

**No:RW/TRI/Utility/80/2023-24**  
**Government of India**  
**Ministry of Road Transport & Highways**  
**Regional Office (Kerala & Lakshadweep Region)**  
Public Office Building, Opposite to Museum,  
Thiruvananthapuram - 695033.

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Dated: 22-07-2023

To,

The Chief Engineer,  
National Highways,  
Kerala PWD,  
Thiruvananthapuram.

**Sub: In principle approval for 53 proposals of Jal Jeevan Mission (JJM) -(Kerala Water Authority) -Reg.**

**Ref :** (i) CE(NH) Kerala letter CEPWD/12999/2023-DB7(W)-NH dated 20.07.2023  
(ii) CE(NH) Kerala letter CEPWD/12999/2023-DB7(W)-NH dated 21.07.2023  
(iii) CE(NH) Kerala letter CEPWD/12999/2023-DB7(W)-NH dated 21.07.2023  
(iv) Chief Secretary of Kerala meeting dated 19.04.2023 with the Union Secretary (Drinking water & Sanitation).  
(v) D.O. letter of Union Secretary (DDWS) addressed to Secretary (RT&H) dated: 17.07.2023.  
(vi) D.O. letter of Secretary (Water Resources) Govt of Kerala dated: 12.07.2023  
(vii) The Review meeting of Additional Secretary (Highways) MoRTH dated: 18.07.2023 & 19.07.2023  
(viii) The Review meeting of Secretary (DDWS) Govt of India dated 20.07.2023  
(ix) The Review meeting of Secretary (PWD) Govt of Kerala dated: 21.07.2023

Madam,

Please refer to letter from CE(NH) Kerala CEPWD/12999/2023-DB7(W)-NH dated 20.07.2023 and 21.07.23 recommending therewith 65 Nos of utility laying proposals under JJM scheme ( KWA), for in principle approval.

2. The matter was examined as per Ministry Guidelines RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and following are brought forth-

(i) CE(NH) vide letter CEPWD/12999/2023-DB7(W)-NH dated 20.07.2023 has submitted the application of Kerala Water Authority (KWA) for 3 works. The details of 3 works are as follows-

Sl.No.	Division Under NH Wing	Details of Road			Details of Pipe		Road Cutting Details			Details of Ongoing work and DLP
		Name of NH	Chainage	Place	Dia	Length in M	Berm cutting Length In M	BT Cutting M	BT Cutting Crossing	
1.	Kozhikode	766	92/800 to 96/000	Kollangappara to Lulu Junction	250mm DI K9 Pipe	1465	2750	450	-	DLP up to 28/08/24

Sl.No.	Division Under NH Wing	Details of Road			Details of Pipe		Road Cutting Details			Details of Ongoing work and DLP
		Name of NH	Chainage	Place	Dia	Length in M	Berm cutting Length In M	BT Cutting M	BT Cutting Crossing	
					200 mm DI K 9 pipe	380				
					160 mm PVC pipe	1355				
	Kozhikode	766	98/000 to 114/600	Kottakunnu to Ponkuzhi	350 mm DI K9 Pipe	2745	21680	1835	5 nos	DLP up to 28/08/24
					200 mm DI K9 Pipe	7150				
					160 mm HDPE Pipe	11415				
					90 mm HDPE Pipe	2205				
2.	Kozhikode	766	57/00 to 66/00	Lakkidi to Chelode Estate		18000				DLP up to 29/12/24
3.	Kozhikode	766	66/00 to 68/100	Chelode Estate to Chundale	4200					DLP up to 27/04/26

(ii) CE(NH) vide letter CEPWD/12999/2023-DB7(W)-NH dated 21.07.2023 has submitted 61 works for in principle approval. Out of 61 these proposals, 12 works in S.No. 1,7,8,9,52,53,54,55,56,57,58,59 of list submitted by CE(NH) do not pertain to NH stretch entrusted to Kerala State PWD. These proposals need to be submitted to concerned Agencies by KWA. Further, for 14 works, the pipelines are having diameter greater than 300mm. For water supply pipeline greater than 300mm, innovative technologies like HDD method/load bearing drainage structure with provision of utility ducts etc shall be explored by KWA/State PWD and used for execution in field if BT cutting is required. For pipelines greater than 300mm, the innovative technology to be used by KWA shall be examined and submitted by CE(NH) and such cases shall be dealt on case-to-case basis after obtaining recommendation of CE(NH) Kerala. With this condition, in principle approval is granted for 49 works (61 -12 ) in NH stretches entrusted to Kerala state PWD.

8

The details of 49 works submitted by C.E (NH) PWD are as follows-

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start &End)	Size and Type of pipe	Transmission/ Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
1	Kollam	P H Division Kottarakkara	Kollam-Theni 183		Randur road junction-Munnumukku Jn.	300mm DI K9 pipe	Both	2500m	Yes	Not	Jalajeevan mission-BAWSS To Kundara and adjacent (Elampal)in East Kallada pts - 2643 nos.
2	Kollam	P H Division Kollam	Kollam-vandiperiyar NH-183A	0/00 to 0/900	Bharanikavu to Cinemampur	160mm PVC	Distribution	900m (20m tar+ 150m Inter lock(I/L) + 730m berm)	Yes	Not	Jal Jeevan Mission-Sasthamcotta - 550 nos.
3	Kollam	P H Division Kollam	Kollam-theni NH-183	28/380 to 24/880	Bharanikavu to Kadapuzha	200mm PVC	Distribution	3500m (130m tar+ 50m I/L + 3320m berm)	Yes	Not	Jal Jeevan Mission-Sasthamcotta - 1200 nos.
4	Kollam	P H Division Kollam	Kollam-theni NH-183	28/420 to 29/620	Bharanikavu to Panappetty	160mm PVC	Distribution	1200m( 10m tar+ 300m I/L + 890m berm)	Yes	Not	Jal Jeevan Mission-Sasthamcotta - 1000 nos.
5	Kollam	P H Division Kollam	Kollam-theni NH-183	29/560 - 31/570	Parayilmuttku to Chakkuvaliy	180mm PE, 125mm PE	Distribution	4050m (both sides of road 2x2025 m)(50m tar+ 4000m berm)	Yes	Both sides	Kunnathoor Providing FHTC (7084) in Poruvazhy GP - 1400nos.

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start & End)	Size and Type of pipe	Transmission/Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
6	Kollam	P H Division Kollam	Kollam-VANDI PERIYAR NH-183A	04/100 - 04/600	EZHAM MILE-SASTHAM NADA road	180mm PE	Distribution	500m (500m berm)	Yes	Not	JJM-Kunnathoor - 1000 nos.
7	Kollam	P H Division Kollam	Kollam-Vandip eriyar NH-183A	1/440-4/300	Block Office Ezham mile - Sasthamnada road	125mm PE, 200mm DI	Distribution	3208m(8m tar+1000m concrete + 2200m berm)	Yes	Not	JJM- Poruvazhy - 1550nos.
8	Kollam	P H Division Kollam	Kollam-THENI NH-183	34/290 to 36/890	Kannam Jn. - Anayadi Road	180mm PE	distribution	2600m(400m tar+500 m interlock+1700 m berm)	Yes	Not	JJM-Sooranad North Providing FHTC (7084) in Sooranad North Grama Panchayath - 1200nos.
9	Kollam	Proj.Kollam	Kollam-THENI NH-183	Ch. 12/650 to 13/702	Nanthirikkal Jn. to Elampallo or Railway cross	1219mm MS (RWPM)	RWPM	1052m	Berm is available and width of berm is not sufficient since the pipe size is 1219 mm since 2.2 mtrs width required	Not	JJM Kottamkara GP WSS to Kottamkara Panchayath Phase 2 and JJM Thrikkaruva, Panayam, Perunad and Munrothuruthu and KIIFB-AWSS -Kollam corporation - 67992 nos.

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start &End)	Size and Type of pipe	Transmission/Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
10	Kollam	Proj.Kollam	Kollam-THENI NH-183	Ch. 06/120 to 13/520	Thannikkamukku Jn. To Elampallo or Railway cross	600mm DI (RWPM) 200mm DI/HDPE 160mm PVC (both sides)	Distribution, RWPM	7400m	yes	Both sides	JJM Thrikkaruvu, Panayam, Perinad, and Mundrothuruthu panchayath
11	Kollam	Proj.Kollam	Kollam-THENI NH-183	Ch. 34/290 to 36/040	Kannam Jn. to Anayadi	300mm DI	Transmission main	1750m.	Yes	Not	JJM Kunnathoor-Comprehensive scheme to Kunnathoor, PoruvazhySooranadu (N) Thodiyoor, Thazhava, Kulasekharapuram GPs - 4720nos.
12	Kollam	Proj.Kollam	Kollam-Vandiperiyar NH-183A	Ch. 5/000 to 5/400	Pullanjivila Jn. to 7th Mile	900mm DI	Transmission main	400m	Yes	Not	JJM Kunnathoor-Comprehensive scheme to Kunnathoor, PoruvazhySooranadu (N) Thodiyoor, Thazhava, Kulasekharapuram GPs
13	Pathanamthitta	P H Division Pathanamthitta	NH 183-A	Ch. 0/00 to 6/707	Ezham Mile Bus Stop to Thuvayoor Nalammile Jn.	90 mm PVC, 110 mm PVC, 140 mm PVC, 160 mm PVC ( Both sides )	Distribution	13414 m	Yes	Yes	JJM Agumentation of WTP at kadambanadu



Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start & End)	Size and Type of pipe	Transmission/ Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
14	Pathanamthitta	PH Division Pathanamthitta	NH 183-A	Ch. 20/300	AdoorPathanamthitta road crossing	350mm DI	Transmission Main	8m	No	Not	JJM - pandalamthekkekkara & Thumpamon panchayths -.
15	Pathanamthitta	PH Division Pathanamthitta	NH 183-A	Ch. 1) 46/370 to 51/840 2) 52/415 to 54/690	1) Mundapackalpadi to Perunadu arch bridge. 2) Perunadu small bridge to Koonamkara	125 mm HDPE	Distribution	7745m	Yes	Not	JJM 2020-2021 Ranni-Perunadu Grama panchayath - Providing FHTC's and apos from ongoing schemes( Phase III part II)
16	Pathanamthitta	Proj. Adoor	NH 183-A	Ch. From Km: 37 to Km: 41.862	Nellimootilpadi - Nellimukal (Erathu boundary)	160 mm PVC	Distribution	9724 m ( for both sides)	Yes	Both Sides	JJM - WSS to Enadimangalam, Ezhamkulam, Erathu & Kalanjoor Part-laying distribution network and providing FHTCs in Erathu Panchayath - 1300nos.
17	Pathanamthitta	Proj. Adoor	NH 183-A	Ch. 43/000 - 46/500	Kaipattor bridge to Omalloor panchayat boundary	250 DI/200 DI/160 PVC	Distribution	6700m	Partially available	Both Sides	JJM-WSS to Chenneerkkara & Omalloor Pts- Supplying Laying of distribution system and providing FHTCs in Omalloor pt. - 800nos.

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start & End)	Size and Type of pipe	Transmission/ Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
18	Kottayam	P H Division Kottayam	NH 183	Crossing at chainage 110/000	KANJIKUZH JN.	400mm DI pumping main from Velloparampu WTP to Parakulam	Transmission Main	50m	available	Not	JJM Panachikkadu - 7244nos.
19	Kottayam	P H Division Kottayam	NH 183	Chainage - 113/740-114/850, 114/930-116/750 & 115/900, 116/750	Irattunada to Illivalavu.	180mm HDPE Distribution pipe	Distribution	4000m	Partially available	Not	JJM Manarcadu GP KSP WSS to Manarcadu Phase II - 500nos.
20	Kottayam	P H Division Kottayam	NH 183	Chainage - 110/750-113/650	KANJIKUZH BRIDGE to IRATTUNADA BRIDGE	400 - 250mm DI, 180/110mm HDPE	Distribution	5800m	Partially available	Both Sides	JJM - VIJAYAPURAM - 1600nos.
21	Kottayam	P H Division Kottayam	NH 183	Chainage 125/200 - 128/200	Chennampally To Mannathipara	90mm HDPE PN8, distribution lines (2 x 3000m) both side	Distribution	6000m	Partially available	Both Sides	JJM- KOOROPADA - 480 nos.
22	Kottayam	P H Division Kottayam	NH 183	Chainage 140/620-140/920	RELIANCE TRENDS to KVMS ROAD	200mm DI pipe	Distribution	300m	Partially available	Not	JJM - Chirakkadavu - 350 nos.

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start & End)	Size and Type of pipe	Transmission/ Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
23	Kottayam	P H Division Kottayam	NH 183	Chainage 145/750 - 148/500	PETTA JN. to 26TH MILE	80mm GI Pipe	Distribution	4600m	Partially available	Both Sides	JJM - Kanjirapally - 1400 nos.
24	Kottayam	P H Division Kottayam	NH 183	Ch.144/950 to 145/500	Kurisumkall - Chittar bridge	80mm GI Pipe	Distribution	750m	Partially available	Not	JJM Kanjirapally GP - ARWSS to KanjirapalliElikkulamChirakkadavu Phase 2 - 400 nos.
25	Kottayam	P H Division Kottayam	NH 183	Chainage 147/900 - 155/400	26TH Mile to Chittady	250mm/200mm/150mm DI and HDPE pipes	Both	17000 m	Partially available	Both Sides	JJM Parathodu - 1400 nos.
26	Kottayam	Project Kottayam	NH 183	Ch.116/750 to 125/000	Illivalavu to Chennampally (kochumatom)	Distribution network - 90 mm PVC - 10617 m 110 mm PVC - 1464 m 140 mm PVC - 1100m 160 mm PVC - 1186 m 150 mm DI K9 - 860m 200 mm DI K9 - 1273m Pumping Main - 250 mm DI K9 - 94m (Road crossing at 8th mile)	Both	16500 m	Partially berm available BM & BC Tar Cutting - 8447 m Berm Cutting - 8053 m	Both Sides	JJM Pampady - 5000 nos.

5/

Sl. No	Distric t	Imple mentin g KWA divisio n	Highwa y	Chain age	Place( Start &End)	Size and Type of pipe	Trans missio n/ Distrib ution	Length of pipe	Whe ther berm /shou lder avail able	Wh ether on bot h sides or not	Name of work with affected FHTC
27	Kottay am	Project Kottay am	NH 183	137/98 0 to 139/00 0	19th Mile to 20 th Mile	Distribution Network - 160 mm PVC - 1750m	Distrib ution	1020m	Partia lly berm availa ble Tar Cuttin g - 600 m Berm Cuttin g - 420 m	Bot h Sides	JJM - Chirakadavu - 500 nos.
28	Kottay am	Project Kottay am	NH 183	Ch.12 7/876 to 138/27 6	14th Mile to 19th Mile	Distribution Network 90 mm PVC - 11135 m 110 mm PVC - 2845 m 160 mm PVC - 3180 m 150 mm DI K9 - 105 m 200 mm DI K9 - 3135m	Distrib ution	20400 m	Partia lly berm availa bleTa r Cuttin g - 3842 mBer m Cuttin g - 1655 8 m	Bot h Sides	JJM Vazhoor - 4000 nos.
29	Kottay am	Project Kottay am	NH 183 A	89/100 to 108/00 0	Kanamala Bridge to Manjalaru vijjn	Distribution network- 90 PVC - 17945m 80 GI - 5355 m 110 PVC - 1710 m 100 DI - 2040 m 250 DI -10 m 350 DI - 1700 m	Distrib ution	28760 m	Partia lly berm availa ble Tar Cuttin g - 1650 0 m Berm Cuttin g - 1226 0 m	Bot h Sides	JJM Erumely - 6300 nos.

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start & End)	Size and Type of pipe	Transmission/ Distribution	Length of pipe	Whether berm /shoulder available	Whether on both sides or not	Name of work with affected FHTC
30	Kottayam	Project Kottayam	NH 183 A	107/170 to 108/035	Peruthodu to Manjalaruvi	Distribution network- 250 mm DI K9 - 0.865 m	Distribution	865 m	Partially berm available Tar Cutting - 500 m Berm Cutting - 365 m	Not	RKI Erumely - 500 nos.
31	Kottayam	Project Kottayam	NH 183 A	93/860 to 100/540 & 106/020 to 107/170	Peruthodu to Champakara & Anakkal to Peruthodu	Distribution network- 90 mm PVC - 3085 m 110 mm PVC 1075 m 140 mm PVC - 1330 m 150 mm DI K9 - 690 m 350 mm DI K9 - 2650 m	Distribution	8830 m	Partially berm available Tar Cutting - 7330 m Berm Cutting - 1500 m	Not	NABARD Erumely - 2000 nos.
32	Alappuzha	PH Thiruvalla	NH 183	120/00 to 120/400	Kallissery-Pravinkode road	350 mm DI	distribution	400m	Yes	not	JJM 5th SLSSC- Supplying and laying distribution system and providing 4209 FHTC in thiruvandoor grama panchayath in Alappuzha district including road restoration works - 3519 nos.
33	Alappuzha	Project Alappuzha	NH - 183 Kollam-Theni	•CH 37/720 - 39/020 LHS-CH39/242 - 41/520 LHS CH 43/722 - 44/922 RHS - CH 45/122 -	Thamarakulam-Charumoodu to Kottamukku JN-	110mm PVC, 160mm PVC	Distribution	110mm PVC - 2820m 160mm PVC- 6256 Total- 9076m	yes available	one side on each stretch	JJM-Augmentation of ARWSS to Nooranad, Chunakkara, Palamel and Thamarakulam - 350 nos.

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start &End)	Size and Type of pipe	Transmission/ Distribution	Length of pipe	Whether berm /shoulder available	Whether on both sides or not	Name of work with affected FHTC
				47/678 RHS							
34	Idukki	Project Division Kattappana	NH 185 ADIMALLY - KUMILY	(ch.42/449-44/649) 44/619 - 44/619	Near double cutting-near Calvary mount	80mm GI, 150mm DI	Both	2500m	available	Both Sides	JJM-Idukki Kanjikuzhy, Vannappuram, Kamakshy, Mariyapuram&Vathikudi - 2500 nos.
35	Idukki	Project Division Kattappana	NH 185 ADIMALLY - KUMILY	ch.28/339-31/399	Ashokakkavala - Vellakkayam	300 mm DI 200mm DI	Transmission	5058m	available	Single side	JJM-Idukki Kanjikuzhy, Vannappuram, Kamakshy, Mariyapuram&Vathikudi (Vazhathope GP) - 13814 nos
36	Idukki	Project Division Kattappana	NH 185 ADIMALLY - KUMILY	Ch: 44/649 - 48/079	Near Calvary mount - 7th mile	80mm GI	Distribution	3430 m	available	Single side	JJM-Idukki Kanjikuzhy, Vannappuram, Kamakshy, Mariyapuram&Vathikudi (Kamakshi GP) - 1500 nos.

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start & End)	Size and Type of pipe	Transmission/Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
37	Idukki	Project Division Kattappana	NH 185 ADIMALLY - KUMILY	36/189 - 42/389	Near Idukki- Near Double cutting	80 mm GI	Distribution	6200m	available	Single side	JJM-Idukki Kanjikuzhy, Vannappuram, Kamakshy, Mariyapuram & Vathikudi 3500 nos.
38	Idukki	Project Division Kattappana	NH 185 ADIMALLY - KUMILY	12/900 - 22/909	Panamkutti bridge to Attikkalam	80 mm GI	Distribution	10009 m	available	Single side	JJM Kanjikuzhi, Vannappuram, Kamakshi, Mariyapuram and Vathikkudi 1500 nos.
39	Idukki	Project Division Kattappana	NH 185 ADIMALLY - KUMILY	33/660 - 36/189	Cheruthoni - Near Idukki	400 mm DI	Distribution	2529 m	available	Single side	JJM-Idukki Kanjikuzhy, Vannappuram, Kamakshy, Mariyapuram & Vathikudi (Vazhathope GP) 13814 nos.
40	Idukki	Project Division Kattappana	NH 185 ADIMALLY - KUMILY	14/000 /14/010	Vellayamkudi- Vellayamkudi Church Road	700mm DI	Transmission	12 m	crossing	crossing	JJM:WSS to Nedumkandam, Pampadumpara, Upputhara, Elappara (part) and Arakkulam (part) 10926 nos.
41	Idukki	Project Division Kattappana	NH 185 ADIMALLY - KUMILY	61/100 - 83/400	Sasthamnada to Pathumury	90 mm HDPE, 600 mm DI, 450mm DI	Both	14717 m	Available	Both Sides	JJM-Providing FHTCs to Chakkupallam, vandamedu, Karunapuram and Vandiperiyar panchayaths (Chakkupallom GP) 10479 nos.

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start & End)	Size and Type of pipe	Transmission/Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
42	Idukki	Project Division Kattappana	NH 185 ADIMALY - KUMILY	0/00 to 2/800	Adimaly-200 acre Road	110 mm HDPE, 90mm HDPE	Both	5614 m	Available	Both Sides	JJM-WSS to Mankulam, Adimaly and Pallivasal GPs providing FHTCs to Adimali Mnakulam and Pallivasal Panchayats 6456 nos.
43	Idukki	Project Division Kattappana	NH 185 ADIMALY - KUMILY	2/800-13/45	200 Acre - Panamkuttay Bridge	90mm HDPE 140 mm HDPE +250 mm DI 90 mm HDPE+250 mm DI 110 mm HDPE	Both	21314 m	Available	Both Sides	JJM- WSS to House holds of Vellathooval Panchayath in Idukki District 2010 nos.
44	Idukki	Project Division Kattappana	NH 183 KOLLAM - THENI	195/750 to 215/000	57th mile to Kumily junction	90MM HDPE 150mm DI 250MMDI 250MMDI, 90MM HDPE 350MM DI, 90MM HDPE 450MM DI, 90MM HDPE 450MM DI 600MM DI 350MM DI	Both	25365 m	Available	Both Sides	JJM-Chakkupallam, vandanmedu, Karunapuram and Vandiperiyar panchayaths 10429 nos.
45	Idukki	P H Division Thodupuzha	NH 183	208/580 to 215/680	From Chootupara to Kumily Check post.	200mm DI	Distribution	7000 m	Yes	No	JJM- Providing FHTC in Kumily Panchayat - 2200 nos.
46	Idukki	P H Division Thodupuzha	NH 185	0/400 to 83/400	Chelimadejn- Anavilasa m Jn.	150mm DI & 150 mm GI	Distribution	13000 m	Yes	No	JJM- Providing FHTC in Kumily Panchayat

Sl. No	District	Implementing KWA division	Highway	Chainage	Place(Start & End)	Size and Type of pipe	Transmission/Distribution	Length of pipe	Whether berm/shoulder available	Whether on both sides or not	Name of work with affected FHTC
47	Idukki	P H Division Thodupuzha	NH 183	180/650 to 160/650	kuttikkana m- 35th mile	200mm DI & 150mm DI k9 pipe	Transmission and Distribution	19500 m	No	No	JJM- Providing FHTC in Peruvanthanam Panchayath
48	Wayanad	P H Sulthan Bathery	NH 766	92/500 - 93/058	One crossing at Sudhikavala junction., Berm cutting from Kakkavayal Junction to Sudhikavala	200 mm DI K9 Pipe	Transmission	606 m	Yes	Not	JJM Phase II (2021-22) - 3rd SLSSC-Augmentation of WSS to Kaniyambetta GP - 5132 nos.
49	Kozhikode	Project Division Kozhikode	NH 766	1) 22/300 TO 22/600 2) 27/100 to 44/600 (RHS) 3) 27/400 to 44/600 (LHS)	Koduvally to Masjid Adivaram	DI pipes 1000 mm - 300m, 600 mm- 14400m, 350 mm- 3300m, and 300mm - 6200m, PE pipes 280mm - 3300m, and 180 mm - 7800m	Transmission and Distribution	35000 m	Berm is available and width of berm is not sufficient since the pipe size is more	Both Sides	JJM P2 - Chathamangalam & adj. 7 pt. 55810 nos.

(iv) CE(NH) vide letter CEPWD/12999/2023-DB7(W)-NH dated 21.07.2023 has further recommended following additional application of KWA-

KWA Jal Jeevan Mission - JJM Phase II-CWSS to Ambalavayal, Nenmeni, Poothady and Pulpally GP in Wayanad district- Providing FHTC in Poothadi GP-Kolahgappara Junction to Kakkavayal Junction NH766 and Crossing at Krishnagiri Jn- Km 82.500 to Km 92.00 (Crossing at Km 67+000 Krishangiri)

3. Additional Secretary ( Highways), MoRTH meetings held on 18.07.2023, 19.07.2023 and 20.07.2023, in which RO MoRTH and CE(NH) were also present, had directed that considering the importance of JJM projects, the approval needs to be given expeditiously. Based on the

above meeting, CE(NH) has recommended the proposal of KWA in above mentioned subject NH stretches entrusted to Kerala State PWD.

4. The **in principle approval** for above mentioned **53 Proposals** (3 +49 +1 ) as per para 2, sub para i,ii,iii and iv) as recommended by CE(NH) Kerala is granted with following conditions-

(i) Concerned EE(NH) shall ensure that the KWA pipeline is laid at the extreme end of the ROW. The Ministry's Circular No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016 shall be followed while execution.

(ii) The CE(NH) and the concerned EE(NH) State PWD shall ensure that water pipeline shifting,if required for future upgradation of the NH stretch, shall be undertaken by KWA at their own cost. Prior undertaking in this regard shall be taken by PWD from KWA .

(iii) It shall be ensured that the proposed pipeline shall not affect design, stability, traffic safety and future improvement proposal of the stretch.

(iv) No pipeline/utility shall be laid over existing culvert and bridges except through the utility ducts where such provision exists. In absence of such provision, the KWA shall make their own arrangement for crossing the cross-drainage structures.

(v) The requisite license fee shall be collected by PWD along with the license deed in the prescribed format immediately in accordance with MoRTH Guidelines dated: 22.11.2016 & amendment NH-36094-01/2022-S&R(P&B)(E-208825) dated:24.04.2023. Concerned EE(NH) are hereby authorized to sign License Agreement as per the format specified in MoRTH Guidelines No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 on non-judicial stamp paper after submission of the license fee and Performance Bank Guarantee from the applicant. License fee shall be credited in Central Revenue. Bank Guarantee as a security against improper restoration of ground should be collected as per the norms stipulated in Ministry's Circular No No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016. The KWA will be authorized to lay the water supply pipeline within the NH ROW only after signing the agreement as stipulated in the aforesaid guidelines. After signing the agreement, a copy of the same may be submitted to this office for record.

(vi) The applicants are also requested to sign the license Agreement within 15 days of intimation from concerned EE(NH) in this regard. This initial permission would be valid for a period of 5 years, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charges. Delay in deposition of fee shall attract interest @15% per annum compounded annually.

(vi) The work of water supply pipeline shall be executed by KWA under intimation to concerned PWD officials. The work shall be completed prior to commencement of improvement/maintenance proposals in the reach. Any delay in completion laying of Water supply pipe line on NH RoW by KWA will leads to cancellation of approval.

(vii) The proposed utility line shall be laid in such a manner that it causes least interference to the traffic movement. Necessary safety measures for smooth movement of traffic shall be ensured by KWA, while execution of the work.

(viii) The crossing shall be preferable on a line normal to or as nearby so as practicable, with proper casing and through trenchless method like (HDD, pipe pushing technology). Further, for crossing a minimum distance of 15 m (or more as per the suitability of the structures) shall be maintained from the structures(like VUP including approaches, bridges etc). The location of crossing shall be shifted suitably as per site condition is required.

- (viii) The service provider/ JJM/KWA and State PWD will be responsible for any hazard during the laying of the under-ground water supply pipe line.
- (ix) The interference with any other service line of the proposed laying water Supply pipe line shall be fully assessed prior to taking up of work and the matter shall be taken up with the concerned service providers for redressal. Permission is granted on condition that the applicant shall ensure safety of existing public utility services of any Authority. All other statutory permissions, if any, from other agencies shall be obtained by the applicant before execution of the aforesaid work.
- (x) The utility agency shall ensure not to damage any assets of NH including avenue and median plantation. In case of damage, it should be restored by the Licensee at their own cost.
- (xi) The utility agency shall not make any legal Contractual or other financial claim to MoRTH/State PWD/its agencies for whatsoever loss/damage of the Utility.
- (xii) The licensee shall shift the utility services within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/ widening of the road/ route/ highway or construction of flyover/bridge and restore the road/route/ highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
- (xiii) The in-principle approval is granted for water supply pipeline with diameter equal to or less than 300mm. For water supply pipeline greater than 300mm, innovative technologies like HDD method/load bearing drainage structure with provision of utility ducts etc shall be explored by KWA and shall be considered case to case basis after recommendation of CE(NH) Kerala to RO MoRTH Kerala. Till then concerned EE(NH) shall not allow execution of laying of water pipeline having diameter greater than 300mm if BT cutting is involved. Any lapse in this will be viewed seriously. The State PWD of Kerala will be completely responsible for Quality and Road Safety issues.
- (xiv) For stretches under DLP, KWA shall take over the DLP from the civil contractor for maintenance. No additional funds of MoRTH shall be utilized in these stretches till the end of DLP and maintenance shall be ensured by the KWA. An undertaking in this regard for the works mentioned above shall be obtained from the Competent Authority of KWA. The execution shall be allowed to started only after receipt of this undertaking. The methodology of taking over the DLP by KWA shall be submitted by CE(NH) subsequently in accordance with the prevalent practice of Kerala state PWD/other central agencies.
- (xv) The in principle approval is granted for list of work mentioned above in NH stretches entrusted to State PWD. CE(NH) has also submitted proposals in stretches entrusted



to NHAI and PWD roads entrusted to NH wing. Proposal for such cases needs to be taken up with the concerned agencies.

(xviii) For works under LA, the in principle approval for laying utility shifting is granted subject to condition that no utility shifting estimate of these works shall be included while submitting NH(O) estimate by CE(NH) to Ministry as these shifting needs to be done by KWA using their own fund.

(xix) As per the guidelines issued by Ministry vide letter No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016, the application shall be made available for public comments for 30 days in Ministry's website. The comments of public are invited to this office address. Any comments received during the 30 days after publication in Ministry's website shall be redressed by concerned EE(NH) and KWA.

(xx) Concerned EE(NH) shall ensure that at a time long stretches should not be allowed for BT cutting to prevent inconvenience to public and to ensure traffic safety.

Yours faithfully,



(Shiju P. Varghese)  
Executive Engineer  
For Regional Officer

Copy to : (i)ADG (South II), MoRTH for kind information please  
(ii)Secretary(PWD), Kerala for kind information please  
(iii)CE(South II), MoRTH for kind information please  
(iv) Senior Technical Director, NIC for uploading in the Ministry's Website for invitation of public comments on this Public Utility laying proposal of Kerala state.  
(v)SE(NH) North Circle, SE(NH) Central Circle, SE(NH) South Circle for information and necessary action please  
(vi)EE(NH) Thiruvananthapuram, EE(NH) Kollam, EE(NH) Alappuzha, EE(NH) Muvattupuzha, EE(NH) Kodugallur, EE(NH) Malappuram, EE(NH) Kozhikode, EE(NH) Kannur for information and necessary immediate action please

