyojna in the State of Kerala- Laying of Water Supply pipelines from Km.293+000-Km.298+500LHS (140mm PVC/160mm PVC/200mm DI pipe through HDD method) by Kerala Water Authority
  14. Six-laning of Start of Valanchery Bypass to Kappirikkad from Km. 298.500 to Km.335.850 section of NH-66 (Old NH-17) on Hybrid Annuity Mode under BharatmalaPariyojna in the State of Kerala- Laying of Water Supply pipelines from Km.298+610-Km.299+400 LHS (3500mm wide Load bearing duct), from Km.298+610-Km.299+350 RHS (3500mm wide Load bearing duct) and crossing at Km.298+610 through 3500mm wide Load bearing duct
  15. Widening of Edamon-Kollam section from Km 0+000 to Km 52+200 of NH-744 to 2 lane with paved shoulder on EPC Mode under NH(O) in the state of Kerala- (i) Laying of 500mm, 200mm, 150mm and 140mm Pipes on BHS through load bearing concrete Duct from Km.20+742-Km.23+910 and 02 crossings of 800mm pipe at Ugrankunnu&Plamodu Jn. and 03 crossings of 300mm pipe at Killoor Jn. &Ambalathumkala Jn. through HDD (including casing pipe) (ii) Laying of 500mm, 160mm and 90mm Pipes on BHS through load bearing concrete Duct from Km.26+600-Km.34+400 and 01 crossing of 400mm pipe at Chengamanadu Jn. Through HDD (including casing pipe) (iii) Laying of 250mm and 90mm Pipes on BHS through load bearing concrete Duct from Km.33+720-Km.42+676 and 01 crossing 400mm pipe at Kottavattom Jn. Through HDD (including casing pipe)
  16. Four laning of Kerala/Tamilnadu Border to Edamon (Km.0+000 to Km.23+002) section of NH-744 in the State of Kerala under BharatmalaPariyojana- (i) Laying of 160mm Pipe from Km.49+600 to Km.59+100 BHS through Open trenching/HDD (where Utility corridor not available) (ii) Laying of 200mm Pipe from Km.63+100 to Km.65+600 BHS through Open trenching/HDD (where Utility corridor not available) and (iii) Laying of 110mm Pipe from Km.69+800 to Km.72+800 BHS through Open trenching/HDD (where Utility corridor not available)

I/14549/2023

The proposal is regarding permission sought by Kerala Water Authority for laying of underground water supply pipelines as part of 'Jal Jeevan Mission' along/across the National Highways stretches in the subject project locations under NHAI in the State of Kerala.

2. MD, Kerala Water Authority (KWA) has furnished undertaking that:-

- a) They will ensure not to damage any other utilities during the process of laying and in case, if damaged, they will pay the losses either to NHAI or to the concerned agency.
- b) They will shift/relocate the underground Water supply pipelines when required by NHAI at the cost of Kerala Water Authority, notwithstanding the permission granted within such times as will be stipulated by NHAI for future widening/six laning of National Highway, or any other developments.
- c) They will obtain prior approval of NHAI before undertaking any work of installation, shifting or repairs, alterations to the underground Water supply pipeline located in the National Highway. Further, they will also bear all expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway due to laying maintenance or shifting the underground Water supply pipeline.
- d) If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs of the road, it will be carried out as desired by the NHAI at the cost of Kerala Water Authority within a reasonable time (not exceeding 60 days) of the intimation given.
- e) Further, KWA has undertaken for payment of the required license fee for utilization of NHAI land as and when demanded by the Highway Authorities and to conform with all standards as mentioned in the Ministry's Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
- f) Kerala Water Authority has also undertaken to manage traffic movement during the execution of the work.

3. As per the guidelines issued by the Ministry vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the proposals submitted by Kerala Water Authority will be made available for 30 days seeking Public Comments/objections and the comments shall be furnished within 30 days from the day of closure of public objections.

4. In view of the above, comments of public on the above proposal are invited and may be sent to the below mentioned address:-

**The Regional Officer**  
National Highways Authority of India  
(Ministry of Road, Transport & Highways)  
Ambly Arcade, T.C. 86/1036-1,  
S.N.N.R.A-9, Pettah (PO)  
Thiruvananthapuram  
Kerala - 695 024

Yours faithfully,

(Ancil Hassan)  
Manager (Tech.)

For Regional Officer, NHAI, Kerala

Copy to :

1. NHAI Website
2. The NIC, New Delhi-For uploading to the Ministry's Website.
3. Project Director, NHAI, PIU-Cochin I/Cohin-II/Palakkad/Thiruvananthapuram -For kind information.