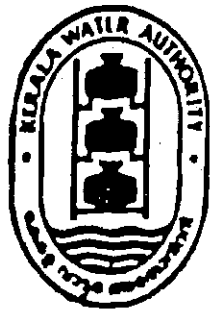


KERALA WATER AUTHORITY



**TRIVANDRUM
WATER SUPPLY SCHEME**

CRISIS MANAGEMENT GROUP

MANUAL

CONTENTS

I	A Brief History of Trivandum W.S.S	3
II.	CMG - Manual	5
III.	Annexures	
	1. Tel. Nos. Office of the Hon. Minister for Irrigation	15
	2. Tel. Nos. MP's & MLA's of Thiruvananthapuram	16
	3. KWA Emergency Numbers	17
	4. Officials of KWA and District Administration	18
	5. Equipment Vendors	20
	6. Address Details of Competent Contractors	21
	7. CMG Members & Subordinate Officers	22
	8. Other Important Telephone Numbers	27
	(Media, Police etc.)	
	9. CMG Guided Programmes	28

KERALA WATER AUTHORITY

THIRUVANANTHAPURAM WATER SUPPLY SCHEME

A BRIEF HISTORY OF THE EXISTING WATER SUPPLY SYSTEM

The water supply system in Thiruvananthapuram City was initially commissioned in 1933, which widely known as Willington Water Works. A reservoir constructed at Aruvikara Panchayat, about 13km East of the Thiruvananthapuram City formed the source of the system. Through a cast iron pipe of diameter 840mm, the raw water brought to Vellayambalam Water Works. The clear water is collected at two reservoirs, one at the 50-lakh litre capacity overhead reservoir at observatory hills & the other at ground level service reservoir of capacity of 58-lakh liter. Supply of water to the entire city was from these two tanks.

By the year 1962 the supply of water was found grossly inadequate owing to the growth of the city in population and area. To meet the increased demand, more water has been pumped from Aruvikkara to Vellayambalam Water Works, to increase the capacity of the water supply scheme. Another 70-lakh liter capacity overhead reservoir was constructed at Observatory hill.

In 1972 a new treatment plant was commissioned at Aruvikkara for meeting the requirements of a rapidly increasing population. The treated water was brought to Thiruvananthapuram city through 1200mm cast iron pipe & collected in ground level service reservoirs at Peroorkada, Thirumala and Manvila, having a capacities of 80 lakh liters each. Thus the supply of treated water to Thiruvananthapuram City increased to 84 million liters. Further the capacity of Aruvikkara reservoir was augmented with construction of Peppara dam at the upstream of Karamana River.

In 1991 the calculated total demand for Thiruvananthapuram City was 170 million liters. Serious water scarcity prevailed in these years and subsequently in 1992, a new treatment plant was installed at PTP Nagar with the source as Karamana River at Kundamankadavu. To meet the demand for the year 2000, a new treatment plant was constructed and commissioned during on 26.1.1999 increasing the total capacity of the scheme to 200mld. The water from the new treatment plant was brought to the city through 1200 PSC pipe.

KERALA WATER AUTHORITY CRISIS MANAGEMENT GROUP

MANUAL

1. Introduction

The Crisis Management Group (CMG) of Kerala Water Authority has been constituted by Order No. KWA/HO/W1/315/97 Dated 09/02/1998 of Managing Director, Kerala Water Authority, Thiruvananthapuram. The formation of the CMG was as per the recommendations of Shri. S. Daivamony, former Engineering & Director, Metro Water, Chennai who was the commission of enquiry on the major breakdown of 1200 mm. CI transmission main at Kummi which paralysed the Trivandrum City Water Supply and as per the directions of the Government in accepting the recommendations of the commission to prevent the recurrence of such major breakdown in future vide G.O. MS No. 91/97/lr. D dt 5.8.1997.

1.1 Objectives

1. The Crisis Management Group of Kerala Water Authority for Thiruvananthapuram City Water Supply Scheme is constituted for arranging and effectively managing all situations of crisis that may occur due to the failure/bursting of any pumping/major transmission mains or any electro

- mechanical civil structures/installations so that the interruption of water supply to the city and the consequent difficulties to the public is minimum at any instant.
2. All major crisis in the pipe line system of size 400 mm or above of the Trivandrum Water Supply Scheme and collapse of any major civil/electro mechanical installations shall come under the operational jurisdiction of Crisis Management Group.

2 Organisation :

The following will be the constitution of the Crisis Management Group.

- | | |
|--|------------|
| 1. Chief Engineer (SR) | - Chairman |
| 2. Suptdg. Engineer, P.H. Circle
Thiruvananthapuram | - Convenor |
| 3. Exe. Engineer, P.H. Division,
Thiruvananthapuram | - Member |
| 4. Exe. Engineer, W.S. Division,
Thiruvananthapuram | - Member |
| 5. Exe. Engineer, Sewerage Dn.,
Thiruvananthapuram | - Member |
| 6. Exe. Engineer, Sewerage Project
Division, Thiruvananthapuram | - Member |
| 7. Exe. Engineer, T.I.A. Division,
Thiruvananthapuram | - Member |
| 8. P.A. to Suptdg. Engineer
P.H. Circle, Thiruvananthapuram- | Member |

2.1 Jurisdiction of CMG:

The major crisis that can be expected in the system shall be one of the following category.

- (a) Breakdown of the pumps and motors
- (b) Breakdown in the electrical system
- (c) Disruption in the pumping / transmission main
- (d) Disruption in the distribution system
- (e) Collapse of civil structures of any kind.

3. Members of Crisis Management Group and their Duties

3.1 Chief Engineer (SR), Thiruvananthapuram

3.1.1. The Chief Engineer shall be team leader and shall act as the spokesman of the Authority.

3.1.2 The Chief Engineer shall co-ordinate the rectification works and monitor the progress.

3.1.3 Chief Engineer shall report the details of the crisis to the Chairman of Kerala Water Authority and Secretary (Water Supply) Govt. of Kerala, Managing Director, Technical Member and Accounts Member.

3.1.4 Chief Engineer shall order for direct purchase of materials required for the rectification of the work as also order hiring of any tools, plants and equipments required for the speedy completion of the work.

3.1.5 Chief Engineer shall do all liaison work with other agencies/ depts / institutions etc. for making available the required services and materials.

3.2 Superintending Engineer, Public Health Circle, Thiruvananthapuram

3.2.1 The Superintending Engineer shall be the convenor of the Crisis Management Group.

3.2.2. The Superintending Engineer will be responsible for the overall site management and speedy completion of the work and shall assign specific duties and charges to the respective officers for the supervision of the work.

3.2.3. Superintending Engineer shall inform the City Mayor / District Collector etc. regarding the interruption to the Water Supply and appraise them of the actions taken.

3.3 PA to Superintending Engineer

- 1.** PA to Superintending Engineer shall function as the PRO and shall be in touch with the officers assigned on various duties and should know the status of the work.
- 2.** PA to Superintending Engineer shall give information to the press and Electronic media regarding the interruption and progress of the work in co-ordination with the Chief Engineer and the Convenor.
- 3.** PA shall also establish contact with Kerala Water Authority offices and officials outside the circle if necessary for managing the crisis situation.
- 4.** PA to Superintending Engineer in such crisis situations move to the Emergency unit under Public Health Division, Thiruvananthapuram for establishing better contact with public, District Administration and Corporation.

3.4 Executive Engineer, Public Health Division

1. Executive Engineer, Public Health Division, Thiruvananthapuram shall co-ordinate with the corporation, revenue and fire force authorities for supply of water through tanker lorries to the affected area.
2. He shall set up a Control Room at Water Works emergency unit Vellayambalam in association with Corporation of Thiruvananthapuram and shall establish co-ordination work with PA to Superintending Engineer on various public relation activities.
3. During the crisis, the filling point at Vellayambalam Water Works shall be completely under the command of Executive Engineer, Public Health Division, Thiruvananthapuram. He shall also set up filling points at Water Works Section Karamana and also at PTP Nagar.
4. In the event of the crisis occurring within the jurisdiction of Public Health Division, Executive Engineer, Water Supply Division shall assume all these responsibilities with the assistance of the subordinates of Executive Engineer, Public Health Division.
5. It shall be the responsibility of Executive Engineer, Public Health Division, Thiruvananthapuram to maintain the control room and monitor the situation till normalacy of water supply is attained.

3.5 Executive Engineer, Water Supply Division

1. Executive Engineer, Water Supply Division will be responsible for locating the fault and informing the crisis

to the Superintending Engineer, Public Health Circle and take all preliminary steps for managing the situation such as, controlling valves, providing caution boards and fencing lighting arrangements constructing sheds for site office and such other amenities including communication facility at site.

2. He shall locate the contractors capable of emergency mobilization at site and arrange for necessary tools and plants as required.
3. If the crisis occurs in the Public Health Division or Trivandrum Interim Augmentation Division, then the Executive Engineer of the respective divisional shall attend to the above duties.

3.6 Executive Engineer, Sewerage Division,

1. Executive Engineer, Sewerage Division shall liaison with the Police, Public Work Department, Kerala State Road Transport Corporation etc. for diversion of traffic, cutting of road and general control of work site.
2. Executive Engineer, Sewerage Division shall also ensure sufficient supply of water to the Medical College Campus for which the assistance of fire force shall be sought in addition to the assistance from City Corporation and Revenue Authorities.
3. He shall assist the convenor for the speedy completion of the work as required by the Convenor.

3.7 Executive Engineer, Sewerage Project Division

1. He shall arrange to mobilise the Department vehicles and arrange to the required numbers for the management of the work situation. He will have the power to call for any

Kerala Water Authority vehicle under the circle for the purpose of crisis management and within an hour of getting information of the crisis situation he shall make sure that at least 4 vehicles are made available at the site.

The Executive Engineer shall provide all necessary assistance to the Superintending Engineer, Public Health Circle, Thiruvananthapuram as required by the later.

3.8. Executive Engineer, Trivandrum Interim Augmentation Division

1. In all the cases of crisis where of the Crisis Management Group is called to act, Executive Engineer, Trivandrum Interim Augmentation Division and his subordinate officers shall be responsible for the supervision of the works at the site in close co-ordination with the concerned sub division.
2. In case the crisis occurs within the jurisdiction of the Trivandrum Interim Augmentation Division then the site supervision shall rest with any other division or subdivision offices with whom the Superintending Engineer shall entrust the duty.
4. **Operation of C M G. Guide lines**
 - 4.1 In the event of occurrence of any crisis, the Executive Engineer - concerned shall inform the convenor, Chairman and the members of the CMG about the occurrence and all members of the CMG are then to meet at the work spot within an hour and shall take stock of the situation. They shall assess the damages to the extend possible and decide on the modalities for the rectification at the site itself. The time required for the completion of the rectification work is also assessed. The diversion of flow and regulation of supply required at varrious reservoirs are finalised.

The Executive Engineer, Assistant Executive Engineer concerned shall have summoned all the available prequalified contractors to the site. The scope of work shall then be given to the contractors in writing and their offers received.

- 4.2 The CMG shall then evaluate the offers and decide on the contractor through whom the work shall be carried out. Fast mobilisation and early completion shall be the prime considerations in awarding the work to a contractor. The selected contractor shall commence the work within an hour of confirmation of award of contract and the Asst Executive Engineer concerned should supervise the work and monitor the progress.
- 4.3 In the event of non availability of any of the prequalified contractors, the CMG shall have the authority to negotiate and entrust the rectification works to any other contractor/ Agency/group of contractors available for taking up the work.
- 4.4 The CMG shall if deemed necessary re-inforce the rectification works by providing necessary equipments or machineries through other Agencies to speed up the works. The CMG shall in cases of slow progress of work or otherwise if found necessary shall re-arrange the balance work through any other agencies after terminating or limiting the scope of the work already arranged earlier. the decision taken at the site meeting, work site orders etc. should be minuted and recorded. The custodian of all such records shall be the convenor. Any matters or issues not detailed here shall be discussed and

decision taken as found necessary by the CMG.

5. Tools and Plants

5.1. The Tools and Plants required for the early and satisfactory completion of the work shall in normal case be arranged by the contractor with whom the work has been entrusted. But, if the contractor finds it difficult to mobilise the required tools and plants then the CMG shall initiate action for hiring such tools and plants required for the work from private/ Government agencies and provide it for the work.

5.2 Procurement and Maintenance of T & P by CMG.

5.2.1 The CMG shall procure necessary tools and plants which are often required for the mobilisation and rectification of the pipe line repairs. All such tools and plants shall be entrusted to and maintained by the Assistant Executive Engineer W.W. Sub Division Aruvikkara or with that Assistant Executive Engineer who is in direct charge of the maintenance of the transmission mains from Aruvikkara as decided by the chairman of the CMG. All such tools and plants shall be maintained in sound condition and made available, when ever asked for by an officer of the rank of Asst Engineer or above for attending / managing the crisis situations within their respective jurisdiction

5.2.3 It shall be the responsibility of the Asst Engineer (Electrical) Aruvikkara to transport, effect, commission and maintain the tools and plants including generator and provide necessary lighting arrangements at the site, shall there be any site work occurring under

the scope of CMG and in any of the divisions.

6. GENERAL

- 6.1 In case any of the members of the CMG is not available due to authorised absence, the Superintending Engineer/Convenor shall be authorised to co-opt any officer within his circle to perform the duties of the absentees.
- 6.2 In case the S.E./convenor himself is not available the CE/Chairman shall nominate any officer under him not below the rank of E.E. to carryout the functions of the convenor.
- 6.3 In case the Chairman/ CE is not available the S.E. shall carryout the functions of the chairman in addition to his duties as convenor.
- 6.4 The members and convenor of the CMG. shall inform the chairman in writing regarding their absence from Headquarters well in advance in all events of their absence from head quarters even as normalacy prevails.

Annexure - I

HON: MINISTER FOR IRRIGATION & WATER SUPPLY & MINISTERS OFFICE

Sl. No.	Name	Designation	Address	Phone
1.	Sri.T. M. Jacob	Minister for Irrigation & W. S.		333460 (O) 333487 (O) 0471-312330 (R) 312331 (R) Fax 332021 (O) 316967 (P) 0485 - 875300 (Piravom) 875301 (Piravom)
2.	Sri.Anilal A.G	Private Secretary		0471-333487 518256 543444 (R)
3.	S. Mahadevan Thampi	Addl. Private Secretary		333460 (O) 518256 (O) 309889 (R)
4.	Sri.P.J. Joseph	Addl. Private Secretary		332021(O) 518287 (O) 442607 (R)
5.	Sri.B. Surendran Nair	Addl. Private Secretary		332021(O) 518899 (O) 437337 (R)
6.	Sri. George Mathew	Asst. Private Secretary		332021 (O) 518287 (O) 307465 (R)
6.	N.N Shibu	Personal Asst.		333460 (O) 518256 (O)
7.	Sobhakumaran Nair	Special Personal Asst.		333487 (O) 518680 (O) 326728 (R)
8.	Mohanakumaran Nair	Special Personal Asst.		333487 (O) 518680 (O) 283397 (R)
9.	Salu Joseph	Addl. Personal Asst.		333487 (O) 518680 (O)

Anexture - II

MPs and MLAs of Thiruvananthapuram

Sl. No.	Name	Designation	Address	Phone
1.	V.S. Sivakumar	M.P. Tvpm Tvpm-3	Heritage, Bakery Jn.	337620 334890(O)
2.	Varkala Radhakrishnan	M.P., Chirayinkil Thycaud, Tvpm No.2, Janpath New Delhi	Rajendra,	323234 326933 378236(O)
3.	B. Vijayakumar	MLA-Tvpm East	Sree Vidya Sankar Lane (MLA Qrtz) Sasthamangalam	326397(R) 300800 98460-12272
4.	M.V. Raghavan	MLA-Tvpm West	Manmohan Bunglow Kowdiar	327882(R) 333670 (O)
5.	Adv : K. Mohan Kumar	Speaker-MLA, Tvpm North	House No. 202 SCT Nagar Pattom.P.O	448877(R) 512301(O)
6.	M.A. Waheed	MLA-Kazhakuttom	Ginsalayam Kunnukuzhy Kunnukuzhy .P.O	307437(R) 308999(O)
7.	Sakthan Nadar	MLA-Nemom	TC-11/335, H.No.52 Christ Nagar, Kowdiar	512202(O) 311176(R)
8.	Dr. Neelalohithadasan Nadar	MLA Kovalam	Manassi Thirumala	350860 612209
9.	Mankod Radhakrishnan	MLA NDD	Arjunam Puravoorkonam Karakulam P. O	512205(O) 372318(R)

Anexture - III

KWA EMERGENCY NUMBERS

- | | |
|--|-------------------------------------|
| 1. Water Supply Distribution Emergency
Vellayambalam | 328992 |
| 2. Special Surveillance
Peroorkada | 437753 |
| 3. Reservoirs,
Peroorkada
Thirumala
Observatory Hill | 433271
360790
328583 |
| 4. Treatment Plants
Aruvikkara
Vellayamabalam
Thirumala (PTP Nagar) | 888239
328706
360790 |
| 5. Dam - Peppara | 856283 |

Annexture - IV

CONTACT NUMBERS OF IMPORTANT OFFICIALS OF KWA & DISTRICT ADMINISTRATION

Sl. No.	Name	Designation	Address	Phone
<u>KWA Board Members</u>				
1	Sri Jaya Kumar	Secretary to Govt. Irrigation & Water Supply		327550(O), 518235 435680(R)
2	Sri.Vinod Rai	Principal Secretary, Finance		327586(O) 324023(R)
3	Sri.T. Balakrishnan	Chairman (Urban Development & Cultural Affairs)		333890(O) 332135(R) 98461-10023 98470-66041
4	Sri S.M. Vijayanand	Secretary to Govt. Local Self Govt.		332935(O) 470730(R)
5	Sri Elayidathu Ravi	Member, KWA		0474- 794467(R)
6	Sri.N. Chandrasekharan	Member, KWA (Alleppey)		0477-272033(R)
7	Sri.Bose	North Panur Municipality		0484-442899
8	Sri.K. Soma Prasad	Member (SC/ST) Sasthamcottah		0476-830658(O) 0476-831213(R)
9	Smt.K.S. Annamma	Additional Secretary Water Supply		333537 (O) 471543 (R) 479303 (R)
<u>Kerala Water Authority</u>				
10	Sri R. Ramanujam	MD, KWA, Panachimoodu Pattom		3227977(O) 442841(R) 98460 15590

11	Sri K Mohandas	T.M, KWA, Tvpm	328607 (O)
12	Sri M Ganesan	A.M, KWA	Edapazhinj 326748(O) Kochar Road 322783(R) Kochar Road 322313(O) 98470 90062 329212(R)
13	Sri C N Prasanna Kumar	CE(SR)	

District Administration

14	Smt. Sasikala Sivasankar	President District Panchayath	440890 (O) 829977 (R)
15	Sri S. K R Jyothilal	Dt. Collector	462471(O) 468990(R)
16	Sri R. Prasad	A. D. M	501285(O) 503662(R)
17	Sri Rajan Singh	City Police	320579(O) 335621(R)
18	Sri Balachandran	Asst. Commissioner, Traffic, Tvpm(N)	331232 (O) 468142 (R)
19	Sri Somanatha Pillai	Asst. Commissioner, Traffic, Tvpm (S)	330459 (O) 354721 (R)
20	Exe. Engr	Roads.	314815
21	Exe. Engr	N.H.	328517

Thiruvananthapuram Corporation

22	Prof Chandra	Mayor, Tvpm	322470(O) 434287(R)
23	P Venugopal	Secretary, Corp. of Tvpm	320821 (O) 332085 (O) 573545 (R)
24	Dr Peer Mohammed	Health Officer, TVPM Cropn	330459 (O) 354721 (R)

Annexure V

ADDRESS DETAILS OF CONTRACTORS / FIRMS FOR HIRING OF EXCAVATORS & OTHER EQUIPMENTS

Sl.No.	Name & Address	Tele No.	Equipment
1.	Vijayan Hardley Puthenthope	420073 416992	JCB
2.	Franklin Vetturoad Chittattumukku	422148	JCB
3.	P. Dileep Kadackavoor Trivandrum	656396	JCB
4.	Biju Anirudhen Anjeneya Earthmovers Sasthamangalam	330544 318866	JCB & Poccalain

Annexure VI

ADDRESS DETAILS OF COMPETENT CONTRACTORS

Sl No.	Name & Address	Tele No.
1.	N. Rajan Njarackal Kallayam, Trivandrum	327718 530317
2.	K.P.S. Kumar Eswaravilasom Road Jagathy	327151
3.	Prabhakaran Nair East Pattom Trivandrum-4	540564
4.	K.S. Rajiv Mukklackal Trivandrum	530569
5.	Madhusoodanan Nair Sree Sylam Choozhampala	436191
6.	R. Madhusoodanan Nair Remya Nivas Vattiyookavu	360485 362403
7.	N. Vinodal Lalas, Thattamala Kollam	9847074277
8.	Rajendran	
9.	Shanmugham Brothers Engineering works	
10.	T.O. Abraham	323855 98460 43296 98470 32269
11.	Contractors Association	325237

Annexure VII

DETAILS OF CMG MEMBERS AND SUBORDINATE OFFICERS

Sl. No.	Name	Designation	Address	Phone	
				Office	Res
<u>CMG MEMBERS</u>					
1	C N Prasannakumar (SR)	Chief Engineer	Kochar Road	322313	329212 9847090062 320287
2	C N Sasidaran	Supt Engineer		322303	326549 9847090061
3	Smt Vasantha	PA to SE		322303	412820
4	Abraham Zacharia	EE. TIAug Dn Vellayambalam		320784	444158
5	Solomon Fernandez	EE PH Dn Tvpn	Kalady	322798 98470 64727	344727
6	K P Krishna Kumar	EE. WS Dn Tvpn	Pangode		328954 9847090060
7	S Sabu	EE. Sewerage Dn	Kollam	443170 912-744354	
8	Mohan Jodar	EE. Sewerage (Projects)	Adarsh Nagar 3B Pottakuzhy	322594	443854 551929
<u>Other KWA Officers</u>					
9	Chandran V	Asst Exe Engr WW (N) Sub Dn		433954	360575
10	Dolfus Pereira	AEE. WW (S) Sub Dn, Kuriathy		472643	421282
11	Saju C Varghese	Asst Exe Engr WW Central Sub Dn		329131	324956 325107
12	M P Krishna Kumar	Asst Exe Engr WW(E) Sub Dn PTP Nagar		360790	353075

13	Prakash Idkula	Asst. Exe. Engr W.S. Sub Dn. Aruvikkara Trivandrum	888239	544381
14	S. Kollappa Pillai	Asst. Exe. Engr. TIAW Sub Dn. III Treatment Plant Aruvikkara	888280 888281	460620
15	Sri. Sampath	AE(Ele), Aruvikkara	888239	436604 437753 9846063693
16	K.K. Madhu	Asst. Exe. Engr. Sewerage Sub Dn., Kuriathy	479502	364679
17	Suresh Chandran	Asst. Exe. Engr. TIAWS Sub Dn. I	328654	Ext. 442 9847138753
18		Asst. Engr. W.S. (Aug) Section W.W. Campus, Trivandrum	328654	Ext. 454352257
19	John Koshy	Asst. Engr.	433954	326146
20	Mohammed Iqbal	Asst. Engr. WW Section V, PTP Nagar Tygm	VP 1/33 NDP Nagar, Peroorkada	360790 434033 434087
21	Thomas Issac	Asst. Engr. WW Dn., Palayam	328992	435078
22	Velappan Nair	Asst. Engr. WW Sn. Chalai	480589291629	
23	Vinayakumar	Asst. Engr. Pattoor Section	445863322714	
24	D. Mathai	Asst. Engr., WW Sn. Pongummoodu	448860	
25	A. Rajan	AE, Treatment plant at Aruvikkara	362711 328654 9846009646	

26	Rajeev	Asst Engr. Special Surveillance Unit, KWA, Peroorkada	433271	431082 437753
27		AE, TIAWS Section 813445 No. I, Tvm Civil works at Aruvikkara	Ext 439	
28		AE, TIAWS Section No. II, Tvm 16 MLD Water Treatment Plant at PTP	Ext 439	
29		AE, TIAWS Section No. III, Transmission & storage		
30		AE/TIAWS Section No. IV Office complex at W. Works.	Ext. 442	
31	Ashokan	Overseer	328654 328439	366221
32	S.R Sooraj		Ext. 442	
33	Vasantha	Asst. Engr./HQ	328654478408	
34	Vacant	Asst. Engr. WW Sn. Chalai	472643	
35	S. Ajith Kumar	Overseer IInd Grade SSU Peroorkada	Kuzhivilaveedu T.C. 19/1585, Thamalam Poojappura	433271
36	J. Zelshakingsy Das	Overseer-Ist Grade, WS Section No. II Aruvikkara	AP 1/168, Water Authority QTS, Aruvikkara	888239
37	Venugopalan Nair	Inspector/ VAZ Section		328992465751
37	Sabu PLM Section	Inspector/		328992372892
38	Vijayakumar	Inspector/ Patloor		445863456113
39	Mathai	Inspector/KDR		433954439980

40	Manoharan	Inspector/KPM		433654436113	
41.	Chandran	Inspector		448860	
42.	Sheeba Senan	Overseer		448860	478737
43.	Jose Cheriyan	Inspector		.	592917
44.	Sreekantan Nair	Inspector		.	350056
45.	Rajan	Inspector		.	372029
46.	Gangadharan Nair	Inspector		.	888716
47.	Vijayan	Inspector		322563	261065
48.	Anilkumar	Inspector		.	220171
	Sasthamangalam				
49.	Paulose	Inspector		.	431287
	Sasthamangalam				
50.	Seyatha	Inspector		.	
	Sasthamangalam				
51.	Anirudhen	Inspector/		472643	430437
52.	Sulaiman	Surveyor		328654 328442	502417
53.	Nalinakshan	Overseer		328654 328439	
54.	Gireesh Kumar	Overseer		- do -	
55.	S. Babur	Overseer		- do -	
56.	Shama	WWI, Chalai	Manacaud	472643	506442
57.	Mohan Das	WWI,	Karamana	360790	400060
58.	Sachanandan	WWI, PTP Nagar		360790	
58A	Vacant	Fitter, W.S. Electrical Sn Aruvikkara	Varvilakath Puthenveedu Aruvikkara	888239	
58B	E. Kochaniyan	Fitter, W.S. Electrical Sn. Aruvikkara	Veethuvada- kkathi Mahadevigadu P.O Aleppey	888239	482811

54C	P.N. Maniyan	Fitter, SSU Perookada Aruvikkara	Kerala Water Authority Qts	433271	
54D	C. Mohanendran Nair	Fitter, W.S. (Aug) Sn. WW Campus Powdikonam Trivandrum	Swapnalayam Kuzhikattukonam	328654	
55	K.I. Varghese	Welder, W.S. Electrical Sn KWA, Aruvikkara	Room No. 1, Rathna Lodge, Aruvikkara	888239	888328
55	M.V. Pramod	Do	Room No. 6 Ratna Lodge Aruvikkara	888239	888328
57	C. Satheesan	Do	Edavilakathu- mele puthenveedu, Aruvikkara	888239	888602
58	C. Bhuvanendran	Driver, KL 01G-7943 W.S. Electrical Section Trivandrum.	Kadayara Veedu, Puthiyathura P.O. Neyyatinkara	888239	

Anexture - VIII

OTHER IMPORTANT TELEPHONE NUMBERS

	Telephone	Fax
1. KSRTC - Control Room	463799	
2. KSEB		
Control Room	461399	
Chief Engineer - Dist.	553703	
Dy. CE - Dist.	465177	
3. Police Stations		
Peroorkada	433243	
Museum	315096	
Nedumangad	812400	
4. Media		
AIR	324982	
Doordarshan	730143	
Asianet	338970	
Kairali TV	572255	
Soorya TV	327080	
Press Club	331642	
Malayala Manorama	328198	327885
Mathruboomi	461071	462045
Kerala Kaumudi	461051	461985
Deshabhimani	331015	330872
Deepika	461845	475175

CMG - GUIDED PROGRAMMES

1. Regular Surveillance of pumping and Transmission Mains
2. Checking and servicing of control valves, air valves and appurtenances
3. Procurement of tools and plants for fast mobilization of crisis maintenance works.
4. Procurement of required pipes and specials for repairs / replacements
5. Creation of Database on pumping and trunk transmission lines.
6. Creation of Database (Zone wise) of city distribution system upto the size of 80 mm
7. Establishing rapid communication system.