

**AMRUT - KWA - STATUS AS ON 31.10.2021**

No: of Projects	SAAP YEAR	NAME OF WORK	AS DATE	AS AMOUNT (in Crores)	PRESENT STATUS	PRESENT PROGRESS (%)	ISSUES	Expenditure (in crores)
<b>TRIVANDRUM</b>								
<b>PROJECT DIVISION, TRIVANDRUM</b>								
<b>WATER SUPPLY SECTOR</b>								
1	15-16-17	Improvement of water supply scheme - Construction of 75mld Water Treatment Plant at Aruvikkara	23/2/2017	70.00	Work completed and WTP inaugurated.	100%		
2	16-17	Construction of smart office in Thiruvananthapuram - Kowdiar, Pongmoodu, Vellayambalam 2016-17	15/08/2017	1.75	Pongumoodu office - Work completed (Inaugurated on 17/8/20.) Vellayambalam office - Work completed (Inaugurated on 7/8/20), Kowdiar office -Outside plastering and inside plastering at Ground floor is going on..	85%		
3	16-17	Supplying and Installation of smart meters	27/9/2017	2.29	Work split in to two packages			
	16-17	Supplying and Installation of smart meters - Phase I		1.27	Out of a total of 394 numbers, 376 Smart meters were installed.Interlinking software in progress..	85%		
	16-17	Supplying and Installation of smart meters - Phase II		1.02	Installed 3 water meters for testing and the respective readings are available in the portal. Meters completed FCRI testing.  Route, consumer numbers with address finalised and approved for	1%		
4	17-18	Installation of Flow meters	1-1-2018	7.50	Work includes installing flow meters of size 90mm to 1200mm in trunk mains and inlet/outlet of service reservoirs in TMC (53 Nos), Level Transmitter (20 Nos).  41 Nos of flowmeter out of 53 installed till date. Balance flowmeter procurement in progress. Chamber construction at Observatory hills for 700mm & 400mm flowmeter in progress..	78%		
		<b>TOTAL - WATER SUPPLY</b>		81.54				61.780
<b>SEWERAGE SECTOR</b>								

1	15-16 16-17	Decentralized 5MLD sewerage treatment plant (STP) at Medical College including water recycling plant and reuse	23/02/2017	19.16	mechanical erection done, sludge dewatering screw press machine erected. Old PH demolition completed & soil refilling in progress. After this only disk filter can be erected. The Contractor completed civil works of intake well, screen chambers, MBBR 1& 2, Equalization tank, Clarifier 1 & 2, Chlorination tank, etc. Admin building & chlorination building civil work including flooring completed. Admin building & Chlorination building aluminium door & window fixing done. Electrical power with the old pump house is connected & the pumps and specials are taken out of old pump house. For the STP, Electrical panel, DG, Transformer, cabling, internal electrification done. KSEB HT power allocation security deposit remitted and the KSEB	94%		
2	15-16	Construction of sewerage pump house at Edathara in Thiruvananthapuram Corporation	23/2/2017 16/9/2020 (Revised A.S)	8.21	Pulayanarkotta stilling chamber to MH 10 work:- 1) 700 mm RCC NP3 pipe - Completed (304m).2) 800 mm RCC NP3 pipe laid for a length of 643.20 m/1120.00m. 3)1000mm RCC NP3 pipe laid for a length of 595.80 m/ 1690.0 m 5)Construction of 52/110 nos of MH completed.6)Stilling chamber-completed. Also construction of 3 Nos of M Hs are in progress. Pipe laying work in progress at Manjadi Road and at Kunjuveed lane.SN Nagar I reach become fully motorable and permitted to the contractor for laying pipes in the next reach. Steel works and shuttering works are going on well 1 & well 2.done RCC in wall of well 1 of height 2.55m,well 2 of height 1.2m and grit chamber wall of 1.95m till date.Red earth filling on the siteShuttering wok of Well 2 is going on for next lift. Sinking of grit chamber is going on. Also dumping of earth around the site as approach to site is very difficult due to slushy soil and is difficult for crane to operate in this soil.	11%	Land to be acquired for laying the gravity connection pipe from grit chamber to manhole in the Poonthi road.  Joint Inspection has been done for determining the face value of the land.	
3	15-16	Supplying and Laying 600mm dia DI Pumping main from Pump at Edathara to STP at Muttathara in Thiruvananthapuram Corporation.	23/2/2017	17.29	The contractor supplied 8700m - 600mm dia DI pipes. Out of 8700m; 3475m pipe laying including testing completed. 2329.00m pipe laid but testing pending & around 2281m length laying & testing pending at site. Site visit by SE, EE, Corporation AMRUT team, Councilor and representatives of Karali Residents Association was on 05.08.2021. Visited the site for a lifting station shown by Councilor and it has been decided to arrange survey and to take estimate for satisfying the need for the area urgently. SE explained the need for restarting the subject work before starting sewer network for this area, as all the ongoing sewerage work will be held up due to this protest. But they haven't responded positively.The subject matter was informed to the Hon'ble Minister for Transportation (MLA of the area) on 10.09.2021. It is assured that Minister will discuss the matter with councilor of the area and will inform KWA.During the meeting at SE's chamber it has been decided to short close the subject work and prepare estimate for the	69%	Site visit was convened with SE, EE, Corporation AMRUT team, Councilor and representatives of Karali Residents Association on 05.08.2021. The site for a lifting station shown by Councilor has visited and it has been decided to arrange survey and take estimate for satisfying the need for the area urgently. SE explained the need for restarting the subject work before starting sewer network for this area as all the ongoing sewerage work will be held up due to this protest	
4	16-17	Laying transmission main and sewer networks in Block L (Edathara) - Collection and Conveyance system	2/11/2017 16/9/2020 02/07/2021 (Revised A.S)	32.70	Work split into 6 packages.			
	16-17	(a) Laying trunk main from Stilling chamber at Pulayanarkotta to MH 10 of Pumping station at Edathara (Part 1)		15.58	.Pulayanarkotta stilling chamber to MH 10 work:- (1) 700 mm RCC NP3 pipe - Completed (304m). (2) 800 mm RCC NP3 pipe laid for a length of 733.50 m/1120.00m. ( 3)1000mm RCC NP3 pipe laid for a length of 630.5 m/ 1690.0 m (4)Construction of 55/110 nos of MH completed. (5)Stilling chamber-completed. Also construction of 4 Nos of M Hs are in progress. Pipe laying work in progress at SN Nagar. Pipe laying to be done reaches such as Manjadi lane and Kunjuveed lane are water logged areas and pipe cannot be laid in the last week due to frequent and heavy rain. KRFB permitted road cutting through Poonthi Road. Due to frequent raining and inadequacy of shoring the progress of the work is less. Heavy rain affecting the total progress of the work..	53%	KRFB road cutting nod at Kumarapuram Poonthi road yet to get. Road restoration amount (Rs. 3.22 Cr) paid to KRFB,sanction to be obtained. It is informed by KRFB that the request of KWA for doing the sub work has been forwarded to the District Collector for approval. On receipt of approval from the District Collector, permission will be granted to the KWA for laying sewer line under AMRUT project at Poonthi	

	16-17	Supplying and laying sewer line through Pettah Venpalavattom road, Greenpark road and side of Amayizhinjan thodu and to MH 7 Edathara zone500mm (RCC pipe-1530m) - package 2		2.94	<p>Rupees 2.72 Cr. was deposited to the Irrigation department for the construction of side wall in Amayizhinjanthodu. On 13.01.2020, EE, Irrigation has informed that the original proposal was for 900m length &amp; needed revision. Amount is not sufficient for the work. KWA Superintending Engineer and Executive Engineer had discussion with Chief Engineer, Irrigation Dept on 19.03.2021 and 09.04.2021. As per the discussions, the required details are yet to furnish by Irrigation. Contacted irrigation officials on 22/06/2021. It is informed that before starting the construction of retaining walls on the side of Amayizhinjan thodu, survey has to be done for fixing the boundary of Amayizhinjan thodu. For that AEE, Irrigation has requested to Tahasildar to take urgent steps to survey the location. But the survey work has not completed till date. It may note that the subject work can be executed only after the completion of retaining wall of Amayizhinjan thode. Now the subject work is tendered. The due date of tender extended till 28/06/2021. But no offers received and hence cancelled.</p> <p>During AMRUT review meeting on 6.07.2021, it has been decided to arrange a meeting with Irrigation and Revenue to speed up the construction of retaining wall. But the meeting has not convened yet. Estimate for laying pipe independently with retaining wall is under preparation. Joint inspection was conducted with Executive Engineer, Councilor and secretary on 02.09.2021 and councilor offered full hearted support for carrying out the work and agreed to intimate the nearby land owners of the area. A meeting was convened by EE, Irrigation on 22.09.2021 at 11</p>			
	16-17	Laying transmission main and sewer network in block L Edathara- collection and conveyance system- Supply and laying trunk main from stilling chamber at Udhaya Garden to MH 89- package 3		1.96	<p>600mm pipe laying going on.</p> <p>600mm pipe laying going on. 1)500mm RCC NP3 pipe - Laying &amp; MH construction completed 2) 600mm RCC NP3 pipe for laying length of 252.5/ 620.00 m &amp; 24.00 for interconnection with MH 3) construction of 21/54 nos of MH completed and 10 in progress till date.</p>	62%		
	16-17	Sewer network from Pettah Arasumooode junction to MH-7 Edathara pumping station package 4		6.41	<p>Pilot drilling completed. 8" reaming started.</p>	27%		
	16-17	AMRUT-Laying transmission main and sewer network in Block L Edathara- collection and conveyance system- Laying Sewer network by HDD method from MH 10 towards KIIMS Hospital (Package 6)		3.36	<p>960m 315mm HDPE pipes arrived and stacked at site. Road cutting sanction not received from PWD and KRFB. Letter send from Mission Director AMRUT to DC Tvm for sanction of road cutting in KRFB roads. During AMRUT review meeting on 06.07.2021 the same was discussed and noted that till Aug 15th monsoon ban is there. Hence AMRUT team assured to conduct a meeting with KRFB for granting a special permission. The contractor submitted the ground level sheet for approval and got approved. The District Co-ordination committee of District collector sanctioned the permission. AMRUT team informed that Corporation secretary is going to arrange a meeting with KRFB for getting special permission during this monsoon ban. Request for permission from Division given to CEO, KRFB. Permission to receive soon. Preliminary works and position of manholes are fixing. Level sheets submitted. New design with invert levels fixed and submitted for approval. .</p>	25%	Road cutting sanction not received from PWD and KRFB.	
5	17-18	Supplying and erection of pumpsets, transformer and electrical accessories in the Block- L, Edathara Pumping Station	30/3/2019	4.00	<p>Work order issued on 11/8/21 and Agreement executed on 06/09/2021..</p>			

6	17-18	Construction of Pumping station at Akkulam (Block K)	2-11-2017	4.00	<p>The work consist of 2 nos of well of dia 6.5 m .  RCC for side wall of Well -I completed. Grit chamber excavation in progress.Concreting done for 2Nos column at well-1. ..</p> <p>Plastering started for Well-2 using SRC cement. Earth filling for substation building..</p>	65%		
7	17-18	Supplying and laying 450mm DI K9 pumping main for a length of 1800m(Block K - Akkulam pumping station on Pulayanarkotta stilling chamber)	2-11-2017	2.28	Work completed.	100%		
8	17-18	Supplying and laying Transmission main in Block K (Akkulam) to connect stilling chamber at Bypass junction to pumping station at Akkulam collection and conveyance system	2-11-2017	7.00	<p>630 mm HDPE - 728 M completed out of 971.00 m Reaming completed, 33m of 630mm HDPE pipe laid by HDD process.</p> <p>Construction of MH, out of 40 nos, 9 completed &amp; 5 in progress . ,Manhole sinking near NISH. .</p>	73%		
9	17-18	Supplying & erection of pumpsets, transformer & electrical accessories in the Akkulam Pumping Station (Block-K).	2-11-2017	1.93	<p>Work order issued on 12-08-2021 to the Lowest Tenderer M/ Nirman Electrical Engineers .Agreement executed on 06/09/2021. The supply of electrical accessories can be done only after the completion of the substation building at Akkulam Pumping station. QAP send for approval.</p>			
10	17-18	Construction of Pumping station at Karimanal (Block J)	2-11-2017	4.00	<p>well no.1 - 11 m excavation completed including RCC (out of 15.10 m) ;Well no.2 - 13.75 m excavation completed including RCC(out of 15.10) ; White cementing of Pump House Completed .Further well sinking for Well No2 and well1 was progressing. But the Heavy rain affected the progress of work. No work is carry on due to the flood water. Bailing out is in progress. .</p>	78%		
11	17-18	Supplying and laying 350mm DI K9 pumping main (Karimanal Pumping station)	2-11-2017	1.30	Work Completed	100%		
12	17-18	Laying Transmission main and sewer networks in Block J (Karimanal) - Collection & Conveyance system	2-11-2017	15.02	Work split in to 3 components			

	17-18	Trunk main to Karimanal		12.73	Progress of the work is Nil. Work done so far 17 Nos manholes,(those are partially completed) and 66m HDPE pipe laid through HDD method is totally failed. A meeting of the contractor was scheduled on 02-08-2021 at SE office in this regard and decided to terminate the work and to arrange the balance work at Risk and cost of the contractor. Estimate for the same is under scrutiny..	26%	Manholes are to be constructed to 8 metre depth and pipe laying is done by HDD method. The area is water logged, with water within a depth of 2metre.
	17-18	Sewer network from Bypass Jn (Kuzhivila) to MH3 of trunk main from Arasumoodu to Karimanal Pumping station		1.59	First Tender - Single offer received. no additional offer received. Tender cancelled. First re-tender(RT1) -Single offer received. Due to high quote rate tender cancelled (90% above) Second re-tender (RT2),third re-tender (RT3),forth re-tender (RT4)- No offer received. Hence cancelled. fifth re-tender (RT5) - Single offer received. Single offer received 49 % above TPAC . Tender placed in the tender committee in H.O held on 30/11/2020. Decided to retender the work. Revised TS issued. Work is retendered with due date 19.5.2021 and extended up to 23-06-2021 due to nil offer. Opening date on 25-06-2021. Work Retendered at Division Office with 16-08-2021 as due date and 18-08-2021 as tender opening date. Work tendered at Division Office with 16-08-2021 as due date and 18-08-2021 as tender opening date. Single offer Received. Decided to cancel the tender and invite tender based on new schedule of		
	17-18	Inter connection sewer networks from trunk main man holes of both sides of the road from Arasumoodu		0.70	173 nos of small connection pits works done out of 300 nos .The interconnection works can be executed on the progress of the main transmission pipe line & MH works of the contractor M/s Varthaman Engg works .The progress of the Work in laying transmission main is nil .SE has conducted a review meeting with the contractor on 12-07-2021 and directed to complete balance connection pits wherever possible .Balance work can only be resumed on fixing the Manholes positions in the Original work of Trunk main laying	29%	
13	17-18	Providing sewer trunk from Kuzhivila to Pumping station	27/11/2017 16/10/2020	12.35	Work split into 4 packages.		
	17-18	(A)Pumping main from kulathoor proposed pumping station to arasumoodu		1.06	Work Completed	100%	
	17-18	(B)Construction of pumping station at Kulathoor		4.20	.Concreting of well steining (1 & 2) - 4.2m of 17.50m. Scooping of well No.1 - 4.20m of 14.90m & well No 2 - 1.1m of 14.90m. Concreting of Grit chamber - 3.15m of 12.30m. Scooping of Grit chamber - 1.65m of 10.30m.	18%	

	17-18	(C) Sewer transmission main to Kulathoor		4.80	<p>Work order issued on 27.5.2020. Agreement not executed.Final notice issued to the firm on 10.10.2020 for executing the agreement on or before 23.10.2020. The tender has been cancelled.</p> <p>There are practical difficulties in laying transmission main through the side of Thettiyar thodu, in between the compound wall of Technopark campus and the water way. KWA requested Technopark authorities for laying pipe inside their campus.</p> <p>Technopark authorities informed vide letter No.ETPK/PH-III/AL-02/2021-22 Dated 23-07-2021 that , proposal of KWA to lay pipe inside their campus may cause difficulty for future maintenance ,as they have no alternate road for diverting traffic during contingencies. They suggest to make use of the land between the boundary of Technopark and the bank of Thettiyar. Hence Survey has to be done and the redesign has to be done accordingly. Site clearance work for level measurement completed and level measurement have taken ..Revised estimate (2018/1943) along with design submitted to Dn office for verifying and obtaining TS from concerned office . Revised the estimate at current DSQR and submitted to Dn office</p>			
	17-18	(D) Supplying and Erection of Pumpsets, transformer and electrical		2.29	<p>Status same of package B</p> <p>(Cancelled based on completion of P &amp; D)</p> <p>First tender - No offer, cancelled.</p>	10%		
14	17-18	Supplying and erection of pumpsets , transformer and electrical accessories in the Karimanal Pumping Station(BlockJ)	2-11-2017	1.50	<p>First Tender (after estimate revised with GST component ) - No offer First re-tender(RTI) -. No offer Second re-tender (RT2) Single offer received 64 % above TPAC. On verification, peak flow of 0.29 m3/s cannot be met by the proposed pumpsets. HenceCE (SR) directed SE, Trivandrum to cancel and retender the work immediately. Retendered with opening 8/2/2021. No offer received. Electrical specifications scrutinized by theSpecial Officer, Electrical.</p> <p>The revised TS sanctioned (Estimate no.2018/4805) &amp; Re tendered the work (last date expired on 11.6.2021) Extended up to 01.07.2021 as only one offer receivedRe tender opened on 09-07-2021 .Work order issued on 12-08-2021 to the Lowest Tenderer M/ Nirman Electrical Engineers at his quoted 4.63% above Tendered PAC,Work order issued on 12-08-2021. Agreement executed by the contractor on 06/09/2021. Pump procurement activities is progressing..</p>			
15	17-18	Providing mechanical Sludge drying unit at Muttathara 107 Mid STP	1-1-2018	5.00	<p>Work order issued on 25/01/2021. But the bidder has informed that the amount of proposed tender is not enough to complete the plant and ten year maintenance and hence the firm is quitting the work. Hence, the tender was cancelled.</p> <p>The Principal, CET informed that they are willing to take up the work as a consultancy research project. It is also informed that the approx. amount of Rs. 6 Cr will be required for the first phase (sludge treatment) and Rs. 11 Crore for the 2nd phase (to enhance the quality of end products in the first phase).As directed the team of environmental engineers, discussed four technologies and finally proposed a new process "pyrolysis". A primary</p>			
		TOTAL - SEWERAGE		135.74				48.328
PH DIVISION NORTH, TRIVANDRUM								
WATER SUPPLY SECTOR								
1	17-18	Replacement of the existing damaged pipe lines & Alteration of house connections of Thiruvananthapuram water supply scheme	13/11/2017	15.00	<p>Work split in to 32 packages, Out of this, 20 packages executing by PH Division North &amp; 12 packages executing by PH Division South</p>			
	17-18	Replacing existing 100 mm AC along Chakkalamukku - Societymukku		3.23	Work completed	100%		

17-18	Replacing existing 125 mm AC along Pipinmoodu - Golflinks road		0.53	Work completed	100%		
17-18	Replacing existing 80 mm AC along Monvila Ushus Nagar to Chenkodikkadu		0.17	Work completed	100%		
17-18	Replacing existing 150 mm CI along Mulavan Jn- Gowreesapattom-Pottakuzhy		0.52	Work completed	100%		
17-18	Replacing existing 100 mm AC along Mosque lane Pettah ward		0.28	Work completed.	100%		
17-18	Replacing existing 80 mm AC along Amabalamukku NCC road		0.57	Work completed	100%		
17-18	Replacing existing 100 mm AC along Vayalikkada - Madathunada road		0.64	Work completed.	100%		
17-18	Replacing existing 80 mm AC along Manvila - Pullukadu-Don bosco road		0.17	Work completed	100%		
17-18	Replacing existing 80 mm AC along Ambalamukku Mannadi Lane		0.20	Work completed.	100%		
17-18	Replacing existing 150 mm AC along Ambalamukku - Oolampara road		0.43	Work completed.	100%		
17-18	Replacing existing 100 mm AC along Varambassery road		0.56	Work completed.	100%		
17-18	Replacing existing 110 mm PVC along Thilak Nagar Parottukonam		0.23	Work completed.	100%		
17-18	Replacing existing 100 mm AC along Rajaji Nagar inThampanoor ward		0.46	Work completed	100%		
17-18	Replacing existing 150 mm AC along Arasumoodu to Thippatti temple road		0.29	Work completed.	100%		
17-18	Replacing existing 50 mm GI along Musaliar lane Pettah ward		0.07	Work completed.	100%		
17-18	Replacing existing 80 mm AC along Monvila tank to Thalavarambu Temple road		0.18	Work completed	100%		
17-18	Replacing existing 80 mm AC along Monvila Jn to Nirmalalayam road		0.16	Work completed.	100%		
17-18	Replacing existing 100 mm AC along Madathunada - Perappoor road		0.32	Work completed.	100%		
17-18	Replacing existing 100 mm AC along Vayalikkada to Kuravankonam		0.35	Work completed.	100%		
17-18	Replacing existing 100 mm AC along Kunnukuzhi road		0.57	Work completed.	100%		

2	17-18	Replacement of old and damaged pipelines of Trivandrum water supply scheme & alteration of house connections -Phase II	22/02/2018	2.50	Work split in to 7 packages, Out of this, 6 packages executing by PH Division North & 1 package executing by PH Division South			
	17-18	Replacing old AC main with 140mm,110mm and 90mm PVC pipes along Sree rangam lane, Elankom road, indoo lane in		0.80	Work completed	100%		
	17-18	Replacing old AC service main pipes with 110mm, 90mm, UPVC Pipes at CSM Nagar in Vazhuthacaud ward,		0.44	Work completed	100%		
	17-18	Improvement of water supply to Kallampally & Periyamadam area by interconnecting with 110 mm PVC pipe		0.09	Work completed.	100%		
	17-18	Replacing old AC pipes with 110mm PVC pipes along Gandhi Nagar lane, Tagore Nagar, in Vazhuthacaud Ward,		0.13	Work completed	100%		
	17-18	Replacing old AC service main pipes with 110mm, 90mm UPVC pipes at Udarasiromany Road and Palottukonam in Vazhuthacaud ward,		0.63	Work completed.	100%		
	17-18	Replacing old AC service main pipes with UPVC main along Panickers Lane and Mangalam Lane in		0.21	Work completed.	100%		
		TOTAL - WATER SUPPLY		12.20				13.870
PH DIVISION SOUTH, TRIVANDRUM								
WATER SUPPLY SECTOR								
296	17-18	Replacement of the existing damaged pipe lines & Alteration of house connections of Thiruvananthapuram water supply scheme	13/11/2017	15.00	Work split in to 32 packages, Out of this, 20 packages executing by PH Division North & 12 packages executing by PH Division South			
	17-18	Replacement of existing 150mm AC pipe with 160mm pvc at Konchiravila		0.39	Work completed.	100%		
	17-18	Replacement of existing 150mm AC pipe with 160mm pvc at Sreevaraham		0.51	Work completed.	100%		
	17-18	Replacement of existing 150mm AC pipe with 160mm pvc at Ariyankuzhy		0.96	Work completed.	100%		
	17-18	Replacement of existing 100mm GI pipe with 110mm pvc at Chalai area		0.69	Work completed.	100%		
	17-18	Replacing existing damaged pipe and laying 160 mm pvc and altering existing connection to new line at		0.55	Work completed.	100%		
	17-18	Replacing existing damaged pipe and laying 110 mm pvc and altering existing connection to new line at		0.48	Work completed.	100%		
	17-18	Replacing existing damaged pipe and laying 110 mm pvc and altering existing connection to new line at		0.11	Work completed.	100%		
	17-18	Replacing existing damaged pipe and laying 110 mm pvc and altering existing connection to new line at Thirumala to		0.03	Work completed.	100%		



	17-18	TWSS – Alteration of House connections to the JICA and JnNURM line in Cheriya muttam area (Package 1)		0.43	Work completed	100%		
	17-18	TWSS – Alteration of House connections to the JICA and JnNURM line in Poonthura church area (Package 2)		0.32	Work completed	100%		
	17-18	TWSS MACE AMRUT Proposal- Providing new connection and alterations of house connection from JICA /JnNURM. Reconnect laid lines in		0.33	Work completed	100%		
	17-18	Replacement of 100mm AC pipes and laying 110mm PVC at Mankeezh line at Sreevaraham under Kuriathy section		0.31	Work completed	100%		
2	17-18	Replacement of old and damaged pipelines of Trivandrum water supply scheme & alteration of house connections -Phase II	22/02/2018	2.50	Work split in to 7 packages, Out of this, 6 packages executing by PH Division North & 1 package executing by PH Division South			
	17-18	Replacing old AC main and Laying of 110 mm PVC 6kg/cm <sup>2</sup> pipe at Vellavani Junction, Studio Road to		0.19	Work completed	100%		
		TOTAL		5.30				3.855
SEWERAGE DIVISION, TRIVANDRUM								
SEWERAGE SECTOR								
1	15-16	AMRUT - SAAP 2015-16 - Sewerage work in Trivandrum Corporation	26/03/2016	3.72	Work split in to two packages and these two main packages have been completed and commissioned. Payment also done. Remaining rectification works in BSF compound, which was not the part of original scope also completed.			
	15-16	Laying 900mm dia DI pumping main at Muttathara Sewage Treatment Plant.		3.34	Work Completed	100%		
	15-16	Rehabilitation of existing pump and machineries- Kannammoola pump		0.38	Work Completed	100%		
2	15-16	Laying 700mm dia RCC NP3 Pipe sewer trunk main II from Murinjapalam – Kannamoola.	23/02/2017 (15/10/2020 Revised A.S)	1.64	Work is in Progress. 380 m RCC Np3 Pipe laid. 16 Manhole construction have been completed & 1 MH under construction..	65%		

3	16-17	Rehabilitation of existing networks in various blocks of Thiruvananthapuram sewerage scheme	2-11-2017	3.84	Split in to 23 works and all are completed			
	16-17	AMRUT - TSS Rehabilitation - Increasing the capacity of sewer 150mm dia SW pipe to 200mm dia SW pipe and construction of RCC manholes at Manacadu Harshan Nagar and Seethapuram lane.		0.14	Work completed. (3 works clubbed, SI No:4, 5, 6)	100%		
	16-17	AMRUT - TSS Rehabilitation - Urgent Re-Laying 200mm SW pipe and construction of manhole near Parthas at Power House Road .		0.06	Work completed. (3 works clubbed, SI No:4, 5, 6)	100%		
	16-17	AMRUT - TSS Rehabilitation - Relaying choked and broken sewer line including construction of man holes from SNRA 88B to SNRA 101 at		0.06	Work completed. (3 works clubbed, SI No:4, 5, 6)	100%		
	16-17	AMRUT - TSS Rehabilitation - Providing 200mm sewer line from VRA B - 26 to VRA A -22 and connectig to the existing MH near Khadi Board,		0.05	Work completed. (3 works clubbed, SI No:7,8)	100%		
	16-17	AMRUT - TSS Rehabilitation - Relaying damaged 300mm sw pipe from Parachal Jn in Malloor road to Devi pharma Junction and construction of dilapidated man holes at Thumbara lane in Vanchiwoor ward		0.05	Work completed. (3 works clubbed, SI No:7,8)	100%		
	16-17	AMRUT- TSS Rehabilitation - Reconstruction of dilapidated man holes at Ambujavilasom, malloor road, Chettikulangara, Athani, Amba nagar, Mullassery, Chirakkulam, Thengapura, Mulluvilakom, Pettah, Rishimangalam, Palkulangara, Chempakassery, Kaithamukku, Pattoor etc under Sewerage Section I, Kuriyathy		0.31	Work Completed	100%		
	16-17	AMRUT - TSS Rehabilitation -D Block - Supplying and laying 200 mm dia SW sewer branch line from The Existing MH towards Chalakuzhy - Kappil		0.18	Work completed.	100%		
	16-17	TSS - AMRUT -Rehabilitation -- Laying 150mm SW pipe at Aiswarya lane, Poomima lane, Bharath lane, Mythri lane & Kavuvila lane at Sasthamangalam ward under sewerage section Sasthamangalam		0.32	Work completed.	100%		
	16-17	AMRUT -TSS Rehabilitation - Increasing the size of existing sewer main using 400mm dia RCC NP3 pipe from Edappazhinji towards CSM Nagar I Reach Ch.0 M to 379m		0.83	Work completed. (3 works clubbed, SI No:12,13,14)	100%		

16-17	AMRUT-TSS Rehabilitation - Increasing in size of existing sewer main using 400mm dia RCC NP3 pipe from Edappazhinji towards CSM Nagar II Reach Ch.379M to 817m	0.72	Work completed. (3 works clubbed, SI No:12,13,14)	100%
16-17	AMRUT-TSS Rehabilitation - Increasing in size of existing sewer main using 300mm dia SWpipe from Edappazhinji towards CSM Nagar III Reach Ch.817M to 1191m	0.38	Work completed. (3 works clubbed, SI No:12,13,14)	100%
16-17	AMRUT-TSS Rehabilitation - Dismantling of damaged brick manhole and re-constructing with RCC manhole at Jawahar Nagar area under Sewerage Section Sasthamangalam	0.07	Work completed.	100%
16-17	AMRUT-TSS Rehabilitation - Dismantling of damaged brick manhole and re-constructing with RCC manhole at Kanaka Nagar area under Sewerage Section Sasthamangalam	0.07	Work completed.	100%
16-17	AMRUT-TSS Rehabilitation - Dismantling of damaged brick manhole and re-constructing with RCC manhole at Lenin Nagar	0.07	Work completed. (3 works clubbed, SI No:17,18,19)	100%
16-17	AMRUT-TSS Rehabilitation - Dismantling existing damaged 100mm dia Sw sewer line and laying 200mm dia SW pipe and construction of manholes at Madathuvila Lane Edappazhinji	0.02	Work completed. (3 works clubbed, SI No:17,18,19)	100%
16-17	TSS - AMRUT - Rehabilitation -- Dismantling of damaged brick manhole and re-constructing with RCC manhole at Attara lane, Kannammoola under Sewerage Section	0.04	Work completed. (3 works clubbed, SI No:17,18,19)	100%
16-17	AMRUT-TSS Rehabilitation - Dismantling of damaged brick manhole and re-constructing with RCC manhole at Nanthancodu Nalanda area under Sewerage Section	0.07	Work completed.	100%
16-17	AMRUT-TSS Rehabilitation -- Dismantling of damaged brick manhole and re-constructing with RCC manhole at Peroorkada - Ambalamukku area under Sewerage Section Sasthamangalam	0.06	Work completed.	100%
16-17	AMRUT-TSS Rehabilitation - Dismantling of damaged brick manhole and re-constructing with RCC manhole at Poojappura Thirumala	0.06	Work completed.	100%
16-17	AMRUT - TSS Rehabilitation- Urgent rehabilitation works on the sewerage system at Cherukode lane, Kunchalummoodu	0.08	Work completed ( 4 works clubbed, SI No:23 to 26)	100%
16-17	AMRUT- TSS Rehabilitation- Urgent rehabilitation works on the sewerage system at Kadakamthalackal lane, Mclaranoor	0.03	Work completed ( 4 works clubbed, SI No:23 to 26)	100%
16-17	AMRUT - TSS Rehabilitation - Urgent rebalitation of dilapidated manholes at Karamana Mangad lane (KMRA)	0.04	Work completed ( 4 works clubbed, SI No:23 to 26)	100%

	16-17	AMRUT - TSS- Rehabilitation- Urgent reconstruction of dilapidated old brick manholes at Nandavanam Gardens, Valiyasala		0.02	Work completed ( 4 works clubbed, SI No:23 to 26)	100%		
4	16-17	Providing new network in the missing areas of the core city in Thiruvananthapuram	2-11-2017	7.98	Split in to 14 works out of this 10 nos completed.			
	16-17	Tss- E Block Zone II - Laying 700mm dia sewer main from Jagathy towards common manhole at Vivekananda Nagar Ist Reach ch 0m to 259m		0.90	Jagathy ward Councillor has informed that the drain work and Interlock work are to be done by the Corporation, Only after completing the above said work then only balance work of Drainage will be started. Hence the work has been temporarily halted.	89%		
	16-17	Tss- E Block Zone II - Laying 700mm dia sewer main from Jagathy towards common manhole at Vivekananda Nagar IInd Reach ch 259m to 512m		1.00	(2 works clubbed, SI No:27 & 28)	89%		
	16-17	TSS- D Block zone II - Laying 600mm dia RCC NP3 pipe sewer main from Edappazhinji to Chithranagar via vettamukku - 1.		0.62	Work completed (2 works clubbed, SI No:29 & 30)	100%		
	16-17	TSS- D Block zone II - Laying 600mm dia RCC NP3 pipe sewer main from Edappazhinji to Chithranagar via vettamukku - 2.		0.54	Work completed (2 works clubbed, SI No:29 & 30)	100%		
	16-17	TSS E Block Zone II Laying 300mm dia SW Pipe sewer main from Jagathy Vettamukku sewer main MH 60 towards Koottamvila Ex.MH (N-NI)		0.19	Work completed	100%		
	16-17	TSS- E Block Zone III - Supplying and laying 200 mm dia SW pipe branch sewer line from the existing Konathukulangara lane towards Padayani road ( PRA - lane10) at		0.14	Work completed (3 works clubbed, SI No:32, 33, 34)	100%		
	16-17	TSS- E Block Zone III - Supplying and laying 150 mm dia SW branch sewer line from the existing MH towards Melekuzhivila at Maruthankuzhy		0.03	Work completed (3 works clubbed, SI No:32, 33, 34)	100%		
	16-17	TSS- E Block Zone III - Supplying and laying 200 mm dia SW pipe branch sewer line from the existing Konathukulangara line towards Padayani road association lane No. 05 ( PRA 16-20) at Maruthankuzhy		0.10	Work completed (3 works clubbed, SI No:32, 33, 34)	100%		
	16-17	Supplying and laying 200 mm dia SW sewer line from The Existing MH towards Binoy lane at Kizhakke Pattom Residence Association		0.08	Work completed	100%		
	16-17	TSS-Supplying and laying 200 mm dia SW pipe sewer line from Padayani Road Ex: MH towards Padayani Gardens Lane No. 8A ( PRA GI to GI7)		0.12	Work completed (2 works clubbed, SI No:36 & 37)	100%		
	16-17	TSS- E Block Zone III - Supplying and laying 200 mm dia SW pipe branch sewer line from the existing Konathukulangara sewer main towards Dwani Lane ( PRA Lane No.07) at Maruthankuzhy		0.15	Work completed (2 works clubbed, SI No:36 & 37)	100%		

	16-17	TSS - E Block Zone II - Laying 300mm dia SW Sewer main interconnection between Kootanvila and Chittatinkara Sewer main.		0.10	Work completed.	100%	
	16-17	TSS-Urgent laying of 300mm dia HDPE pipe and construction of new manholes at Chengalloor and Vattavila of Punnakkamugal ward.		1.03	Work in progress. 650 m pipe line out of 1035 m laid . Work going on. Low water table affects the MH construction work and intermittent rain affects the work. .	79%	
	16-17	TSS - Laying 250 mm dia DI K9 pumping main from Mudavanmugal Pump House to Jagathy Junction and construction of Stilling Chamber at Jagathy Junction		3.00	Agreement executed . Pipe supplied. Delay occured in receiving PWD sanction. Contractor has not started the work. Final notice issued to Contractor by SE, PH Circle, Tvm. Estimate recasted and retendering done on 6.05.2021 so as to arrange the work at the risk and cost of the Contractor. Due date of tender was on 26.05.2021. 2 offers received. Lowest is @ 20% above estimate rate. First Tender cancelled as per the direction of SE as the contractor was absconding. Work tendered under the risk and cost of Contractor. Offer		
5	17-18	Providing new networks (Sewerage facility in the Kalladimugham Housing Colony)	1/1/2018 16/9/2020 (Revised A.S)	13.15	Grit chamber Fifth lift concrete work completed	67%	<u>Due to public agitation taking trial pit for laying of pumping main in front of PoonthuraPuthen pally was stopped.</u>
6	17-18	Providing new network in the missing areas of core city	1-1-2018	9.95	Work split into 46 packages, 43 completed		
	17-18	AMRUT SAAP -2017-18 - TSS- Laying 200 mm SW sewer line in Kuravankonam , Vikramapuram Hills house no.VH-130 to 135- under Sewerage Section,Sasthamangalam		0.07	Work Completed	100%	
	17-18	AMRUT SAAP -2017-18 - TSS- Laying 200 mm SW sewer line from Jawahar nagar O street towards Bhagavathy nagar A street- under Sewerage Section,Sasthamangalam		0.12	Work Completed	100%	
	17-18	AMRUT SAAP -2017-18 - TSS- Laying 200 mm SW sewer line in Kowdiar ward , Kadappathala line from MGRA-46 to 53- under Sewerage Section,Sasthamangalam		0.10	Work Completed	100%	
	17-18	AMRUT SAAP -2017-18 - TSS- Laying 200 mm SW sewer line in Kowdiar ward , Kadappathala line from MGRA-82 to 92- under Sewerage Section,Sasthamangalam		0.09	Work Completed	100%	
	17-18	AMRUT SAAP -2017-18 - TSS- Laying 200 mm SW sewer line in Kowdiar ward , Bhagavathi line B-7- under Sewerage Section,Sasthamangalam		0.16	Work Completed	100%	

17-18	AMRUT SAAP -2017-18 -TSS- Dismantling existing 100 mm dia SW pipe and relaying 200 mm SW sewer line and construction of RCC Man holes at T N line , Vazhuthakadu under Sewerage Section,Sasthamangalam		0.15	Work Completed	100%	
17-18	AMRUT SAAP -2017-18 -TSS- Laying 200 mm SW sewer line in Nethaji Bose road , Marappalam near Keni bridge from NBRA H 1 to NBRA H - 10 under Sewerage Section,Sasthamangalam		0.08	Work Completed	100%	
17-18	AMRUT SAAP-2017-18- TSS- Supplying & Laying sewer line at Street - 3 of Devaswom Board Residents Association Area		0.10	Work Completed	100%	
17-18	AMRUT SAAP -2017-18 -TSS- Laying 200 mm SW sewer line in Kowdiar ward , Kadappathala line from MGRA-56 to 72- under Sewerage Section,Sasthamangalam		0.15	Work Completed	100%	
17-18	AMRUT SAAP -2017-18 -TSS- Laying 200 mm SW sewer line in Kowdiar ward , Bhagavathi line C-15 and C-16- under Sewerage Section,Sasthamangalam		0.19	Work Completed	100%	
17-18	AMRUT SAAP -2017-18 -TSS- Raising of manholes under tarred surface and replacing of RCC cover slabs with C I M H cover with frame in Right R C area -under Sewerage Section, Sasthamangalam		0.13	Work completed.	100%	
17-18	AMRUT SAAP -2017-18 -TSS- Raising of manholes under tarred surface and replacing of RCC cover slabs with C I M H cover with frame in Central R C area - under Sewerage Section,Sasthamangalam		0.13	Work completed.	100%	
17-18	AMRUT SAAP -2017-18 -TSS- Raising of manholes under tarred surface and replacing of RCC cover slabs with C I M H cover with frame in Left R C area - under Sewerage Section,Sasthamangalam		0.11	Work completed.	100%	
17-18	AMRUT SAAP -2017-18 -TSS- Raising of manholes under tarred surface and replacing of RCC cover slabs with C I M H cover with frame in West R C area - under Sewerage Section,Sasthamangalam		0.10	Work completed.	100%	
17-18	AMRUT SAAP 2017-18 - Rehabilitation- Dismantling of damaged brick manhole and re constructing with RCC manhole in Right R C area under Sewerage section , Sasthamangalam		0.10	Work completed.	100%	
17-18	AMRUT SAAP 2017-18 - Rehabilitation- Dismantling of damaged brick manhole and re constructing with RCC manhole in Central R C area under Sewerage section, Sasthamangalam		0.11	Work completed.	100%	
17-18	AMRUT SAAP 2017-18 - Rehabilitation- Dismantling of damaged brick manhole and re constructing with RCC manhole in Left R C area under Sewerage section , Sasthamangalam		0.10	Work completed.	100%	
17-18	AMRUT SAAP 2017-18 - Rehabilitation- Dismantling of damaged brick manhole and re constructing with RCC manhole in West R C area under Sewerage section , Sasthamangalam		0.09	Work completed.	100%	

17-18	TSS - Reconstruction of dilapidated manholes in Palkulangara, Pettah, Perunthanni area under Sewerage Sn 1		0.21	Work completed.	100%	
17-18	TSS - Reconstruction of dilapidated manholes in Manacaud, Sreevaraham, Kalippankulam, Enchakkal area under Sewerage Sn 1		0.21	(3 works clubbed, SI No:61 to 63) Completed	100%	
17-18	TSS - Reconstruction of dilapidated manholes in Chalai, Fort, Chenthitta, Attukal, Pazhavangadi, Powerhouse area under Sewerage Sn 1		0.21		100%	
17-18	TSS - Reconstruction of dilapidated manholes in Vanchiyoor, Pulimoodu, chirakulam, Uppidamoodu, Pallimukku area under Sewerage Sn 1		0.21		100%	
17-18	TSS - Raising of Manhole covers in various wards under Sewerage Sn. 1		0.20	Work completed.	100%	
17-18	TSS - Providing Sewerage facility to Eastern side of Amayizhanjan thodu between Vanchiyoor Jn and Samad Hospital road jn		0.21	Agreement executed on 13/11/2020 256 M 200 mm PVC pipe & 42M 250 mm PVC pipe laid (Out of total 298 M), pipe laying completed. MH construction (17/18) completed, one MH excluded due to feasibility issues. Connection to main lines pending. Restoration concrete completed (140M) in Samad hospital side. The restoration concrete work in progress in Vanchiyoor side. . SI no: 66 - 475 m/475 m completed. Line work and MH construction completed, SI No: 67 - Work completed	100%	Tar cut sanction pending from KRFB. Joint inspection for taking estimate for tar cutting with KRFB officials done. But the demand notice not obtained till date. It is informed by KRFB that the request of KWA for doing the sub work has been forwarded to the District Collector for approval. On receipt of approval from the District Collector, permission will be granted to the KWA for laying sewer line from Amayizhanjan thodu - Samad Hosital at Vanchiyoor. The Mission Director -SMMU- AMRUT has also addressed
17-18	TSS-Rehabilitation of sewer line including cleaning, replacing damaged lines etc at Kozhiyottu, Vilayil lane, Kalthamukku, Thengappura area		0.40		100%	
17-18	TSS- Rehabilitation of damaged sewer network in Amma Residents area, Palkulangara		0.09		100%	
17-18	TSS- Rehabilitation of sewer line from Pettah to Railway hospital road		0.50	Work completed.	100%	
17-18	TSS-Rehabilitation and upgradation of existing sewer network at Thakaraparambu, Sreekantewaram Manacaud Aiswarya Nagar Area		0.40	Work completed. (2 works clubbed, SI No: 69 & 70)	100%	
17-18	TSS-Rehabilitation and upgradation of existing sewer network at Enchakkal area		0.40	SI No: 69 - 551/551 M pipe laying & 24/24 MH construction completed. SI no: 70 - 600/600 M pipe laying completed,2 out of 2 MH construction completed	100%	
17-18	TSS - Reconstruction of dilapidated manholes in Arannoor, Thycaud area under Sewerage Sn 2		0.20	Work completed	100%	
17-18	TSS - Reconstruction of dilapidated manholes in Karamana Thaliyal area under Sewerage Sn 2		0.20	Work completed	100%	
17-18	TSS - Reconstruction of dilapidated manholes in Poojapura, Mudavannugal area under Sewerage Sn 2		0.20	Work completed	100%	
17-18	AMRUT SAAP -2017-18- TSS Rehabilitation and up gradation of Existing sewer net work at Karamana Sathya Nagar Branch lanes of Sreedevi Nagar under Sewerage Section No.2, Kuriathy		0.25	Work completed.	100%	
17-18	TSS-Rehabilitation and upgradation of existing sewer network at Punnen road near secretariat and Mele Thampanoor area		0.14	Work completed	100%	

	17-18	TSS - Raising of Manhole covers in various wards under Sewerage Sn. 2		0.20	Work completed.	100%		
	17-18	TSS-Rehabilitation and upgradation of existing sewer network at Jagathy kavuvila, Karyakar lane, Valiyasala kavil temple, Arysala Vivekananda street, Vilayil lane, Erakkam road		0.35	Work completed.	100%		
	17-18	TSS-Rehabilitation and upgradation of existing sewer network and interconnections at Valiyasala myladikadavu, Jagathy near sunny pharma, CIT road		0.19	Work completed.	100%		
	17-18	TSS- Rehabilitation of sewer line at Melemankattukonam in Nedumcad ward		0.24	Work completed	100%		
	17-18	TSS-Rehabilitation and upgradation of existing sewer network at Kala vihar, Kunnukuzhy		0.50	Work completed.	100%		
	17-18	TSS-Rehabilitation and upgradation of existing sewer network at Pattom Vrindavan gardens		0.07	Work completed.	100%		
	17-18	TSS-Rehabilitation and upgradation of existing sewer network at Thittakudi temple lane, Vadakkekottah, Puthunagar area		0.56	Work completed.	100%		
	17-18	TSS-Rehabilitation and upgradation of existing sewer network at Kunninpuram, Vivekananda nagar, Kailas nagar, NM nagar area		0.56	Work completed	100%		
	17-18	AMRUT SAAP 17-18 - TSS- Rehabilitation and up gradation of Existing sewer net work at TRWA area, Podiyadi lane, BRWA area Anil Nagar, Ayilliathu Finance road In Thaliad area under sewerage Section No:2 Kuriathy.		0.40	Work completed	100%		
	17-18	TSS- Rehabilitation of sewer line at Thoppil lane, Valiyasala, Sasthri nagar West, cherukodu, Thelunguchettiheruvu area		0.16	Work completed	100%		
	17-18	TSS-Rehabilitation and upgradation of existing sewer network at Manjalikulam branch road, Ootukuzhy, Vanrose in branch road		0.34	Work completed	100%		
	17-18	TSS-Rehabilitation and upgradation of existing sewer network at Thycaadu MG Radhakrishnan Jn towards Poundkulam		0.27	Work completed	100%		
7	17-18	Providing sewerage facility to newly constructed residential colony at Karimadom- Part II	22/2/2018	0.353	Work completed	100%		
		TOTAL		40.63				22.647
<b>KOLLAM</b>								
<b>WATER SUPPLY SECTOR</b>								



PH DIVISION, KOLLAM							
1	15-16	AMRUT - SAAP 2015-16 - Water supply works in Kollam Corporation	26/3/2016	6.59	Work split into 8 packages		
	15-16	Replacement of contaminated AC pipe lines in Kollam Corporation - Laying distribution main from Pazhayattukuzhy OHSR to Ammannada Division in Kollam Corporation(250mm DI K9 pipe -2500m).		1.430	Work Completed	100%	
	15-16	Extension of 250mm DI K9 pipe line from Madan Nada Junction to Polayathodu Junction in Kollam Corporation 250mm DI K9 pipe-1000m).		0.73	Work Completed	100%	
	15-16	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	Work completed.	100%	
	15-16	Improvement of Kollam WSS Division No. 7 to 11 in Kollam Corporation (Laying 110mm PVC 2500m, 90mm PVC 4500m).		0.65	Work completed.	100%	
	15-16	Improvement of Kollam WSS Division No. 7 to 11 in Kollam Corporation - Replacement of damaged pumpset.		0.10	Work completed.	100%	
	15-16	Replacement of 50HP/75HP VT pumpsets at booster pumphouse at Ananathavalleeswaram.		0.58	Work completed.	100%	
	15-16	Supply,erection and commissioning of Chlorinator system to Tubewell pumphouses in Kollam corporation.		0.18	Work completed.	100%	
	15-16	Supply,erection and commissioning of Chlorinator system to booster pumphouse at Ananathavalleeswaram with supply of 100Kg Chlorine cylinder.		0.14	Work completed.	100%	
2	16-17	Providing new water connection in Kollam Corporation 2016-17.	15/08/2017 (Revised A.S on 24/02/2021)	9.280	10000 water connections given.	100%	
3	17-18	Providing new water connection in Kollam Corporation 2017-18.	13/11/2017	7.90	Out of 5820 connections4845 connections are given.	83%	
		TOTAL		23.77			17.208

PROJECT DIVISION KOLLAM							
WATER SUPPLY SECTOR							
1	15-16-17-18	Augumentation of water supply scheme Kollam 2015-16, 2016-17, 2017-18 ( Revised AS vide G.O(Rt) No: 31/2020/LSGD Dated 03/01/2020)	28/9/2017 & Revised AS on 03/01/2020	92.08	Work split into 6 packages		
	15-16-17-18	Construction of weir at Njankadavu across Kallada river		25.86	<p>Construction of weir executed through Irrigation Dept. Pile load test &amp; Excavation for retaining wall was started. Owing to increase in height of ring bund, contractor was not willing to continue the work.</p> <p>Vide Proceedings no: KWA/PHC/Q/DB5-2796/2016-Vol. 11 (AMRUT-Weir) dated 15.04.2021 of the Superintending Engineer, PH Circle, KWA, Kollam, cancelled the contract of the subject work with the firm M/s Paulose George Construction Company Pvt. Ltd.</p> <p>The revised estimate received from Irrign Dept will exceeds the A.S amount. Placed in the 28th SHPSC meeting for revised A.S.Estimate submitted for re-calculation with new DSR 2018</p>	5%	
	15-16-17-18	Supplying laying commissioning and maintaining 500mm DI K9 CWPM from TP to OHSR at Vadakkevila (3520m)		4.33	Work completed	100%	
	15-16-17-18	Design, Construction, Commissioning and maintaining of 100MLD WTP at Vasoorichira		57.12	.Concreting of side walls above +4.70lvl at grid 1-3/A-C. Shuttering work and reinforcement work for terrace slab in chemical house at +13.30m level.Shuttering work for trough in filter house at grid 1-3. Soil filling in CFL1.Dewatering in filter house, CFL01,CFL2,CFL3 & Admin block..	46%	
	15-16-17-18	Clear Water Pumping main from WTP to 20LL OHSR at TP using 350mm DI,125 m		0.10	Work order issued.But the bidder informed that he is not willing to execute the work at LMR. Hence, cancelled. Work retendered on 29/01/2021. No offer. The tender cancelled and will be arranged after the construction of WTP. For cancelling this work, Agenda was placed in 28th SHPSC.		F
	15-16-17-18	Transformer powerline extension at TP site (KSEB work)		2.75	This work executed through KSEB. Out of 4.5 km's of power line extension at Njankadavu 4.5 km's of work was completed by laying under ground cables. Now 100 % of ABC (Areal Bunched Cable) work completed by KSEB.	100%	

	15-16-17-18	Construction of 12m dia intake well at Njankadavu	1.93		Work completed	100%		
		TOTAL - WATER SUPPLY	92.08					22.081
<b>SEWERAGE SECTOR</b>								
1	15-16-17	Sewage Treatment plant - Kureepuzha	22/2/2018 & Revised AS on 17/06/2020	31.92	Work for compound wall works, pile cap pcc works, plastering works, bailing out extra water. in Progress	10%		
2		AMRUT - Kollam Corporation - Sewerage Sector - ULB work - Cancellation of Septage Projects - A.S for "Balance Sewer Net Work" for Rs. 93.612 Cr	9.7.2021	93.61	Revised as to be issued			
		TOTAL - SEWERAGE		125.53				0.041

<b>WATER SUPPLY SECTOR</b>								
<b>PROJECT DIVISION ALAPPUZHA</b>								
1	15-16	Augmentation & Modernization of Water Supply Distribution System in Alappuzha Municipality (Phase-I)	23/2/2017	33.9	Work split in to 8 packages			
	15-16	Construction of 21 LL Capacity OHSR at Kommadi (Zone-I)		9.31	Completed	100%		
	15-16	Construction of 12,00LL Capacity OHSR at Thathampally (Zone-IV)		6.53	Completed	100%		
	15-16	Construction of 10 LL Capacity OHSR at Pazhavangadi (Zone-VI)		5.75	Completed	100%		
	15-16	Construction of 28 LL Capacity OHSR at Aalissery (Zone-VII)		11.36	Cover slab concreting completed. stair case concrete completed. brick work progressing, plastering started, soil filling started. Plastering of OHSR is in progress.	86%		
	15-16	Digital Survey & Design of Network		0.50	Completed	100%		

	15-16	Providing Bulk Meters		0.12	<i>The work was tendered 3 times. Since there is no participation in the retender on 12.02.2021, estimate is recasted . The cost of flow meter available in the market is hiked 74 % as per the circular 2012 . Retendered. Closing date 2-8-21 and opening 4-8-21. No offer recieved even after many attempts of tender.</i>			
	15-16	Setting up 24 x 7 Customer Care Facility		0.20	<i>The work was tendered 4 times. Since no offer, invited quotation and still nil offer. As the same is not required now, decided to cancel the owrk.Work dropped</i>			
	15-16	Setting up Water Kiosks		0.12	Completed	100%		
2	16-17	Water Supply Sector- Augmentation & Modernization of Water Supply Distribution System in Alappuzha Municipality (Phase-II)	2/11/2017 Revised A.S on 26/03/2021	59.105	Work divided in to 2 packages			
	16-17	Pipe laying			<i>124km out of 126 Laid completely. Charging of lines progressing. Charging of lines temporarily stopped due to non availability of enough water in the distribution system. This is due to low rate of pumping of Raw water for the scheme to 62 mld WTP Karumadi due to frequest leaks at Thakazhy-Kelamangalam reach of RWPM along Ambalapuzha Thiruvalla road. Action plan for charging has been submitted to SE for getting water from regular distribution.Arrangements for charging of Zone 4 is progressing.</i>	98%		
	16-17	Setting up water kiosk			<i>Work completed . Kiosks at 1.Town hall 2.Vadackal 3.Thumpoli 4.Mangalam 5.Kaalath 6. Polabagam-Mannam 7. Poomthoppu 8. Pazhaveedu 9.Thiruvampady 10. Eravukad . .Construction Work Completed. Power connection connection works is in progress.</i>	99%		
3	17-18	Augmentation and modernization of water supply distribution system in Alappuzha Municipality (Phase-3)	2/11/2017 Revised A.S on 26/03/2021	67.215	Work divided in to 2 packages			
	17-18	Pipe laying			<i>Out of 191.5 km,153.5 km laying and 8002 house connections completed. Awaiting for permission to lay pipes in PWD roads; road restoration charges remitted on 13-11-2020 and14-01-2021. A coordination meeting was conducted in the presence of the District Collector Alappuzha on 16/4/2021 and Alappuzha municipality and Ambalapuzha MLA office on 22-6-2021.Joined inspection of kaithavana pallathuruthy road conducted on 6/7/2021 with CE kstp. For further advancement need work front in PWD roads for completing the work. Balance hydrotest work is in progress. Row applied to road authority on 5/7/2021 and reply given to ROW on 23/7/2021 is estimate had already given to water authority Pipe laying at Mullackal Pitchu Iyer road is on going.</i>	83%	<i>PWD sanction pending for 6 roads.</i>	

	17-18	Setting up water kiosk			Out of 10 Kiosks 9 Nos.(1. Chudukad, 2. Valiyakulam, 3.ESI-Beach, 4.Kothuval Chavady, 5.Vadikad 6.Sadhabdhimandiram. 7. Vadacanal 8. Pallathuruthy 9.Aryad) completed. 1No proposed at Vazhichery dropped due to site constraint. 7 Nos get electrical & 4 nos. get water connection. Electrical connection and water connection works for remaining kiosk is in progress.	98%			
		TOTAL		160.22				115.921	
<b>KOCHI</b>									
<b>PH DIVISION, KOCHI</b>									
<b>WATER SUPPLY SECTOR</b>									
1	15-16	Replacement of existing 525mm distribution cum pumping main with 600mm rider pumping main from Karuvelippady to Koovappadam in Kochi Corporation.	23/2/2017	3.65	Work divided in to 3 packages				
	15-16	Replacement of existing 525mm distribution cum pumping main with 600mm rider pumping main from Karuvelippady to Koovappadam in Kochi Corporation.			Work completed on 02/06/2021.Bill under preparation.	100%			
	15-16	Upgradation of Electrical Installation inside pump house at Karuvelippady - Supply, erection, testing, commissioning and maintaining of 30 HP Centrifugal pump set and accessories			Agreement executed on 31.03.2021. "Pump and motor supplied on 27/10/2021.	20%			
	15-16	Upgradation of Electrical Installation inside pump house at Karuvelippady - Supply, erection, testing, commissioning and maintaining of 90 HP Centrifugal Pump set and accessories			Agreement executed on 31.03.2021. Pump and Motor supplied .	20%			
2	17-18	Replacement of 5000 damaged Service water connections	11-02-2017	5.00	Work split in to 7 packages, Out of this, 4 packages are being executed by PH Division Kochi & 3 packages are being executed by JnNURM Division Kochi				
	17-18	Karuvelippady Sub division (Domestic-950, Non Domestic-100)			Work completed	100%			
	17-18	Kaloor Sub Division (Domestic-300, Non Domestic-90)			100% work completed, Total 390 meter replaced.	100%			

	17-18	Vyttila Sub Division (Domestic-600, Non Domestic-160)			Work completed	100%		
	17-18	Pallimukku - W.W. Sub Division, Kochi - 16 (Domestic-750, Non Domestic- 100)			Work completed	100%		
		TOTAL		5.65				3.316
<b>JnNURM DIVISION, KOCHI</b>								
<b>WATER SUPPLY SECTOR</b>								
1	15-16	Construction of 15L Ltrs. capacity GL tank at Karuvelippady in Kochi Corporation.	23/2/2017	3.20	Work completed on 31.5.2019	100%		
2	16-17	Replacement of old 250mm CI pipe by 300mm DI K9 pipe along Konthuruthi road of Kochi Corporation.	15/08/2017 & Revised AS on 1/1/2018	0.82	Work completed on 8.3.2019	100%		
3	16-17	Replacement of 100mm AC pipe by laying rider line of 160mm PVC CL 5 along both side at Pandit Karupam road of Kochi corporation.	15/08/2017 & Revised AS on 04/01/2020	1.75	Work completed on 30.5.2019	100%		
4	16-17	Replacement of 100mm CI pipe by laying 160mm and 110mm PVC pipes from Valanjambalam to Ravipuram in Kochi corporation 2016-17.	15/08/2017	0.66	Work completed on 31.5.2019	100%		
5	16-17	Laying of 450mm DI K9 pipe from north end of Aroor Edakochi bridge to KWA water tank site at Edakochi, Kochi corporation 2016-17.	15/08/2017 & Revised AS on 04/01/2020	1.67	Work completed on 25.3.2019	100%		

6	16-17	Laying pumping main of 500mm DI pipe from JnNURM WTP at Maradu to Pumphouse at Thammanam for additional pumping of water (upto 18 MLD) to Kochi city in Kochi Corporation 2016-17.	28/9/2017	16.50	<p>Pipe supply completed -5900 m. 2523 m laying completed Permission from NHAI, BPCL and Railway pending.</p> <p>As per the decision of the meeting convened by the Mission Director, SMMU-AMRUT with NHAI &amp; KWA officials on 28.04.2021, the Executive Engineer, JnNURM Division, Kochi arranged GPRS survey through the firm M/s. <u>Survey.com</u>. Survey has completed. Draft report of GPR survey was submitted . Corrections were communicated.</p> <p>100 metre of pipeline is to be laid through BPCL corridor. After conducting joint inspection with BPCL authorities and taking the trial pit at site, request with detailed sketch was submitted to the DGM (OM&amp;S), BPCL. informed that they cannot give permission to lay the KWA pipe line crossing BPCL pipeline corridor, due to safety and security reasons. A joint inspection with Railway and BPCL was made.Exposing the old 500mm AC line at BPCL corridor in progress. DGM,BPCL inspected the site.Proposal sent to NHAI for reconsidering pipe laying by open trench method</p>	36%	<p>Joint inspection with NHAI and other utilities conducted on 22/1/21. Even after continuous follow ups being done from KWA since 2019, permission from NHAI is getting delayed indefinitely. Recently the issue was brought to the notice of Secretary, WRD vide letter dated 23.01.2021. Regular follow ups are carrying out from JNNURM division, Kochi. Now NHAI insisted to construct RCC duct on service road for laying pipe line which will be very costly</p> <p>Railway permission is pending for 100 meter pipe laying at Ponnurummi along the railway track. Awaiting Permission from DRM, Southern Railway, Trivandrum. Vide letter no: KWA/JB/P3/36/2017 dated 12.03.2021 and 30.03.2021 of MD, KWA, addressed the matter to DRM, Southern Railways,Divisional Office, Works Branch, Trivandrum. It is informed from Railway division office ,Tvm that the report sent from Railway office,Elm is sent back due to lack of inspection report with signal and other sections of Railway.</p>
7	16-17	Laying rider main form Kathrikadavu to Elamkulam, Chettichira, Ponnurummi areas and distribution lines in Chakkaraparambu, Chalikkavattom areas 2016-17	1/1/2018 & Revised AS on 04/01/2020	3.65	Completed	100%	
8	16-17	Construction of 17LL OHSR and 2.5 LL CWR at Pachalam.	27/9/2017	7.75	Pump house roof slab and 36nos column upto brace beam are completed .S,Inside plastering of sump and shuttering work of second stage beam in progress.second level brace beams shuttering and reinforcement work nearing completion.3rd level column concrete in progress.	58%	
9	16-17	Construction of 15LL OHSR and 2LL CWR at Vadathode, Cheranalloor.	27/9/2017	7.75	Sump completed. Scour pit construction,yard levelling,painting of OHSR etc going on.	96%	
10	16-17	Construction of 10LLtrs capacity OHSR at Thevara.	27/9/2017	5.60	Work completed on 24/9/2019	100%	

11	16-17	Water supply sector - Kochi Corporation - Laying 500mm DI line from pumphouse at Thammanam to OHSR at Kadavanthara.	2/11/2017 & Revised AS on 04/01/2020	7.76	Pipe laying completed except in railway crossing portion. Trial run can be done after the railway crossing work at Ponnurrunni is completed. BPCL. informed that they cannot give permission to lay the KWA pipe line crossing BPCL pipeline corridor, due to safety and security reasons. A joint inspection with railway and BPCL conducted. Contacted SSE, Railway for finalising the details of alignment for railway crossing Proposal to BPCL under process	99%	Soil investigation report from IIT Palakad submitted and awaiting permission from DRM, Southern Railway, Trivandrum. The estimate for HDD work for railway crossing can be finalised only after getting design from railway. Railway informed that the design for push through work will be sent to Chennai office after scrutiny at TVM office. Continuous follow up is being carried out by JnNURM Division, Kochi. Vide letter no: KWA/JB/P3/36/2017 dated 12.03.2021 and 30.03.2021 of MD, KWA, addressed the matter to DRM, Southern Railways, Divisional Office,
12	16-17	Laying of 500mm transmission line from Karthikadavu to proposed Pachalam CWR	11-02-2017	10.70	Work completed on 31/7/21.	100%	
13	17-18	Construction of 13 LL Capacity OHSR at Edakochi	11-02-2017	6.00	asting of column in progress.stage 1 Column concrete work,(3 columns ) in progress.	38%	
14	17-18	Construction of 25 LL OHSR at Karuvelippady	11-02-2017	11.65	Reinforcement work of stage 2 columns in progresss	57%	
15	17-18	Construction of 40 LL OHSR at Kaloor	11-02-2017	15.00	Shuttering work of roof slab of OHSR and plastering of pump house in progress.	80%	



16	17-18	Laying 400 mm DI K9 pipeline from Perumanoor to Ravipuram for a length of 1270m	2/11/2017	4.40	Pipe supplied completely & work started. Due to presence of so many utilities existing in the heavily traffic road, work couldnot be continued. The work was stopped as per the directions issued by the worshipful Mayor in the meeting held on 06/05/2019. As directed on 9/10/2020 by the Additional Chief Secretary, the District Collector has convened a meeting on 22/10/2020 with Worshipful Mayor, Corporation Authorities,KWA officials in presence of the Hon'ble MLA Sri. P.T.Thomas . Considering the space constraints due to the presence of number of existing pipes and cables in Old thevara road and MG road and difficulty in crossing MG road , KWA has suggested to use the existing 450mm CI pipe for 870m from Perumanoor pump house in the same alignment of 400mm DI pipe and to lay balance 400mm DI pipe for 400m to the existing OHSR at Ravipuram.As directed by the Worshipful Mayor, the District collector has instructed to test the 450mm CI pipe and to Check the stability of OHSR at Ravipuram. Provision for stability checking of OHSR is in the agreement of the work. Hence, the contractor was directed to carry out the same through letters and over phone. The contractor expressed unwillingness to resume the work, 30 months after the expiry of the agreement period. Ravipuram tank site is fully water logged, hence filling work and provision of drains should be done, for which an additional amount of Rs.10 lakh is required. The project cost including 2.96 % tender excess quoted by the contractor and additional amount needed for doing filling work comes to Rs.231.7 lakhs which is within the already accorded AS amount of Rs.440 lakhs. Submitted Agenda in 28th SHPSC fo preclosing the work and arranging the balance work alternatively.SHPSC accorded sanction for preclosing the work .Estimate for rearranging the work submitted to SE for approval .SHPSC accorded sanction for preclosing the work .Estimate for rearranging the work submitted to SE for approval..Reverted from SE for clarifications.Under scrutiny at Division office.	26%	As the contractor is not willing to restart the work ,the corporation is requested to preclose the work for rearranging the same. Agenda Note submitted to SMMU for placing in next SHPSC & Corporation for pre closing the work as the contractor is not willing to restart the work	
17	17-18	Replacement of 5000 damaged Service water connections	11-02-2017	5.00	Work split in to 7 packages, Out of this, 4 packages executing by PH Division Kochi & 3 packages executing InNURM Division Kochi			
	17-18	<i>Shifting of existing water connections in Vennala-Janatha road, Arakkakadavu road and Subhash Chandra Bose road</i>			<i>Total connections shifted 315 nos</i>	100%		
	17-18	<i>Pandit Karuppan Road</i>			<i>185 house connection and 12 Interconnections completed. Work completed on 22/8/2019</i>	100%		
	17-18	<i>Valanjambalam- Ravipuram Road</i>			<i>191 house connection &amp; 3 interconnections completed .Work completed on 5/8/2019</i>	100%		
		TOTAL			107.86			59.773
<b>SEWERAGE SECTOR</b>								
1	15-16	Rehabilitation of 5MLD STP plant at Elamkulam	1/1/2018 & Revised AS on 25/01/2020	16.52	Work in progress.MBBR tank 4th lift wall shuttering work in progress and transformer building plinth beam work in progress. 2Column concreting of centrifuge building (8nos) 1st lift completed..Sludge sum, thickened sludge sump, sludge thickener wall 1st lift concreting completed. Columns of transformer building 4 nos concreting 1st lift completed..Centrifuge building GF roof slab shuttering works in progress.	50%		3.181
<b>PH DIVISION THRISSUR</b>								
<b>WATER SUPPLY SECTOR</b>								

1	15-16	Survey and Replacing of Faulty water meters and fixing new water meters at various service connections in Thrissur Corporation area.	26/3/2016	3.00	498/500 nos connections given and pipe laying completed. 484/750 nos faulty meters replaced. The core committee on 22.7.2021 has decided to provide the list of damaged meter in the old municipal area as soon as possible. But the list is not received till date. The work can be completed with a week after receiving the list.No list of faulty meter under corporation , the core committee decided on 17.9.2021 to put the matter to the next council for closing the project	91%		
2	15-16	Supply and installation of bulk flow water meters in transmission main and distribution system.	26/3/2016	1.00	Work completed on 27.06.2018	100%		
3	15-16	Supplying and laying 700mm DI K9 raw water gravity main from dam to aerator of 36 MLD WTP at Peechi.	26/3/2016	1.00	Work completed on 18.10.2018	100%		
4	15-16	Strengthening the existing distribution network in Thrissur Corporation area	23/2/2017	14.40	interconnection and connection shifting work at in progress.Pipe Laying	91%		
5	15-16	Renovation of existing damaged pump houses in Thrissur Corporation.	23/2/2017	0.55	Work completed	100%		
6	15-16	Design, construction and commissioning of 3 MLD WTP, reservoir and pumping main for Ollukkara zone	22/2/2018	6.00	A site of 20 cents has been suggested by the Corporation. The site was visited and PPD is analyzing the suitability of the site..DER under preperation.Pipe laying	2%		
7	16-17	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	11-02-2017	12.95	Work completed	100%		
8	17-18	Laying of distribution lines from existing OHT at Kizhakumpattukara to Nellikkunnu area for around 15 km with varying dia pipelines-(Dia 200 mm DI to 110 mm PVC	13/11/2017	6.00	Out of 115.77 km,102.42km laid. Laying work in progress.	88%		
9	17-18	Providing Dedicated Feeder from 33KV Pattikkad Sub station to Pumping Water Treatment Plant.	11-02-2017	3.00	.Dedicated feeder line completed. 1000KVA Indoor transformer supplied. Transformer room civil work completed. Transformer room plastering work completed, panel board erection is in progress..	81%		
10	17-18	Floating intake structure at Peechi Reservoir	01-01-2018	5.00	Pump set with accessories supplied,100% pipe supplied,800 mm Di -302m laid out of 318m,700mmDI 56m laid out of 108m, material of floating intake supplied, control panel board room completed, Floating intake structure assembly is in progress at Peechi Dam reservoir. Floating pontoon assembly completed. Pump and motor erection work started. Footing RCC work completed. SS Flexible pipe assembly is in progress..	65%		
		TOTAL		52.90				24.652
<b>PROJECT DIVISION NATTIKA</b>								

THRISSUR							
WATER SUPPLY SECTOR							
1	15-16	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.	23/2/2017 23/7/2020 (Revised A.S)	3.71	Work completed. Bill paid	100%	
2	15-16	Completion of ongoing schemes - UWSS to Ollur and Edakkunni census town villages in Thrissur Corporation - Construction of 20L Ltrs capacity OHSR at Ollur and supplying , laying distribution lines and construction of retaining wall at WTP Arattupuzha.	23/2/2017	11.40	.20LL OHSR Tank interconnection work completed.20LL OHSR ollur painting work continue.	98%	Permission from Railway is to be obtained. An amount of 40000/- remitted to Divisional Railway Manager, Southern Railway TVM on 18.01.2020 vide DD No.681009 as centage charge. (1) Application ID & Date - SR-TVC-2019-30 dated 10.06.2019. (2) Location - Pudukkad and
3	16-17, 17-18	Construction of new treatment plant of 20MLD WTP at Peechi	28/9/2017	17.30	WTP fully functional from 25/03/2021. road formation work to be completed after the on going pipe laying works of floating intake at peechi. Remaining road formation work has started.	98%	
4	16-17	Zoning and mapping of water supply system of Thrissur Corporation- Supply and Laying of various dia pipes-Part-1	01-01-2018	8.00	Work completed.	100%	
5	17-18	Zoning and mapping of water supply system of Thrissur Corporation- Supply and Laying of various dia pipes-Part-2	01-01-2018	17.00	Laying of Distribution network16.2Km out of 18.42Km completed .Laying of Distribution network 16200 meter completed.	87%	
6	17-18	Construction of 10LL OHSR at Anappara with pumping system and pumping main from Cherur to Anappara- Improvements of water supply system in Dn. 6, 7 and 8 of Thrissur Corporation- Part -1	11-02-2017	8.00	Work Completed	100%	
7	17-18	Supplying and laying distribution lines for Anappara Villadom area improvement of water Supply System in Dn.6,7 and 8 of Thrissur corporation- Part 2	11-02-2017	5.80	Work Completed	100%	

8	17-18	Construction of 5LL OHSR at Kuttanallur with gravity main and distribution network	11-02-2017	8.00	. Laying of CWGM (20LL OHSR at Ollur to Kuttanellur Sump) 250mm DI K-9 Pipe - 3791.2 meter completed. Laying of Distribution Network 5380.3meter completed. Construction of Valve chambers in progress. . Construction of OHSR cum sump not started..  Construction of OHSR cum sump to be started,- The site of OHSR cum sump was not handed over by Thrissur Corporation during the time of estimate preparation and so was not able to conduct the soil investigation. Hence, raft foundation was proposed for the 5 LL OHSR cum sump in the NIT. Later the contractor conducted the soil test and as per the results of the soil test, in the design approved by the Chief Engineer (WASCON) the foundation is combined raft with pile. Based on this design, CE (CR) approved the estimate for pile foundation for an amount of Rs. 16,50,000/-, as extra item of the work. The Contractor informed that, he will execute the work using pile foundation only if a revised estimate for the construction of pile foundation is sanctioned at the prevailing local market rate.	55%		
TOTAL				79.21				59.885
<b>GURUVAYUR</b>								
<b>WATER SUPPLY SECTOR</b>								
1	15-16	Improvements of coverage in Guruvayur Municipality - Laying distribution network for improvement of coverage in Guruvayur town area & Pookode zone.	28/9/2017 & Revised AS on 25/05/2020	16.67	37.885 km pipe laid & interconnection works completed.96% work completed. Balance pipe to be laid in PWD common road (Chavakkad Wadakkanchery Road) with RWPM and CWPM..	96%	PWD sanction pending in Chavakkad - Vadakkancheri road.	

2	16-17	Construction of 10 LL OHSR and pumping main to Guruvayur, and balance distribution network to the Municipality.	28/9/2017 & Revised AS on 25/05/2020	17.74	<p>Out of 9300 M, 2535 m pipe supplied and 400 m laid by the contractor of the original work, Sri.Paulose Abraham,</p> <p>The location of site of OHSR was changed two times due to public protest and other technical reasons. The 3rd site selected by Corporation and KWA was not accepted by the contractor. He approached the Hon'ble High Court of Kerala vide WP(C) No 26151 of2020 requesting either to relieve him off the work or to allow 10% enhancement in rate due to change in design parameters. The Hon'ble High Court directed to consider the request of the contractor. The Managing Director, KWA after conducting a detailed discussion with KWA Engineers and Contractor, decided to terminate the contract and to retender the balance work. Accordingly SE, Thrissur terminated the above work and initiated to arrange the balance works by splitting into small works. CWPM- 2494m pipe supplied (300mm DI - 2285.00m and 500mm DI - 209.00m). 400m pipe laid ( 300mm DI - 257.50m and 500mm DI - 143.00m). . CWPM- Total 890m completed out of 7145m. 10LL OHSR- Demolishing of existing structure is completed for construction of 10LL OHSR near KWA store Guruvayur. Soil test conducted and design submitted to WASCON. Work Terminated by SE on 18/01/2020. CWPM laying in Muthuvattoor Guruvayur PWD road (500m) arranged and completed. CWPM laying in Chavakkad Wadakkanchery PWD road (3.5km) arranged vide quotation/ negotiated tender. . Construction of 10LL OHSR and CWPM Balance work retendered. No offers received. Hence waiting for Rate revision for retendering. Total 7% Completed. CWPM- Total 890m completed out of 7145m. 10LL OHSR- Demolishing of existing structure is completed for construction of 10LL OHSR near KWA store Guruvayur. Soil test conducted and design approved by WASCON. Retendered the work of construction of 10LL OHSR with due date 16/10/2021 and opening date 18/10/2021.</p>	7%	PWD sanction pending in Chavakkad - Vadakkancheri road.
3	16-17-18	Improvement of water supply system for Guruvayur (Package II)	28/9/2017 & Revised AS on 25/05/2020	81.34	Work divided in to 2 packages		
	16-17	Improvement of water supply system for Guruvayur (Package II) - Phase I		11.65	Work completed	100%	
	17-18	Improvement of water supply system for Guruvayur (Package II) - Phase II		69.69	. Pipe laying in progress..27km out of 38.987km , pipe laying completed. 500mm DI Pipe - 990m supplied. 27km out of 38.987km , pipe laying completed. Work stopped due to heavy rain.	75%	PWD sanction pending in Chavakkad - Vadakkancheri road.

4	16-17	Laying distribution networks in Thykkad zone - Guruvayur Municipality	22/2/2018 & Revised AS on 25/05/2020	12.13	100% pipe supplied. Out of 20.14Km, 19.4 km pipe laying work completed. Balance pipe (450mm DI - 955m) to be laid in PWD Common road (Thriprayar Kanjani Chavakkad road) with other works. SE terminated the contract of work on 28/05/2021. The Contractor approached the Hon'ble High Court of Kerala vide WP(C) No. 6491 of 2021 (J), quoting delay and requesting to either terminate him from the work or to sanction enhanced rates (10%) on materials and labour for carrying out the balance work. As per the Judgment of the Hon'ble High Court of Kerala dated 15/03/2021 in WP(C) No : 6491 of 2021 (J) , heard the Contractor and directed vide Superintending Engineer, PH Circle, Thrissur (vide Proceedings no: KWA/JP3/113/2019 dated 26.05.2021 of MD, KWA) to relieve the contractor, Sri. George Mathew from executing the balance work and to short-close the contract with the Contractor and to rearrange the balance work, without further delay. The SE terminated the contract and balance work arranged from Division Office on 16/06/2021. Balance work of Distribution Network of Thaikkad zone Laying 450mm DI Pipe in Thriprayar Kanjani Chavakkad Road from Angadithazham to Mamabazaar - 955m-Work order issued.	93%	Permission from Railway authorities to be obtained for crossing railway line near Palayur Railway gate (LC No. 11) between chainages 20/0 and 20/100 Punnamm (PNQ) and Guruvayoor (GVR) stations. Applied online on 8/11/2018. Application ID: SR-TVC-2018-88. Joint inspection conducted on 28/02/2019 and feasibility report with proposed sketch was submitted to TVM on 12/05/2019. P& E charges of Rs. 1,31,200/- paid on 09/08/2019. The location changed afterwards and joint inspection conducted and feasibility report submitted on 21/03/2020. Soil test was done by IIT, Palakkad and result submitted to Southern Railway.
5	17-18	Construction of 10LL OHSR and Pumping Main to Guruvayur including distribution network(continuation project), Location: OHSR at Pookkode, pumping main and distribution at Municipal area.	23/12/2017 & Revised AS on 25/05/2020	23.00	49 km of Pipe laying work completed. 95% work completed. Balance Pipe to be laid in PWD Common road (Chavakkad Wadakkanchery road) along with RWPM and CWPM.	95%	PWD sanction pending in Chavakkad - Vadakkancheri road.
		TOTAL		150.88			95.635
<b>PALAKKAD</b>							
<b>WATER SUPPLY SECTOR</b>							
<b>WS PROJECT DIVISION PALAKKAD</b>							
1	15-16	Providing new pumping main 600mm DI-K9 - 3400m from Puthur Jn. to Moothanthara OHSR (Part-1)	23/2/2017	5.44	Work completed	100%	
	15-16	Providing new pumping main 450mm DI-K9 - 4650m from Mattumantha to Kalmandapam.	23/2/2017	4.56	Work completed	100%	
2	16-17	600mm DI K9 New pumping main - From Malampuzha WTP to Mattumantha DI- K9 pipe 600 mm - 2850 m.	15/08/2017	6.25	Work completed	100%	
	16-17	Supply and erection of electromagnetic flow meter.	15/08/2017	0.50	Work completed	100%	

	16-17	Construction of 16L Ltrs OHSR at Kalmandapam KWA and demolishing the existing OHSR.	15/08/2017	3.00	Work completed	100%		
3	16-17	Construction of 45 MLD water treatment plant at Malampuzha, KWA compound and booster station.	28/09/2017	22.25	1. All major structural works completed 2. Finishing works and channel RCC works remaining 3. Mechanical, Electrical&Automation works remaining Plastering works: Clarifier 1, Clarifier 2, Filter House Finishing Works: Tile works inside the filter box RCC works: Filter Backwash Channel, Filter Inlet	84%		
4	17-18	Replacement of raw water and clear water pump set, transformers and electrification		2.30	3Nos of 40mx274lps-177HP and 3Nos of 35mx166lps-120HIP pumps supplied. Foundation Bed RCC work completed at CW pump house. Installation work in progress.	61%		
	17-18	Constuction of OHSR 2 Nos , total 76.5LL capacity	23/12/2017 Revised A.S on 26/03/2021	11.56	1) 23.5LL OHSROHSR major works completed 2) 37LL OHSR major works completed. Painting works in progress.	99%		
5	17-18	Augmentation of Water Supply Scheme to Palakkad Maunicipality - Part III- Package II - Providing Rider main, changing of water connections and replacement of existing AC Pipelines to DI/PVC pipelines in Palakkad Muncipality. (Revised AS)	23/12/2017 & Revised AS on 03/01/2020	85.15	Work divided in to 3 packages			
	17-18	Mattumantha Zone		28.11	Connection Shifting works and branch shifting works in progress.	97%		
	17-18	Moothanthara Zone		29.21	Connection Shifting works and branch shifting works.	97%		
	17-18	Kalmandapam Zone		27.83	43996m/43996m laid New connection works and branch shifting works in progress .	98%		
		TOTAL		141.01				82.132
KOZHIKODE								

WATER SUPPLY SECTOR							
PH DIVISION KOZHIKODE							
1	15-16	Rehabilitation of old pipes, valves, interconnections with existing lines and providing water meters	23/02/2017	17.87	Work split in to 8 packages		
	15-16	Package 1		1.86	Work completed	100%	
	15-16	Package 2		5.41	Work completed	100%	
	15-16	Package 3		1.03	Work completed	100%	
	15-16	Package 4		1.93	Work completed	100%	
	15-16	Package 5		3.09	Work completed	100%	
	15-16	Package 6		0.85	Work completed	100%	
	15-16	Package 7		0.63	Work completed	100%	
	15-16	Package 8		1.67	Work completed	100%	
	16-17	Rehabilitation of existing old pipes, valves and interconnection with the existing lines (Phase II)	2/11/2017 & Revised AS on 12/05/2020	15.499	Work split in to 7 packages		
	16-17	Package 1		1.15	Work completed	100%	
	16-17	Package 2		3.98	Work completed	100%	
	16-17	Package 3		1.92	Work completed	100%	
	16-17	Package 4		3.62	Work completed	100%	
	16-17	Package 5		3.42	Work completed	100%	
	16-17	Package 6		0.98	Work completed	100%	
	16-17	Package 7		0.35	Work completed	100%	
3	16-17	Strengthening of existing infrastructure facilities, and quality improvement of CWSS in Kozhikode Corporation	11-02-2017	17.27	Work split in to 3 packages		



	16-17	Package 1		6.90	Inter connection work at Dental College is progressing	87%	PWD permission for laying 460 mtr in Chevayur Thondayad stretch and 700 mtr at Manari to be obtained. .	
	16-17	Package 2-Civil Works		4.00	Work completed	100%		
	16-17	Package 3 - Electrical Works		2.70	Work completed	100%		
		TOTAL		50.64				37.256
<b>PROJECT DIVISION KOZHIKODE</b>								
1	17-18	Integrated Calicut Water Supply Project - phase 2 - Laying of distribution Lines in 10 zones	01-01-2018	46.55	Work split in to 10 packages			
	17-18	Package 1-Balamandiram		1.29	Work completed	100%		
	17-18	Package 2 - East hill zone		5.03	Work completed	100%		
	17-18	Package 3- Elathur zone		1.60	Work completed	100%		
	17-18	Package 4-Eravathukunnu north one		1.92	Work completed	100%		
	17-18	Package 5-Eravathukunnu south zone		4.71	Work completed	100%		

	17-18	Package 6-Malaparamba zone		5.17	Work completed	100%		
	17-18	Package 7-Pottammel zone		6.80	Work completed	100%		
	17-18	Package 8-Cheruvannur zone		2.74	Work completed	100%		
	17-18	Package 9-Kovoor zone		6.51	Work completed	100%		
	17-18	Package 10-Beyypur zone		10.67	Work completed	100%		
		TOTAL		46.55				29.420
<b>KANNUR</b>								
<b>WATER SUPPLY SECTOR</b>								
<b>PROJECT DIVISION KANNUR</b>								
1	15-16	Laying Gravity Main from JICA project at Mangattuparamba to Pallikkunnu OHSR for Pallikkunnu & Puzhathi Villages.	23/2/2017	23.50	Work completed on 21/01/2020 and commissioned	100%		
2	15-16	Construction of 24LL OHSR at Pallikkunnu for Pallikkunnu & Puzhathi Villages.	23/2/2017	4.05	Work Completed and commissioned on 03.05.2020	100%		
3	15-16	Construction of 14LL capacity OHSR Thottada at Edakkad zone III in Kannur Corporation.	15/08/2017	3.00	Work completed, commissioned on 08.02.2020	100%		
4	15-16	Rehabilitation of old distribution networks, valves, house service connections and inter-connections in Kannur Corporation SAAP 2015-16 - (Puzhathi)	28/9/2017 & Revised AS on 16/12/2019	17.70	Work Completed	100%		

5	16-17	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.	28/9/2017 & Revised AS on 16/12/2019	15.62	Work completed	100%	
6	16-17	Laying of gravity main from water supply system to Kannur at Melechowa to sump at Avera to OHSR at Thottada including erection of pumpsets at Avera in Kannur Corporation 2016-17	15/08/2017	6.80	Work completed except railway crossing.Trial run completed with temporary arrangement, Regular water supply started. ..Letter issued to the contractor concerned to start the work.Applied for Caution from Railway.Water logged area ,hence at present can not do the work..	98%	Railway - Caution to be received. A thrust force report is required. Submitted request for the report to GCE kannur. Delay due to absence of concerned experts in college due to lock down.
7	16-17	Enhancing capacity of treatment plant from 30 MLD to 40 MLD including modernisation of existing treatment	11-02-2017	7.80	Completed on 31/10/2020	100%	
8	17-18	Supplying and Laying new distribution lines in Pallikkunnu and Puzhathi area providing new service connection and inter connection with existing lines.	2/11/2017 & Revised AS on 16/12/2019	4.25	Work Completed	100%	
9	17-18	Laying new distribution line and providing new service connection at Elayavor zone	23/12/2017 & Revised AS on 16/12/2019	8.36	Work Completed	100%	
10	17-18	Laying new distribution line 385km and providing new service connection at Edakkad zone	23/12/2017 & Revised AS on 16/12/2019	5.79	Work completed	100%	
11	17-18	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 Elayavor zone	23/12/2017 & Revised AS on 16/12/2019	11.57	Work completed	100%	

12	17-18	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	23/12/2017 & Revised AS on 16/12/2019	8.95	Work completed	100%	
		TOTAL		117.39			201.90