

15 -ാം കേരള നിയമസഭ

13 -ാം സമ്മേളനം

നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 4717

19-03-2025 - ൽ മറുപടിയ്ക്ക്

ജല വിതരണം കാര്യക്ഷമമാക്കാൻ പദ്ധതികൾ

ചോദ്യം		ഉത്തരം	
ശ്രീ. മോൻസ് ജോസഫ്		ശ്രീ. റോഷി അഗസ്റ്റിൻ (ജലവിഭവ വകുപ്പ് മന്ത്രി)	
(എ)	കാലപ്പഴക്കം ചെന്ന പൈപ്പുകളും മോട്ടോറുകളും മാറ്റിസ്ഥാപിക്കാത്തതുമൂലം ജലവിതരണത്തിലുണ്ടാകുന്ന ബുദ്ധിമുട്ട് പരിഹരിക്കുന്നതിന് ഈ മേഖലയിൽ നടപ്പിലാക്കിയ പദ്ധതികൾ എന്തെല്ലാം;	(എ)	<p>നിരന്തരം പൈപ്പ് പൊട്ടൽ ഉണ്ടാകുന്നത് ഒഴിവാക്കുന്നതിനും കാലപ്പഴക്കം ചെന്ന സിമന്റ് പൈപ്പ് ലൈനുകൾ മാറ്റി ജലവിതരണ ശൃംഖല കാര്യക്ഷമമാക്കുന്നതിനുമായി കിഫ്ബി, അമൃത്, ജൽ ജീവൻ മിഷൻ, ഡെപ്പോസിറ്റ്, സ്റ്റേറ്റ് പ്ലാൻ എന്നീ പദ്ധതികളിലുൾപ്പെടുത്തി വിവിധ പ്രവൃത്തികൾ ക്രമീകരിച്ചിട്ടുണ്ട്.</p> <p>കിഫ്ബി: കാലപ്പഴക്കം ചെന്ന പൈപ്പുകൾ മാറ്റിസ്ഥാപിക്കുന്നതിനായി 11 സർക്കിളുകളുടെ കീഴിലായി (തിരുവനന്തപുരം, കൊല്ലം, പത്തനംതിട്ട, കോട്ടയം, കൊച്ചി, മൂവാറ്റുപുഴ, തൃശ്ശൂർ, പാലക്കാട്, മലപ്പുറം, കോഴിക്കോട്, കണ്ണൂർ) 430.233 കോടി രൂപയുടെ ഫണ്ടിംഗ് അനുമതി കിഫ്ബിയിൽ നിന്നും ലഭിച്ചിട്ടുണ്ട്.</p> <p>അമൃത് 1.0 - പദ്ധതിയിലൂടെ 1376.62 കോടി രൂപയുടെ 206 ജലവിതരണ പദ്ധതികൾക്ക് അനുമതി ലഭിച്ചതിൽ ഏകദേശം 265.9 കോടി രൂപയുടെ പദ്ധതികൾ നവീകരണ പ്രവൃത്തി കൾക്ക് വേണ്ടിയുള്ളവയാണ്. ആയതിന്റെ പട്ടിക അനുബന്ധം 1 ൽ ചേർത്തിട്ടുണ്ട്</p> <p>അമൃത് 2.0 - പദ്ധതിയുടെ ഭാഗമായി രണ്ടു ഘട്ടങ്ങളിലായി (SWAP 1 & 2) 1674.80 കോടി രൂപയുടെ 159 കടിവെള്ള വിതരണ പ്രവൃത്തികൾക്ക് ഭരണാനുമതി ലഭിച്ചിട്ടുണ്ട്. ടി പ്രവൃത്തികൾ കേരളത്തിലെ 6 കോർപ്പറേഷനുകളിലും 87 മുനിസിപ്പാലിറ്റി കളിലുമായി പുരോഗമിച്ചു വരുന്നുണ്ട്. അതാത് ULB കളിൽ കാലപ്പഴക്കം ചെന്ന പൈപ്പ്ലൈനുകളും മറ്റു അനുബന്ധ ഘടകങ്ങളും മാറ്റുന്ന പ്രവൃത്തിയും, നവീകരിക്കുന്ന പ്രവൃത്തികളും മേൽ പ്രവൃത്തികളിൽ തന്നെ ഉൾപ്പെടുത്തി നടത്തിവരുന്നുണ്ട്.</p>

			<p>സ്റ്റേറ്റ് പ്ലാൻ : കാലപ്പഴക്കം ചെന്ന പൈപ്പുകളും മോട്ടോറുകളും മാറ്റി സ്ഥാപിക്കുന്നതിന് ഈ സർക്കാരിന്റെ കാലയളവിൽ 360 കോടി രൂപയുടെ 598 പ്രവൃത്തികൾക്ക് അനുമതി ലഭിച്ചു. ഇതിൽ 74.62 കോടി രൂപയുടെ 270 പ്രവൃത്തികൾ പൂർത്തീകരിച്ചു. 121.96 കോടി രൂപയുടെ 119 പ്രവൃത്തികൾ നടന്നു വരുന്നു, ബാക്കി പ്രവൃത്തികളുടെ ടെൻഡർ നടപടികൾ പുരോഗമിക്കുന്നു.</p>
(ബി)	<p>കിഫ്ബി പദ്ധതിയിൽ ഉൾപ്പെടുത്തി നടപ്പിലാക്കുന്ന പദ്ധതികൾ ഏതൊക്കെയാണെന്നും ഏതൊക്കെ പദ്ധതികൾ ഇതിനകം കമ്മീഷൻ ചെയ്തുവെന്നും വിശദമാക്കാമോ;</p>	(ബി)	<p>കിഫ്ബി പദ്ധതിയിലുൾപ്പെടുത്തി നടപ്പിലാക്കുന്ന പൈപ്പ് മാറ്റിയിടുന്ന പദ്ധതികൾ അനുബന്ധം -2 ആയി ചേർത്തിട്ടുണ്ട്. ഇതിനകം 51 പൈപ്പ് മാറ്റിയിടുന്ന പ്രവൃത്തികൾ കമ്മീഷൻ ചെയ്തിട്ടുണ്ട്. (അനുബന്ധം -3).</p>
(സി)	<p>കേന്ദ്ര-സംസ്ഥാന സർക്കാരുകളുടെ സംയുക്ത പദ്ധതിയായ അമൃതയിൽ ഉൾപ്പെട്ട ജലവിതരണ പദ്ധതികളുടെ നിലവിലെ അവസ്ഥ വ്യക്തമാക്കുമോ; ഈ പദ്ധതികൾ നടപ്പിലാക്കുന്നതിന് വേണ്ടത്ര വേഗതയില്ലായെന്ന ആക്ഷേപം പരിഹരിക്കുവാൻ സ്വീകരിച്ച നടപടികൾ എന്തെല്ലാം?</p>	(സി)	<p>അമൃത് 1.0 പദ്ധതിയിലൂടെ 1376.62 കോടി രൂപയുടെ 206 ജലവിതരണ പദ്ധതികൾക്ക് ഭരണാനുമതി ലഭിച്ചു. ഇവയിൽ 1137.14 കോടി രൂപയുടെ 186 ജലവിതരണ പദ്ധതികൾ പൂർത്തീകരിച്ചിട്ടുണ്ട്.</p> <p>അമൃത് 2.0 പദ്ധതിയുടെ ഭാഗമായി രണ്ടു ഘട്ടങ്ങളിലായി (SWAP 1 & 2) 1674.80 കോടി രൂപയുടെ 159 കുടിവെള്ള വിതരണ പ്രവൃത്തികൾക്ക് ഭരണാനുമതി ലഭിച്ചു. ഇതിൽ 60 പ്രവൃത്തികൾ പൂർത്തീകരിച്ചു. മറ്റു പ്രവൃത്തികൾ പല ഘട്ടങ്ങളിലായി പുരോഗമിക്കുന്നു.</p> <p>ഇതുകൂടാതെ മൂന്നാമത്തെ ഘട്ടമായി (SWAP-3) 446.68 കോടി രൂപയുടെ 61 കുടിവെള്ള വിതരണ പ്രവൃത്തികൾക്ക് കൂടി 2024 അവസാനത്തിൽ ഭരണാനുമതി നൽകി. ഈ പ്രവൃത്തികൾക്ക് സാങ്കേതികാനുമതി നൽകുന്നതിനുള്ള നടപടികൾ സ്വീകരിച്ചു വരുന്നു.</p> <p>ടി പ്രവൃത്തികൾ സമയബന്ധിതമായി പൂർത്തീകരിക്കുന്നതിനുള്ള നടപടികൾ സ്വീകരിച്ചിട്ടുണ്ട്. വിവിധ ഉദ്യോഗസ്ഥതലത്തിൽ പ്രവൃത്തികളുടെ അവലോകനം നടത്താറുണ്ട്. സമയബന്ധിതമായി പ്രവൃത്തി പൂർത്തിയാക്കുവാൻ കരാറുകാർക്ക് നിർദ്ദേശം നൽകാറുണ്ട്. മറ്റ് വകുപ്പുകളുടെ അനുമതി ആവശ്യമുള്ള പ്രവൃത്തികളിൽ മറ്റ് വകുപ്പുകളുമായി സംയോജിച്ച് നടപടിക്രമങ്ങൾ പൂർത്തിയാക്കാറുണ്ട്.</p>

സെക്ഷൻ ഓഫീസർ

അനുബന്ധം-1

Sl No	DIVISION	NAME OF WORK	AS AMOUNT (in Crores)
1	PH Dn (N) Tvp- Water supply	Replacement of the existing damaged pipe lines & Alteration of house connections of Thiruvananthapuram water supply scheme (AS-15 Cr)-For N&S	15
2		Replacement of old and damaged pipelines of Trivandrum water supply scheme & alteration of house connections -Phase II (AS- 2.5 Cr) -for N&S	2.5
3		TWSS - Replacing old pipe lines which are regularly breaking in Kinavoor ward in Thiruvananthapuram corporation under Peroorkada Section - Pipeline Work	4.901
4		2.466TWSS - Replacing old pipe lines which are regularly breaking in Mannanthala and Nalanchira ward in Thiruvananthapuram corporation under Peroorkada Section-Pipe line work	2.466
5		TWSS - Replacing old pipe lines which are regularly breaking in Thuruthumoola ward and Peroorkada ward in Thiruvananthapuram Corporation under WW section Peroorkada	2.86
6	PH Dn (S) Tvp- Water supply	Replacing of pipe lines at Ammaveedu line and interconnection at Studio Road under Nemom Ward-Pipeline Work	0.45
7		Replacing of 80mm AC pipe line to 110mm PVC pipe 6kg/cm ² works at Sankar Nagar, Pappanamcode Pipeline Work	0.25
8		Replacing of pipe lines at Arannoor Ward-Pipeline Work- 1	0.6

9		Replacing of old AC pipes and extension and alterations in Nedumcadu Ward-Pipeline Work	0.15
10		Replacing of old AC pipes and extension and alteration of Poojappura ward, construction of valve chamber and raising of valve chamber-- Pipeline Work	0.15
11		AMRUT - SAAP 2015-16 - Water supply works in Kollam Corporation (AS-6.59cr)	
12	PH DIVISION KOLLAM	Replacement of contaminated AC pipe lines in Kollam Corporation - Laying distribution main from Pazhayattukuzhy OHSR to Ammannada Division in Kollam Coporation(250mm DI K9 pipe -2500m).	1.43
13		Replacement of contaminated AC pipe lines in Kollam Corporation - Laying distribution main from Andamukkam, Thamarakulam, Contonment area from OH tank near Parvathy mill, Chinnakada to Mundakkal beach area from no: 3/4 (250mm DI K9 pipe -3500, 110mm PVC - 2500m, 63mm ASTM pipe - 750m).	2.85
14	PH DN KOCHI- Water supply	Replacement of existing 525mm distribution cum pumping main with 600mm rider pumping main from Karuvelippady to Koovappadam in Kochi Corporation.	3.4
15		Replacement of old 250mm CI pipe by 300mm DI K9 pipe along Konthuruthi road of Kochi Corporation.	0.82
16		Replacement of 100mm AC pipe by laying rider line of 160mm PVC CL 5 along both side at Pandit Karupan road of Kochi corporation.	1.75
17		Replacement of 100mm CI pipe by laying 160mm and 110mm PVC pipes from Valanjambalam to Ravipuram in Kochi corporation 2016-17.	0.66
18		Replacing old and damaged 100 AC pipes and laying of 160 mm PVC pipes in Perumbotta road and providing new FHTC in divisions 33,70,71 and 72 of Kochi Corporation	1

19		Replacing old damaged primo pipe, laying rider line from shipyard quarters road to K.P. Vallon road and laying distribution pipe from Thevara market bridge	4.513
20		Replacement of old AC pipe from Kathrikadavu over bridge (Kumaranassan junction) to Karshaka road	2.5
21		Replacement of old and damaged pipes at Vathuruthy colony in division 30	0.92
22		Replacement of old and damaged AC/GI pipe and extension of distribution lines in division no 1 to 10 and 23 to 28	4
23	Thrissur	Strengthening the existing distribution system to Thrissur Corporation area - Replacement of very old 80/100/125/300 AC and 700mm PREMO pipes with 110/140 PVC and 200/300/350mm DI pipes at various places in Thrissur Corporation .	14.4
24	PROJECT DN, NATTIKA- Water supply	Rehabilitation of Thrissur Corporation WSS to Koorkancherry Zone - Supply and laying separate branched gravity main of 400mm DI K9 and replacement of 700mm PREMO with 700mm DI K9 pipe, and supply erection and commissioning of 65HP centrifugal motor pumpset for replacing of existing old pumpsets - 2nos at Koorkancherry sump allied works.	3.7
25		Replacement of very old 80/100/125/200/300 AC pipes with 160PVC and 200/300/mm DI pipes at various places in Thrissur corporation	13.79
26		Zoning and mapping of water supply system of Thrissur Corporation- Supply and Laying of various dia pipes-Part-1	8.52
27		Augmentation of Water Supply Scheme to Palakkad Municipality - Part III- Package II - Providing Rider main, changing of water connections and replacement of existing AC Pipelines to DI/PVC pipelines in Palakkad Municipality. (Revised AS -85.15)	85.15

28	PH DIVISION KOZHIKKO DE-Water supply	Rehabilitation of old pipes, valves, interconnections with existing lines and providing water meters -(AS-17.87)	17.87
29		Rehabilitation of existing old pipes, valves and interconnection with the existing lines (Phase II)-(AS-15.499)	15.499
30		Rehabilitation of old distribution networks, valves, house service connections and inter-connections in Kannur Corporation SAAP 2015-16 - (Puzhathi)	17.7
31		Rehabilitation of existing old distribution network, valves, house service connection and inter-connections with existing lines and providing flow meters etc., including road reformation charges-Phase II at Pallikkunnu.	15.62
32		Rehabilitation of existing old distribution network, valves, house service connection and inter-connections with existing lines and providing flow meters etc., including road reformation charges (PWD/ NH/ Corporation)at Elayavoor zone	11.57
33		Rehabilitation of existing old distribution network, valves, house service connection and inter-connections with existing lines and providing flow meters etc., including road reformation charges (PWD/ NH/ Corporation)at Edakkad zone	8.95
			265.939

Sl. No.	Name of project	Funding Sanction		Present Status
		(Amount in crores)	Date	
1	Replacement in Thiruvananthapuram Circle	77.8623	9-4-2018	Ongoing
	TWSS-Replacing of existing damaged transmission main 215 mm HDPE pipe with 250 mm DI pipe from Bhagath singh nagar to GLSR at Mannanthala			Completed
	TWSS-Replacing of existing damaged transmission main 315 mm HDPE pipe with 350 mm DI pipe from observatory to Ayurveda college Junction			5 packages - 1 package -34% - foreclosed; 1 - package completed; 3 packages - under tender process
	TWSS-Rehabilitation of the existing PSC pipe transmission main with M. S. Pipe from Peroorkkada to Manvila including Interconnection & Allied works			2 packages - 1 package - 39% foreclosed; 1 package - completed ; balance rearranged under amrut
	Project 4 - CWSS to Kallara, Pangode, Panavoor, Pullampara and Vembayam panchayaths -Replacing 350 mm AC transmission cum distribution main from Chamavila to Nellimukku with 350mm DI K9 pipe			35% completed
	Project 5 -CWSS to Kallara, Pangode, Panavoor, Pullampara and Vembayam panchayaths -Replacing 300 mm and 350 mm AC transmission cum distribution main from Nellikunnu to Iyer mukku of Pangode grama panchayath with DI K9			Completed

	pipes			
	CWSS to Kallara, Pangode, Panavoor, Pullampara and Vembayam panchayaths- Replacing 200 mm AC transmission cum distribution main from Bharathannur to Kottayappan kavu and at Iyermukku with DI K9 pipe			Completed
2	Replacement of Transmission Mains in Kollam Circle	37.3301	9-4-2018	completed
	BAWSS to Kundara and adjoining panachayath- Replacement of old 500 mm AC transmission main with 500 mm DI pipe from Vilakkudy school junction to Kunnikkode sump			Completed
	BAWSS to Kundara and adjoining panachayath- Replacement of old 300 mm AC transmission main with 300 mm DI pipe line from Ezhukone GLSR to Kundara OHSR			Completed
	BAWSS to Kundara and adjoining panachayath- Replacement of old 160 mm PVC distribution main with 160mm PVC (10 kg/cm ²) from Pallimukku to Hospital Junction in Kundara Panchayath			completed
	BAWSS to Kundara and adjoining panachayath- Replacement of old 250 mm AC transmission main with 250 mm DI K9 pipe from Kundara OHSR to Perayam OHSR			Completed
	BAWSS to Kundara and adjoining panachayath- Replacement of old 300 mm AC transmission main with 300 mm DI K9 pipe from Ezhukone GLSR to Cheerankaavu junction			Completed
	RWSS to Thrikkaruva- Rehabilitation of old damaged CI pipes from Kanjiramkuzhi junction to Anchu auditorium for a length of 800m			Dropped
	Replacing 350mm dia AC, 300mm AC and 250mm dia AC transmission main of Chithara and adjoining WSS with 300			completed

mm ,250 mm and 200 mm dia DI K9 pipe (Phase-II)			
WSS to Chithara and adjoining panchayaths-Replacement of 400 mm AC transmission main pipes with 350 mm DI K9 pipes (Phase I)			Dropped
UWSS to Punalur Municipality-Replacing old &damaged 150mm/80mm AC pipe in Nellippally - Kallar - Thumpodu Roads in Punalur Municipality			completed
RWSS to Pathanapuram Panchayath-Replacement of very old and damaged AC & PVC pipes at various places in Pathanapuram Panchayath			completed
UWSS to Paravoor - Replacement of old and damaged 150mm AC pipe by laying 160mm PVC line near Maniyankulam bridge to UPS line in Paravoor municipality			Dropped
RWSS to Panayam - Rehabilitation of old and damaged AC/GI pipes from Thannikkamukku to Vayanasala Jn. for a length of 500m			Dropped
RWSS to Nedumpana-Pallimon-Replacement of old 150mm AC pipe with 160mm PVC in Kundumon OHSR to near Kulappadam Jn. and replacement of old 80mm AC pipe with 90mm PVC in Manjakkara Claykkuzhi Thykkavu road in Nedumpana panchayath			Dropped
RWSS to Kottiyam Perayam-Replacement of old 150mm AC pipe with 160mm PVC in Mylakkadu road to Perayam and CP Kada to Arattambalam pumphouse - 750m			completed
BAWSS to Kundara and adjoining panachayath-Replacement of old 350 mm AC pipe with 350 mm DI pipe from Kottarakkara market junction to Ezhukone booster (5000 m)			completed

3	Replacement of Transmission Main in Pathanamthitta Circle	52.69	9-4-2018	ongoing
		Revised FS = 57.654	Revised FS on 30-12-2022	
	RWSS to Vechoochira- Replacing damaged 200mm AC transmission main from Koothattukulam to Kumbithodu with 250mm DI K9 pipe			completed
	WSS to Adoor and adj. Panchayaths- Relaying of damaged transmission pipes and distribution pipes from Chiranickal treatment plant to Parakkode			under tender process
	WSS to Adoor and adj. Panchayaths- Relaying of damaged transmission pipes from Kottamukal junction to Paruthippara tank			Dropped
	WSS to Konni- Aruvapullam- Replacing of damaged 250mm AC gravity main pipe with 250mm DI K9 pipe from intake pump house, Konni- Aruvapuram			Dropped
	CWSS to Vallicodu Kodumon- Replacement of damaged AC pipe from Vallokode TP to Vazhamuttom Kurishu transmission main and Zeonkunnu tank to Kodumon transmission main			68% completed. Work terminated. Estimate to be recasted for balance work and retendered
	RWSS to Chenneerkara Mezhuveli- Replacing damaged AC pipe at Pannikkuzhi, Elavumthitta, Muttathukonam, Manjanikkara and Ramanchira area			Completed
	WSS to Adoor and adj. Panchayaths- Relaying of damaged distribution pipes in Pallickal Panchayat			Completed
	UWSS to Thiruvalla- Replacing 150mm/ 200mm AC old distribution pipe line in Thiruvalla- Kozhencherry road with 160mm PVC pipe from Puzhpagiri Joycees junction to Kattodu			dropped
	RWSS to Kaviyoor and Kunnamthanam- Replacing 250 mm AC gravity main with			completed

	250mm DI K9-Vyttadu junction to Elavanal sump (2nd Reach)			
	RWSS to Ranni-Perunadu-Replacement of damaged pipe lines-Replacing 80mm AC pipe line with 140mm PVC (Class 10) pipe-Eruvattu puzha to Mampara and Kizhakke Mampara - 3500m			dropped
	RWSS to Konni Aruvappulam - Replacing old and damaged 100mm GI pipe with 200mm DIK9 Pipe for gravity main to Ottupara			completed
	RWSS to Vechoochira- Relaying damaged pipelines-Chethakal-Koothattukulam& Treatment plant to Vechoochira Town			52%
	UWSS to Pathanamthitta - Replacing damaged ac pipe at Pathanamthitta Town area			70% work terminated. Termination revoked. Contractor not willing to deposit PG
	RWSS to Angadi - Replacement of damaged pipelines at various places of RWSS to Angadi (5 nos of replacements)			completed
	RWSS to Thrikodithanam - Replacing old existing 150mm AC conveyance main line with 200mm DI K9 pipe from Mittayi company Fathimapuram to Thrikodithanam boosting pump house			31% foreclosed
	UWSS to Thiruvalla- Replacing old distribution pipe line in Thiruvalla town (laying 200mm/300 mm/450 mm/500 mm DI pipeline along MC road from Ramanchira to Mazhuvangad Chira in connection with PWD road renovation works			dropped
4	Replacement of Transmission Mains in Kottayam Circle	14.7997	23-03-2019	completed

Project-1-CWSS to Ettumanoor and adjoining villages- Replacing damaged 250mm PVC conveyance main from OHSR at Medical College to OHSR at Kuriattukunnu using 250mm DI K9 pipes			completed
Project-2-CWSS to Ettumanoor and adjoining villages- Replacing damaged 300mm AC conveyance main from OHSR at Medical College up to entrance of KWA Medical College Section office using 300mm DI K9 pipe			dropped
Project-3-KSP-WSS to Nattakom- Replacing old and damaged 300mm AC & 225mm PVC distribution main from Pakkil to Mooledam using 300mm & 250mm DI K9 pipes			dropped
Project-3-KSP-WSS to Nattakom- Replacing old and damaged 300mm AC & 225mm PVC distribution main from Pakkil to Mooledam using 300mm & 250mm DI K9 pipes			dropped
Project-4-KSP- WSS to Kumaranalloor- Replacing old and damaged 300mm AC gravity main from OH tank at Incherikkunnu to OH tank at SH mount using 300mm DI K9 pipe			dropped
Project-5-KSP- WSS to Kumaranalloor- Replacing old and damaged 300mm and 250mm AC distribution main from OH tank at Incherikkunnu to Chathukulam using 300mm and 250mm DI K9 pipe			dropped
Project-6-KSP- WSS to Panachikkadu Panchayath- Replacing old and damaged 300mm AC pipe line from Paruthumpara to Rajamma kavala using 300mm DI K9 pipe			completed
Project-7-UWSS to Kottayam- Replacing old and damaged 300mm and 225mm AC distribution main from KWA office to Kanjikkuzhi jn using 300mm and 250mm DI K9 pipes			dropped
Project-8-UWSS to Kottayam- Replacing old and damaged 160mm PVC conveyance			dropped

	main from OHSR at KWA Kottayam office compound to OHSR at Thalikkotta using 150mm DI K9 pipes			
	Project-9-ARWSS to Parathodu- Replacing existing 250mm AC line with 250mm DI from booster pumphouse Kooramthooku to Koovappally			completed
	Project-10-ARWSS to Kaduthurithy Panchayath-Replacement of old and damaged 90mm PVC Pipe with 110 mm & 90 mm PVC pipe in Mannar Temple and connected roads (4500M) in Kaduthuruthy Panchayath			completed
	Project-11-WSS to Velloor Panchayath- Replacement of old damaged pipe in Pareppadi-Kodothu bridge (90 mm PVC 1500 m) Vadakara-Thekkumvanam colony road (90 mm PVC 600 m) - Bhajanamadom settlement colony road (90 mm PVC 1100 m)			completed
	Project-12-ARWSS to Kidangoor Panchayat-Replacement of old and damaged 200 mm AC pipe with 200 mm DI pipe in Moonuthode road in Kidangoor panchayath			completed
	Project-13-ARWSS to Kallara Panchayat- Replacement of old and damaged 200 mm AC pipe with 200 mm DI pipe in Puthenpally junction to Ethakuzhy junction in Kallara panchayath			completed
5	Replacement of Transmission Mains in Kochi Circle	24.9752	8-4-2021	
	Project-1-ARWSS to Kothakulangara South and Manickamangalam villages- Replacement of 200 mm AC pipeline with 200 mm DI pipe- Sivajipuram- Peringamparambu road			dropped
	Project-2-CWSS to Rayamangalam- Replacing damaged 200mm AC pipe line with 160 mm PVC pipe between Peechanamugal and Kuruppampady			dropped

Project-3-CWSS to Rayamangalam- Replacing damaged 100mm AC distribution line with 110 mm PVC pipe from Kottamala tank to Kallil in Rayamangalam panchayath			dropped
Project-7-UWSS to Aluva Municipality- Replacement of old damaged AC pipes from pump junction to Marwar in Aluva Municipality (distribution line)			dropped
Project-11-Improvements of Water Supply to Tripunithura Municipality ward No. 20, 21, 26, 27, 28, 29, 30, 31, 32 and 33- Replacement of 200 mm AC gravity main using 200mm DI (K9) 2400m and 150mm DI (K9) 300 m from East Fort jn. To Market- Puthiyakavu Ayurveda jn.			dropped
Project-12-WSS to Thrikkakkara Municipality- Replacing existing major distribution line of 200mm AC pipe with 300mm DI (K9) pipe from Kakkanad TV station to Chittethukara- Supplying, laying, testing and commissioning of 300mm DI K9 pipe (2500m) and 160mm PVC 6 kg/cm ² (1000m) and all other associated works			dropped
Project-13-WSS to Thrikkakkara Municipality- Replacing existing major distribution line of 350mm AC pipe with corresponding size of DI K9 pipe from Kakkanad Pattupura Temple jn. to Mundempalam- Supplying, laying, testing and commissioning of 350mm DI K9 pipe (2800m) and 160mm PVC 6 kg/cm ² (2800m) and all other associated works			dropped
Project-14-Improvements of Water Supply to Kumbalam Panchayath- Kubalam area- Replacement of 600mm AC main using 400mm DI (K9) 450 m from Panangad OH tank to Mundempilly ferry			TS estimate under preparation
Project-16-WSS to Thrikkakkara Municipality- Replacing existing major distribution line of 250mm AC pipe with corresponding size of DI K9 pipe from			Under tender process

	Navodaya jn to Vikasavani- Supplying, laying, testing and commissioning of 250mm DI K9 pipe (1750m) and 160mm PVC 6kg/cm2 (1750m) and all other associated works			
	Project-18-Improvements of Water Supply to Kumbalam Panchayath, Kubalam area- Replacement of 600mm AC gravity main using 400mm DI K9 150m, 200mm DI K9 1850m and 150mm DI K9 1750m (both sides of NH 47) from CVC readymix plant to Kumbalam south end			dropped
	Project-19-Replacing old damaged 400mm Premo pipe with 400mm DI K9 pipe from Lourde Matha Church junction in pandit Karuppan road to K.P Vallon road for improving water supply in division no. 27 (old) of Kochi corporation.			Under tender process
	Project-20-WSS to Chottanikkara Panchayath - Urgent replacement of old damaged 200mm AC gravity main by 200mm DI pipe for a length of 1300m form Kottayathupara Jn. to new Chottanikkara sump cum pumphouse			dropped
	Project-21-ARWSS to Kothakulangara South and Manikkamangalam villages - Replacement of 200mm AC pipe with 200 mm DI pipe Kottamam - Neeleswaram road			dropped
6	Replacement of Transmission Mains in Muvattupuzha Circle	17.7076	19-1-2019	ongoing
	ARWSS to Arakkuzha-replacing damaged 125 mm AC Gravity Main from OH tank to Main road with 150 mm GI/160 mm PVC 200 m			dropped
	UWSS to Muvattupuzha-replacing damaged 200 mm AC and 150 mm AC Distribution pipe from Latha Bus stand Jn to Kizhakkekkara with 200 mm DI and 160 mm PVC Pipe			dropped
	UWSS to Piravom-Replacement of 350 mm AC gravity main from Kakkad TP to			Estimate

Piravom Hospital Jn.- Laying 350 mm DI K9 pipe 3350m			recasted
UWSS to Kothamangalam- Replacing damaged 300 mm AC pipe with 300 AC pipe with 300 mm DI from Malayinkeezhu to Ramalloor along Kothamangalam Thattekkad PWS road 850 m (distribution main)			dropped
UWSS to Kothamangalam- Replacement of damaged 300 AC pipe with 300 mm DI from Ambalaparambu to Valiyapara Kothamangalam Municipality 1000 m Reach II			completed
ARWSS to Pothanicad and Pallarimangalam-Replacing damaged 250 mm AC Distribution line to 250 mm and 200mm DI in Pothanicad Panchayath			dropped
UWSS to Kothamangalam- Replacing 300 mm AC distribution line with 300 mm DI pipe -2000 m from Rammallur to Elavumparamb			dropped
UWSS to Piravom and adjoining panchayaths- Replacement of damaged 250 mm AC gravity main from Kakkadu WTP to Pazhoor sump by laying 250 mm DI pipe line 2650 m			completed
UWSS to Kothamangalam-replacing 300 mm AC distribution line with 300 mm DI pipe-2000 m Jawahar Jn. To Mathirapilly			dropped
ARWSS to Rajakkad Rajakumari - Replacing 250mm AC gravity main with 250mm DIK9 pipes from Kuruvilacity to Rajakumari tank			dropped
ARWSS to Rajakkad Rajakumari - Replacing 250mm AC gravity main with 250mm DI K9 pipes from Rajakumari tank to Parappanangadi tank			dropped
ARWSS to Rajakkad Rajakumari - Replacing balance length of 250mm AC gravity main with 250mm DI K9 pipes from Kuruvilacity to Kulapparackal			dropped

	ARWSS to Rajakkad Rajakumari - Replacing 110mm PVC gravity main with 100mm DI K9 pipes from Kuruvilacity to Kadukkacity			dropped
7	Replacement of Transmission Mains in Thrissur Circle	35.13;	9-4-2018	
	AUWSS to Chalakkudy - Replacing 400 mm AC gravity main with 400 mm DI K9 pipes from Vazhakunnu Church to Urumbankunnu centre in chalakkudy Municipality	Revised FS= 52.79	revised FS on 24-04-2023	Under tender process
	CWSS to Nattika firka- Replacing 500 mm premo pipe by laying 500 mm DI K9 pipe 3000 m from Kaipamangalam to Perinjanam Reach I			Submitted to GoK for tender sanction
	AUWSS to Chalakkudy- Replacing damaged 450 mm AC pipe lines with 450 mm DI K9 pipes from illickadu valve chamber (Assarippara) to Vazhakkunnu church in Chalakkudy Municipality (1000 m)			Under tender process
	CWSS to Nattika firka- Replacing 400 mm premo pipes by laying 400 mm DI K9 pipe 5000m from Perinjanam to Mathilakam sump -Reach II			Submitted to GoK for tender sanction
	AUWSS to Chalakkudy - Replacing 350 mm AC Pipes with 350 mm DI K9 pipes from Asharippara to potta pappali junction in Chalakkudy Municipality (700 m)			Under tender process
	CWSS to Nattika firka- Replacing damaged 500 mm premo pipes from Valappad - Sethukulam - Vandanapally Ganeshamangalam sump - 13000 m			Submitted to GoK for tender sanction
8	Replacement of Transmission Mains in Palakkad Circle	34.0858	23-3-2019	completed
	Project-1-Comprehensive and RWSS to Kollengode and adjoining panachayaths- Replacement of 300 mm AC clear water Gravity main from Meenkara Kalikkavu OHSR to Kollengode OHSR with 300 mm			completed

	DI K9 pipe			
	Project-2-CARWSS to Kozhinjanpara and adjoining villages- Replacement of 200mm AC Clear Water Gravity Main from Master OHSR at Moonkilmada to Sathram Sump with 200mm DI K9 pipe for 16000m			completed
	Project-3-UWSS to Ottapalam Municipality - Replacement of 200/150/100/80mm AC distribution line at Ottapalam town and East Ottapalam area			dropped
	Project-3-UWSS to Ottapalam Municipality - Replacement of 200/150/100/80mm AC distribution line at Ottapalam town and East Ottapalam area			dropped
	Project-4-UWSS to Ottappalam- Replacement of 100 mm and 80 mm AC distribution line at Kaniyapuram, Varode and Thottakkara areas			dropped
	Project-5-UWSS to Ottapalam Municipality - Replacement of 300mm AC distribution line along Veettampara Varode road			dropped
	Project-6-UWSS to Shornur Municipality - Replacement of 300 to 80mm AC distribution lines for zone I OHSR area			completed
	Project-7-UWSS to Shornur Municipality - Replacement of 300 to 80mm AC distribution lines for zone II GLSR area			completed
	Project-8-UWSS to Shornur Municipality - Replacement of 300 to 80mm AC distribution lines for zone III Kulappully area			completed
	Project-12-UWSS to Ottapalam Municipality - Replacement of 300mm AC distribution line along Veettampara Panammanna road			dropped
9	Replacement of Transmission Mains in Malappuram Circle	28.4226	9-4-2018	completed
	UWSS to Tirurangadi Municipality- Relaying the old and damaged lower size			dropped

	and frequently bursting distribution			
	Laying 160mm PVC Gravity main from OHSR at Chelari to GLSR at Kodakkadu (replacement of 125mm AC pipe) in Vallikunnu Grama panchayath for ARWSS to Munniyoor, Thenni palam, Chelambra, Peruvallur(including road restoration charges)			dropped
	UWSS to Perinthalmanna-replacement of AC pipe with DI pipe in zone 1,2,and 3			dropped
	UWSS to Manjeri- Replacing old aged AC pipes with DI pipes of Manjeri Municipality			93 % completed; work foreclosed as per direction from Hon'ble High Court
	UWSS to Thirurangadi Municipality- Replacing frequently leaking, old damaged 150 mm AC pipe between Karipprambu to Pantharangadi			dropped
	UWSS to Thirurangadi Municipality- Replacing frequently leaking, old damaged 150 mm AC pipe between Pantharangadi to Palathingal			dropped
10	Replacement of Transmission Mains in Kozhikkode Circle	38.8619	23-3-2019	ongoing
	Project-2-Augmentation to BWSS- Replacement of 300mm AC pipe Distribution System			completed
	Project-3-Augmentation to BWSS- Replacement of 250mm AC pipe Distribution System			completed
	Project-4-RWSS to Velom- Supplying and 250mm DI K9 pipes for Distribution main in place of damaged 250mm AC pipe for 3200m and supplying and laying 90mm PVC pipe line for rider main			dropped
	Project-5-WSS to Onchiyam, Chorode etc. Villages- Replacing damaged AC distribution main from Edakkandikkunnu to Vellikulangara, Vellikulangara-Chorode,			dropped

	Edakkandikkunnu-Madappally with 350mm & 300mm DI K9 pipe-Part-I			
	Project-5-WSS to Onchiyam, Chorode etc. Villages- Replacing damaged AC distribution main from Edakkandikkunnu to Vellikulangara, Vellikulangara-Chorode, Edakkandikkunnu-Madappally with 350mm & 300mm DI K9 pipe -Part II			completed
	Project-6-RWSS to Thuneri Village- Replacing existing 200mm AC gravity main with 250mm DI K9 pipe from Nadapuram junction to Kakkamvellikkunnu GLSR			Agreement executed
	Project-7-RWSS to Edachery- Replacing 200mm and 150mm AC distribution mains			completed
	Project-8-AWRSS to Padinharathara and Thariode villages - Replacing damaged distribution at Padinharathara town area and various places in Thariode Panchayath			completed
	Project-10-CWSS to Pulpally&Mullankolly Panchayaths- Replacement of old and damaged 150mm AC gravity main from GLSR at Padichira to OHSR at pulpally			completed
	Project-11-RWSS to Moopaiand - Replacing damaged distribution line from Naranagakunnu road junction to Meenmutty road junction and Kallikeni SC colony in Moopainad Panchayath			completed
	Project-12-Renovation of WSS to Perambra, Koothali, Chakkittapara and Changaroth Panchayaths-Laying DI K9Transmission main from Peruvannamuzhi Treatment Plant to Perambra GLSR			completed
11	Replacement of Transmission Mains in Kannur Circle	45.7447	18-1-2019	completed
	WSS to Ramanthali panchayath in Thaliparamba Taluk-Replacing AC Gravity main, Transmission main and distribution in Zone II and distribution in Zone I			completed

WSS to Anjarakandy, Peralassery and adjoining panchayats-Replacing old 200mm AC distribution main with 200 mm DI K9 from GL Tank to Chembilode panchayat office road junction			dropped
WSS to Anjarakandy, Peralassery and adjoining panchayats-Replacing old 350mm AC distribution main with 350 mm DI K9 in Vengad Panchayath			dropped
Kolecherry WSS-replacing old 250mm AC Distribution main of Zone II with 350mm DI pipes from Panayatham Paramba Break pressure tank to Kudukkimotta for enhancement of coverage in Koodali & Munderi Panchayaths			completed
Improvements to WSS to Edakkad Zone I- Replacing the old 250 mm AC distribution line with 250 mm DI K9 pipe from GLSR at Chala to Thottada			dropped
Kolacherry WSS-Replacing 250 mm Dia AC distribution main with 250mm dia DI pipe from step road to Kannadiparamba for enhancement of coverage in Narath panchayath			completed
Kolecherry WSS-Zone I-Replacing old 400/350 mm premo/AC pipe from Kothery GLtank to Vayanthode Jn. with 400 mm DI pipe			completed
WSS to Anjarakandy, Peralassery and adjoining panchayats- Replacing old 300,250 & 200 mm AC distribution main with 300,250 & 200 mm DI K9 pipe from Moonnuperiya Jn. to Vellachal Town Jn.			completed
CARWSS to Keezhur Chavasserry- Replacing AC Transmission main from OH tank at Palapparamba to Keezhurkunnu with 250 mm DI pipe for enhancement of coverage in Keezhur Village			completed
WSS to Anjarakandy, Peralassery and adjoining panchayats-Replacing old 300mm, 250mm and 200mm AC distribution main pipes with 300 mm, 250			completed

	mm and 200 mm DI K9 pipes in Anjarakandy Panchayat			
	Replacing 350 mm dia AC pipe of distribution main of zone II-Kolecheery WSS with DI pipes from Vaduvankulam to Panayathamparamba Break pressure tank for enhancement of coverage in Kuttiattoor, Koodali, Munderi and Keezhallur panchayaths			completed
	WSS to Pallikunnu Puzhathai, Chirakkal and Valapattanam area-Replacement of Gravity / Pumping main by laying gravity main to OHSR at Pallikunnu and to Panankavau			completed
	Kasargode WSS- Replacing of old and damaged premo and PVC pipe from Vidhyanagar KWA compound to old bus stand Kasaragod (balance work)			completed
	ARWSS to Badiadka and Neerchal villages-Replacement of old and damaged AC and PVC pipes with DI & PVC pipes			completed
	Total	430.233		

Sl.No	Name of Work
	WRD005-121-THIRUVANANTHAPURAM CIRCLE
1	TWSS-Replacing of existing damaged transmission main 215 mm HDPE pipe with 250 mm DI pipe from Bhagath singh nagar to GLSR at Mannanthala
2	Project 5 -CWSS to Kallara, Pangode, Panavoor, Pullampara and Vembayam panchayaths -Replacing 300 mm and 350 mm AC transmission cum distribution main from Nellikunnu to Iyer mukku of Pangode grama panchayath with DI K9 pipes
3	CWSS to Kallara, Pangode, Panavoor, Pullampara and Vembayam panchayaths-Replacing 200 mm AC transmission cum distribution main from Bharathannur to Kottayappan kavu and at Iyermukku with DI K9 pipe
	WRD005-122 - KOLLAM CIRCLE
1	BAWSS to Kundara and adjoining panachayath-Replacement of old 500 mm AC transmission main with 500 mm DI pipe from Vilakkudy school junction to Kunnikkode sump
2	BAWSS to Kundara and adjoining panachayath-Replacement of old 300 mm AC transmission main with 300 mm DI pipe line from Ezhukone GLSR to Kundara OHSR
3	BAWSS to Kundara and adjoining panchayath-Replacement of old 160 mm PVC distribution main with 160mm PVC (10 kg/cm2) from Pallimukku to Hospital Junction in Kundara Panchayath
4	BAWSS to Kundara and adjoining panachayath-Replacement of old 250 mm AC transmission main with 250 mm DI K9 pipe from Kundara OHSR to Perayam OHSR
5	BAWSS to Kundara and adjoining panachayath-Replacement of old 300 mm AC transmission main with 300 mm DI K9 pipe from Ezhukone GLSR to Cheerankaavu junction
6	Replacing 350mm dia AC, 300mm AC and 250mm dia AC transmission main of Chithara and adjoining WSS with 300 mm ,250 mm and 200 mm dia DI K9 pipe (Phase-II)
7	UWSS to Punalur Municipality-Replacing old &damaged 150mm/80mm AC pipe in Nellippally - Kallar - Thumpodu Roads in Punalur Municipality
8	RWSS to Pathanapuram Panchayath-Replacement of very old and damaged AC & PVC pipes at various places in Pathanapuram Panchayath
9	RWSS to Kottiyam Perayam-Replacement of old 150mm AC pipe with 160mm PVC in Mylakkadu road to Perayam and CP Kada to Arattambalam pumphouse - 750m
10	BA WSS to Kundara and adjoining panachayath-Replacement of old 350 mm AC

	pipe with 350 mm DI pipe from Kottarakkara market junction to Ezhukone booster (5000 m)
WRD005-123-PATHANAMTHITTA CIRCLE	
1	RWSS to Vechoochira- Replacing damaged 200mm AC transmission main from Koothattukulam to Kumbithodu with 250mm DI K9 pipe
2	RWSS to Chenneerkara Mezhuveli- Replacing damaged AC pipe at Pannikkuzhi, Elavumthitta, Muttathukonam, Manjanikkara and Ramanchira area
3	RWSS to Kaviyoor and Kunnamthanam- Replacing 250 mm AC gravity main with 250mm DI K9-Vyttadu junction to Elavanal sump (2nd Reach)
4	RWSS to Konni Aruvappulam - Replacing old and damaged 100mm GI pipe with 200mm DIK9 Pipe for gravity main to Ottupara
5	RWSS to Angadi - Replacement of damaged pipelines at various places of RWSS to Angadi (5 nos of replacements)
6	RWSS to Thrikodithanam - Replacing old existing 150mm AC conveyance main line with 200mm DI K9 pipe from Mittayi company Fathimapuram to Thrikodithanam boosting pump house
WRD005-129-MALAPPURAM CIRCLE	
1	UWSS to Manjeri- Replacing old aged AC pipes with DI pipes of Manjeri Municipality
WRD005-126-Muvattupuzha Circle	
1	UWSS to Kothamangalam- Replacement of damaged 300 AC pipe with 300 mm DI from Ambalaparambu to Valiyapara Kothamangalam Municipality 1000 m Reach II (distribution main)
WRD005-131 - Kannur Circle	
1	WSS to Ramanthali panchayath in Thaliparamba Taluk-Replacing AC Gravity main, Transmission main and distribution in Zone II and distribution in Zone I
2	Kolecherry WSS-replacing old 250mm AC Distribution main of Zone II with 350mm DI pipes from Panayatham Paramba Break pressure tank to Kudukkimotta for enhancement of coverage in Koodali & Munderi Panchayaths
3	Kolacherry WSS-Replacing 250 mm Dia AC distribution main with 250mm dia DI pipe from step road to Kannadiparamba for enhancement of coverage in Narath panchayath
4	Kolecherry WSS-Zone I-Replacing old 400/350 mm premo/AC pipe from Kothery GLtank to Vayanthode Jn. with 400 mm DI pipe
5	WSS to Anjarakandy, Peralassery and adjoining panchayats- Replacing old 300,250 & 200 mm AC distribution main with 300,250 & 200 mm DI K9 pipe from Moonnuperiya Jn. to Vellachal Town Jn.
6	CARWSS to Keezhur Chavasserry- Replacing AC Transmission main from OH tank at Palapparamba to Keezhurkunnu with 250 mm DI pipe for enhancement of coverage in Keezhur Village
7	WSS to Anjarakandy, Peralassery and adjoining panchayats-Replacing old 300mm, 250mm and 200mm AC distribution main pipes with 300 mm, 250 mm and 200 mm DI K9 pipes in Anjarakandy Panchayat

8	Replacing 350 mm dia AC pipe of distribution main of zone II-Kolecheery WSS with DI pipes from Vaduvankulam to Panayathamparamba Break pressure tank for enhancement of coverage in Kuttiattoor, Koodali, Munderi and Keezhallur panchayaths
9	WSS to Pallikunnu Puzhathai, Chirakkal and Valapattanam area-Replacement of Gravity / Pumping main by laying gravity main to OHSR at Pallikunnu and to Panankavau
10	Kasargode WSS- Replacing of old and damaged premo and PVC pipe from Vidhyanagar KWA compund to old bus stand Kasaragod (balance work)
11	ARWSS to Badiadka and Neerchal villages-Replacement of old and damaged AC and PVC pipes with DI & PVC pipes

WRD005-124- Kottayam Circle

1	Project-1-CWSS to Ettumanoor and adjoining villages- Replacing damaged 250mm PVC conveyance main from OHSR at Medical College to OHSR at Kuriattukunnu using 250mm DI K9 pipes
2	Project-6-KSP- WSS to Panachikkadu Panchayath- Replacing old and damaged 300mm AC pipe line from Paruthumpara to Rajamma kavala using 300mm DI K9 pipe
3	Project-9-ARWSS to Parathodu- Replacing existing 250mm AC line with 250mm DI from booster pumphouse Kooramthooku to Koovappally
4	Project-10-ARWSS to Kaduthurithy Panchayath-Replacement of old and damaged 90mm PVC Pipe with 110 mm & 90 mm PVC pipe in Mannar Temple and connected roads (4500M) in Kaduthuruthy Panchayath
5	Project-11-WSS to Velloor Panchayath-Replacement of old damaged pipe in Pareppadi-Kodothu bridge (90 mm PVC 1500 m) Vadakara-Thekkumvanam colony road (90 mm PVC 600 m) - Bhajanamadom settlement colony road (90 mm PVC 1100 m)
6	Project-12-ARWSS to Kidangoor Panchayat-Replacement of old and damaged 200 mm AC pipe with 200 mm DI pipe in Moonuthode road in Kidangoor panchayath
7	Project-13-ARWSS to Kallara Panchayat-Replacement of old and damaged 200 mm AC pipe with 200 mm DI pipe in Puthenpally junction to Ethakuzhy junction in Kallara panchayath

WRD005-128-Palakkad Circle

1	Project-1-Comprehensive and RWSS to Kollengode and adjoining panachayaths-Replacement of 300 mm AC clear water Gravity main from Meenkara Kalikkavu OHSR to Kollengode OHSR with 300 mm DI K9 pipe
2	Project-2-CARWSS to Kozhinjanpara and adjoining villages- Replacement of 200mm AC Clear Water Gravity Main from Master OHSR at Moonkilmada to Sathram Sump with 200mm DI K9 pipe for 16000m
3	Project-6-UWSS to Shornur Municipality - Replacement of 300 to 80mm AC distribution lines for zone I OHSR area
4	Project-7-UWSS to Shornur Municipality - Replacement of 300 to 80mm AC distribution lines for zone II GLSR area

5	Project-8-UWSS to Shornur Municipality - Replacement of 300 to 80mm AC distribution lines for zone III Kulappully area
WRD005-130-Kozhikode Circle	
1	Project-2-Augmentation to BWSS- Replacement of 300mm AC pipe Distribution System
2	Project-3-Augmentation to BWSS- Replacement of 250mm AC pipe Distribution System
3	Project-7-RWSS to Edachery- Replacing 200mm and 150mm AC distribution mains
4	Project-8-AWRSS to Padinharathara and Thariode villages - Replacing damaged distribution at Padinharathara town area and various places in Thariode Panchayath
5	Project-10-CWSS to Pulpally&Mullankolly Panchayaths- Replacement of old and damaged 150mm AC gravity main from GLSR at Padichira to OHSR at pulpally
6	Project-11-RWSS to Moopaiand - Replacing damaged distribution line from Naranagakunnu road junction to Meenmuttery road junction and Kallikeni SC colony in Moopainad Panchayath
7	Project-12-Renovation of WSS to Perambra, Koothali, Chakkittapara and Changaroth Panchayaths-Laying DI K9Transmission main from Peruvannamuzhi Treatment Plant to Perambra GLSR