

CONCEPT NOTE

Design, Build, Operate & Transfer for the work of

DRINKING WATER SUPPLY SCHEME TO RURAL HABITATIONS AND TOWN OF PAVAGADA TALUK IN TUMKUR DISTRICT, RURAL HABITATIONS AND TOWN OF MOLAKALMURU TALUK IN CHITRADURGA DISTRICT, RURAL HABITATIONS OF CHALLAKERE TALUK IN CHITRADURGA DISTRICT, UJJINI & 216 HABITATIONS OF KUDLAGI TALUK IN BALLARY DISTRICT, CHILAKANAHATTI & 14 HABITATIONS OF HOSPET TALUK IN BALLARY DISTRICT AND ADDITIONAL TURUVANUR & 59 HABITATIONS OF CHITRADURGA TALUK IN CHITRADURGA DISTRICT, KARNATAKA STATE, INDIA.

(Part of Special conditions of Contract)**1.0 OVERALL DBOT TENDER SCOPE AND IDEA**

Traditionally, the projects for water supply are tendered in terms of what is known as "Item Rate" tender. In other words, the Detailed Scheme Report (DSR) and detailed design and technical estimate of the work is drawn-up in advance by the agency calling the tender. The bidders, in such a case, executes the already designed water supply scheme and bidding is basically on the cost of execution of a known design and DSR.

In the present case the tender is for (i) Design (ii) Build (iii) Operate & (iv) Transfer.

This methodology of tender has been selected for the following reasons;

Pavagada scheme is a "Greenfield" water-supply project. Therefore, there are viable multiple alternatives in terms of design and technology (within the overall standards as laid down by CPHEEO & Other Guidelines / Standards).

Further, the size of the project is large and habitations in Pavagada taluk, Challakere taluk, Molakalmuru taluk, Kudlagi taluk, Hospet taluk and Chitradurga taluk and Pavagada and Molakalmuru towns are covered. This means the design options are multiple.

Tamil Nadu Water Supply & Drainage Board (TWAD) has executed DBOT projects on similar scale and experience has shown that the approach of DBOT can give more optimal solutions in terms of design and cost and also reduce execution time of the large water-supply projects.

KUIDFC has also used DBOT method to execute "Davangere Town Sewerage Treatment Plant".

In the same lines, RDW&SD, Karnataka is implementing one such mega water supply scheme covering all the habitations of Gadag District and the work on the same is nearing completion.

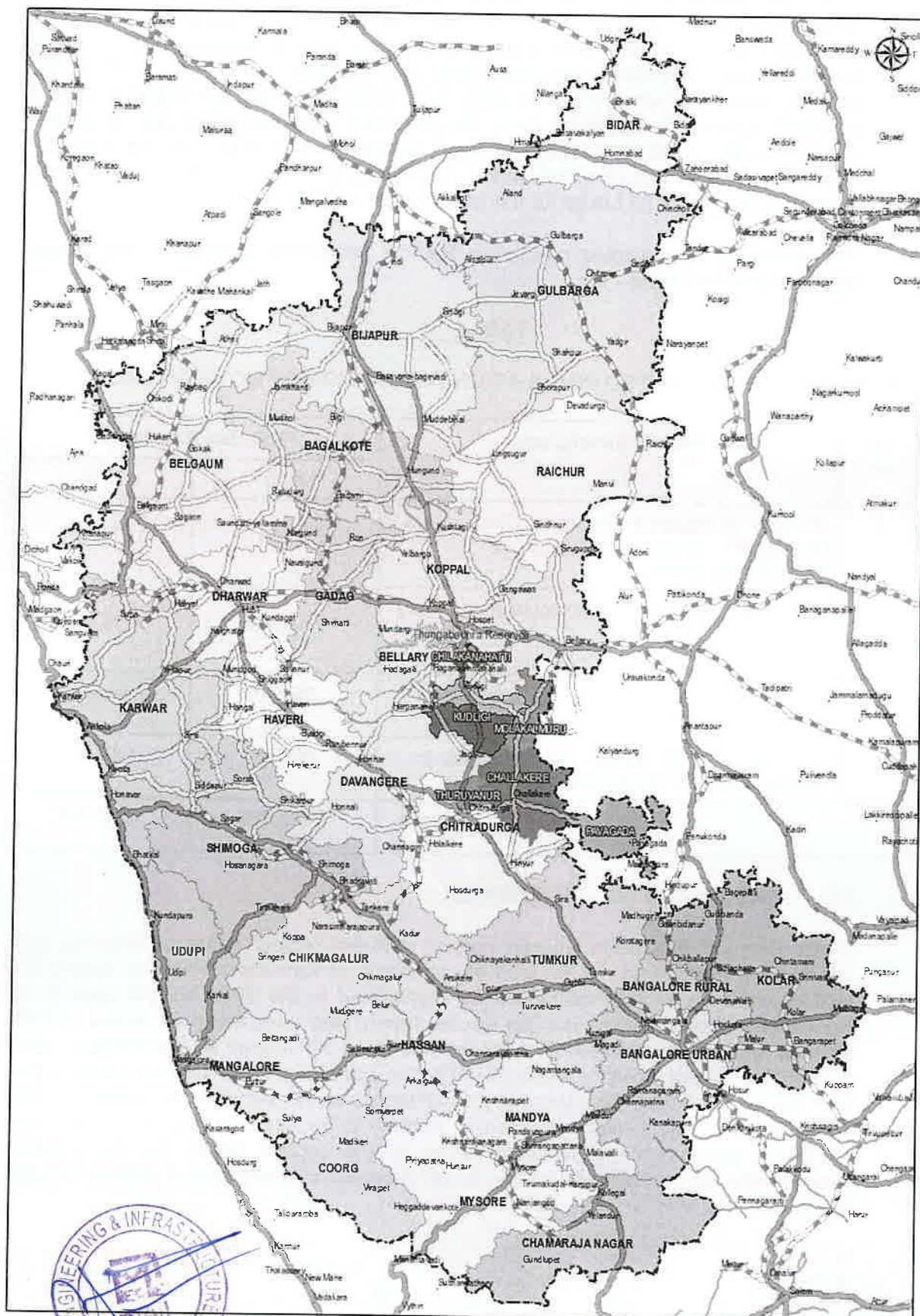
In this context the Cabinet approval has been accorded for implementation of this project on DBOT based tender.

The (a) source of water, (b) population to be catered and their location (the water requirement at destination habitations) shall be made available to the DBOT bidders as input data.

It is expected that bidders shall propose and prepare an optimal design to meet the water supply requirement and actually prepare a Scheme Report as accurate as possible which will be the basis of Contract. This Scheme Report shall be submitted as part of the Technical Bid and same shall be evaluated by a Committee



FIGURE - 1



3.1 POPULATION PROJECTION:

Projected population for different project years for each of the census village was calculated by various methods considering past population values for years 1991, 2001 and 2011. As the said project is a mega project covering 1163 Nos. of habitations and two towns, the design base year has been considered as 2020. The project intermediate design year shall be 2035 and project ultimate design year shall be 2050. Based on past growth trend, the projected population value are considered for each village as per projection methods. As seen in said table, the total projected population of habitations covered in the project taluks is 17.31 Lakhs for the ultimate year of 2050 and 14.52 Lakhs for the intermediate year of 2035.

The summary of projected population for the habitations covered in the project taluks is given in **Table - 1**.

TABLE - 1

SUMMARY OF PROJECTED POPULATION FOR DESIGN OF COMMON FACILITY

Sl. No.	Project Beneficiary	Projected Population	
		2035	2050
1.	872 Nos. of villages in Pavagada, Challakere & Molakalmuru taluks and Pavagada & Molakalmuru towns	9,90,861	11,56,483
2.	Ujjini and 216 villages in Kudlagi taluk of Bellary district	3,34,366	4,12,800
3.	Chilakanahatti and 14 villages in Hospet taluk of Bellary district	36,190	44,558
4.	Thuruvanur & 58 number of habitations in Thuruvanur Hobli of Chitradurga Taluk	90,973	1,07,476
Total =		14,52,390	17,21,317

3.2 PROJECTED WATER DEMAND:

Water demand has been worked out for different project years considering per capita water supply rate of 85 lpcd as per Govt. of Karnataka vision to supply 85 lpcd of water to all the habitations as highlighted in the 2016 budget speech of Honorable Chief Minister. The per capita supply rate considered for towns is 135 lpcd. As generally practiced, 20% losses has been considered as transmission and distribution losses. Loss of water in WTP has been minimized by recirculating the filter backwash water. The summary of projected water demand as arrived for the habitations in project taluks is given in **Table - 2**. As seen in said table, the total projected water demand for habitations in the project taluks for the project intermediate year of 2035 is 153.25 MLD and project ultimate year of 2050 is 181.25 MLD.



TABLE - 2

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SUMMARY OF PROJECTED WATER DEMAND FOR COMMON FACILITY

Sl. No.	Project Beneficiary	Projected Water Demand (MLD)	
		2035	2050
1.	872 Nos. of villages in Pavagada, Challakere & Molakalmuru taluks and Pavagada & Molakalmuru towns	105.25	123.25
2.	Ujjini and 216 villages in Kudlagi taluk of Bellary district (Phase 1 - 71 Villages, Phase 2 - 146 Villages)	34.50	42.25
3.	Chilakanahatti and 14 villages in Hospet taluk of Bellary district	4.00	4.75
4.	Thuruvanur & 58 number of habitations in Thuruvanur Hobli of Chitradurga Taluk	9.50	11.00
Total Demand =		153.25	181.25

4.0 SELECTION OF SURFACE SOURCE FOR THE PROJECT:

In order to identify a suitable and sustainable surface source of water to meet the water demand of the project taluks, a source study was done by evaluating the available surface sources in the region. In all four river basins were studied i.e. North Pennar (Uttara Pinakini), Cauvery, Krishna and West Flowing Rivers through Yettinahole Project. On identifying different major and minor storage reservoirs and canal systems in above four river basin systems, three alternative sources selected for further techno-economic evaluation as given below;

Proposed Madhugiri Feeder Canal from proposed Yettinahole Project
Tungabhadra Reservoir with drawal from existing Power Canal
Tungabhadra Reservoir with drawal from Backwaters of Reservoir

On detailed evaluation of the above sources it was concluded that, water drawl from Tungabhadra Reservoir backwaters is more feasible. Hence, for the present project, Tungabhadra Reservoir backwaters has been considered as the suitable and sustainable source of surface water. Tungabhadra Reservoir has an as built live storage capacity of 132.5 TMC and there is an as built dead storage volume of about 2.30 TMC below reservoir MDDL level and water need to be drawn from this buffer storage for the project to assure uninterrupted water supply to the habitations throughout the year. The design capacity for common facilities for the four schemes as given in above table is 181.25 MLD. Based on field study, the intake point may be considered near Tungabhadra reservoir backwaters with intake level below the MDDL level as specified elsewhere in the document. However the location of drawl shall be finalized after a detailed study. The tentative location of intake point for present scheme is shown in **Figure - 2**.



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FIGURE - 2

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**TENTATIVE LOCATION DETAILS OF RAW WATER INTAKE POINT AT
TUNGABHARA RESERVOIR BACKWATERS**



Note: The location and details as given above are for Bidders guidance only.

5.0 PROJECT PROPOSAL:

Under the proposed project, it is being considered to draw required quantity of raw water from Tungabhadra Reservoir backwaters and supply to project habitations after treatment. The project components include intake well, connecting pipes, jack well cum pump house, Approach Bridge, intake structure, raw water rising main, WTP, treated water storage tank, treated water pumping station, main booster pumping station (MBPS), master storage reservoirs (MSR) / BPT, intermediate pumping stations (IPSS), local lifting stations (LS), clear water bulk transmission mains, master balancing reservoirs (MBRs), gravity feeder mains up to habitations in project area etc.

The two schemes i.e. Ujjini and 216 villages in Kudlagi taluk of Bellary district (Phase 1 : 71 habitations and Phase 2 : 146 habitations) and Chilakanahatti and 14 villages in Hospet taluk of Bellary district 59 habitations of Turvanur Hobli in Chitradurga district are sub schemes of main scheme i.e Pavagada WSS.

The project habitations are to be grouped into to clusters with each cluster having 15 - 18 villages. All the project components shall be designed for ultimate stage water demand of 181.25 MLD. The intake structure shall be located at backwaters of reservoir. Main booster pumping station (MBPS) and Intermediate booster pumping stations shall be provided to avoid very high head pumping. As per the preliminary design prepared by RDW&SD, the WTP is located near Haravanahalli village, Main Intermediate Pumping Station (MPS) is located near Shivapur village and Main Storage Reservoir (MSR)/BPT is located near Kakkuppi village. The water tapping point for Chilakanahatti and 14 villages sub scheme is WTP wherein water will be drawn from treated water storage reservoir of WTP.



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The treated water from WTP shall be conveyed to MPS near Shivapur village through a bulk water transmission main. The water tapping point for Ujjini and 216 villages sub scheme is MPS wherein water will be drawn from storage tank of MPS. The water from MPS shall be conveyed to MSR near Kakkuppi village. At the MSR, a boosting station shall be provided to enhance the pressure to higher head so that, treated water from this point flows by gravity to most of the MBRs / ZBTs downstream. The water tapping point for Ujjini and 216 villages sub scheme is from pressurized main of boosting station.

The bulk water spine line from MSR / BPT which runs through Molakalmuru, Challakere and Pavagada taluks will be tapped at different locations in between to feed the MBRs / ZBTs directly through available head in the spine line. The design pressures at these junctions shall be as specified elsewhere in this document and the same shall be ensured by boosting at MSR.

The treated water from MSR which is further pressurized will be conveyed to Master Balancing Reservoirs (MBRs) located at each cluster of project villages. The treated water stored at MBRs shall be conveyed to existing and proposed OHTs in each habitation through a gravity feeder main network duly disinfecting with 0.50 mg/l of residual chlorine availability at village OHT feeding point. Whichever village is not having any OHT or adequate capacity meeting 50% capacity of intermediate year a separate OHT of 50% of intermediate year daily demand duly deducting the existing capacity or 10000 litres capacity whichever is higher with 7.50 m staging at the highest level in that village shall be constructed as part of this scheme. The design of the entire scheme shall be as per the design criteria given elsewhere.

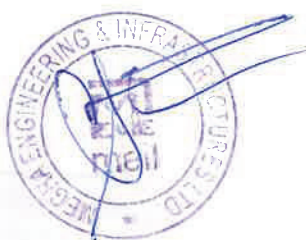
The existing surface water supply infrastructure which is available and expected to be used/ integrated with this water supply scheme shall be informed.

The water supply network shall be optimized in terms of use of gravity to minimize operational cost.

6.0 OPERATION PHILOSOPHY FOR MANAGEMENT OF BULK WATER SUPPLY:

As the proposed surface water scheme is a mega project involving many project components including intake, MBPS, IPS, MSRs, LS, MBRs, pipelines etc. which are interlinked with each other, manual operation of the scheme is difficult and requires huge manpower. In case of manual operation there are chances of human error and system cannot be synchronized completely to prevent overflows, water losses, and inequitable supply among habitations. Hence a comprehensive proven "Integrated Water Management System" shall be provided for the scheme for automated operation. The system provided shall include Integrated District Management System (IDMS), Water Management Districts (WMDs), Air Management System (AMS) and Reservoir Management System (RMS) with SCADA system for effective operation and easy in maintenance of the scheme.

The tentative layout plan of proposed water supply scheme is shown in **Figure - 3**.



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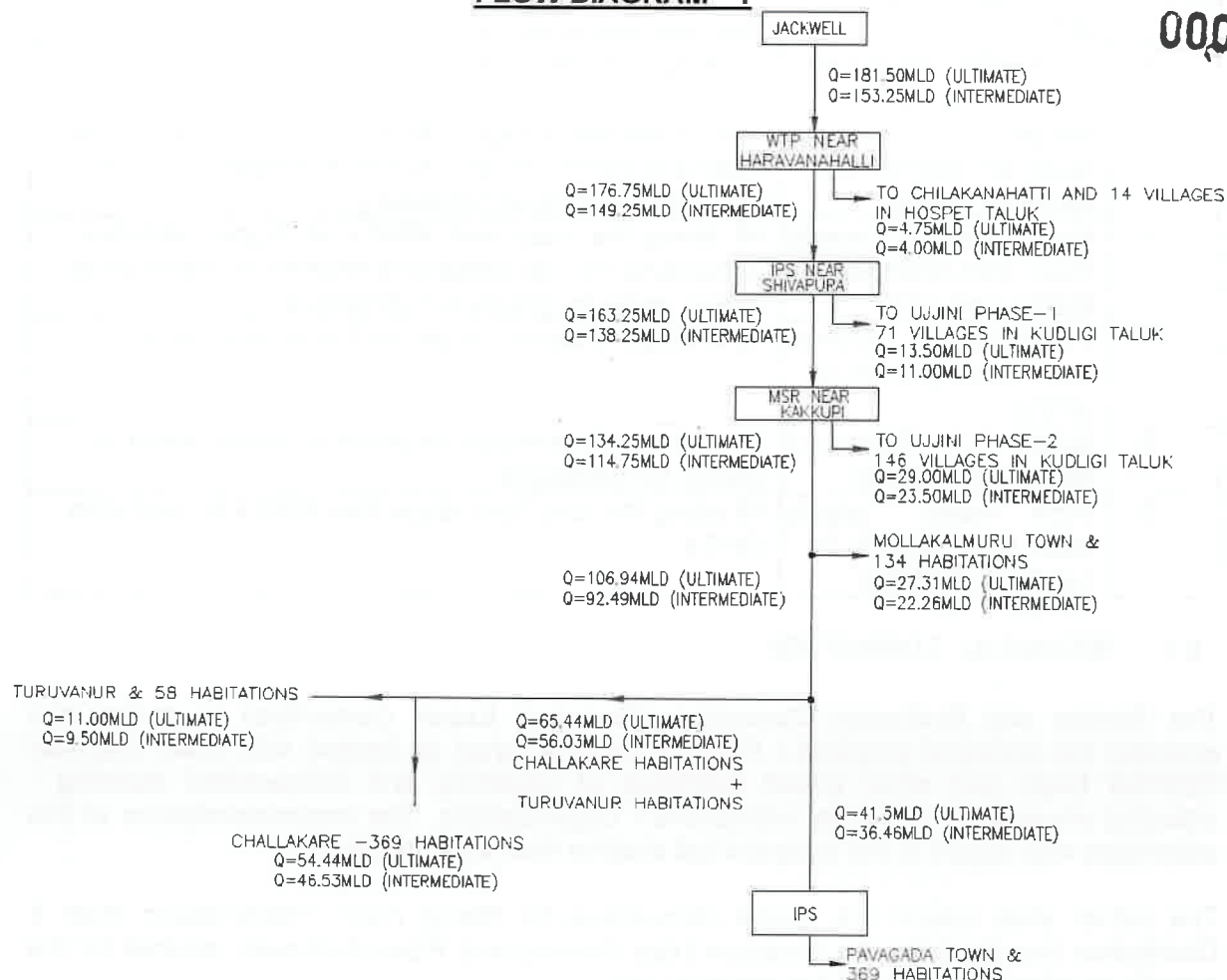
FIGURE - 3
TENTATIVE LAYOUT PLAN OF PROPOSED
MULTI VILLAGE WATER SUPPLY SCHEME



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FLOW DIAGRAM - 1

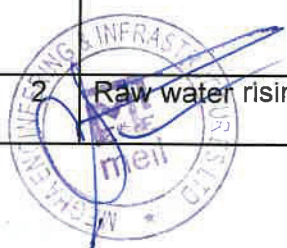
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**7.0 SECURING OF LAND:**

The project structures i.e. intake structure cum pumping station, WTP, clear water storage tank, master storage reservoir (MSR), intermediate pumping stations, lifting stations, MBRs ZBTs etc. may be located on available government land and if bidder proposes alternative, suitable land has to be secured by Contractor only at his own cost. The lands secured by the Contractor from private sources shall be registered in the name of the respective gram panchayats only before starting the work. The Contractor shall secure in-principle agreement from land owners to sell the land. The value of lands shall not be higher than latest Guidance Value (fixed by GOK) plus 50%. it is the responsibility of Contractor to obtain available govt land, right of way / right of use permission from land owners and other Govt. agencies.

The tentative locations identified by RDW&SD, subject to final feasibility / acceptance by bidder with the flexibility to choose alternative sites with minimum land acquisition and cost economics keeping future O&M perspective is given below.

Sl. No.	Component	Tentative Place
1	Headworks	In the backwaters of Tungabhadra Reservoir near Hospet at a suitable location to draw water from below MDDL of Tungabhadra Reservoir (adjacent to NH-13 near existing tunnel).
2	Raw water rising main	All along the road up to WTP site in Hospet Taluk in Bellary District



Sl. No.	Component	Tentative Place
3	WTP	Near Haravanahalli village.
4	Pure water rising main from WTP to MBRs	All along the main roads
5	Master storage reservoir (MSR) with Boosting Station	Near Kakkuppi village adjacent to SH-2 for further feeding to MBRs serving cluster of villages by gravity and local boosting as necessary.
6	Pure water gravity main from MSR up to MBR's and LS's	All along the road and MBR's at higher altitudes comprising 15 - 18 habitations depend on elevation to deliver water by gravity to habitations
7	Intermediate Sumps and Pumping Stations (IPS's)	At strategic locations as per hydraulic requirement
8	Master Balancing Reservoirs (MBRs)	At strategically elevated locations to deliver water by gravity to habitations
9	Pure water gravity main from MBR's to habitations OHT's	All along the road from respective MBR's to habitation OHT's

8.0 TECHNICAL COMMITTEE

The Review and Evaluation Committee (Technical Expert Committee) to review and evaluate the technical proposal / PSR / Evaluation shall be formed with Chief Engineer RDW&S Dept. and other expert members of credibility and independent standing - including experts from Premier Institutions / Organizations. The recommendations of this committee with regard to the technical bid shall be final and binding.

The bidder shall submit the model calculations for Rising main, Transmission main & Distribution line depicting the Pressure Loss incurred and Pipes thickness required for the specific conditions along with the technical bid.

9.0 SITE VISIT BY BIDDERS

It is essential to visit all the probable / feasible site locations by bidder and to produce documentary evidence having visited all the proposed locations.

10.0 PROPOSED SERVICE LEVEL

The present service level and the source has been mentioned in the population list and as per Karnataka Government's Cabinet decision, it is proposed to provide 85 lpcd water for habitations and 135 lpcd for towns.

The list of habitations with population and water demand is given in enclosed **Annexure - 1**.



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ANNEXURE - 1

PROJECTED POPULATION AND WATER DEMAND FOR PROJECT VILLAGES / HABITATIONS IN EACH PROJECT TALUK AND PAVAGADA, MOLKALMURU TOWNS FOR DESIGN

Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
A) Pavagada Taluk:						
1	Arasikere	3522	3955	85	0.36	0.40
2	Kalarajanahally	545	612	85	0.06	0.06
3	Kamanahatty	465	522	85	0.05	0.05
4	Kondapura	466	523	85	0.05	0.05
5	Budasanahally	248	278	85	0.03	0.03
6	Budasanahally A.K.C.	233	262	85	0.02	0.03
7	J. Hosahally	529	601	85	0.05	0.06
8	Jangamarahally	1137	1277	85	0.12	0.13
9	Jangamarahally, G. Hatti	924	1037	85	0.09	0.11
10	Maroor	693	778	85	0.07	0.08
11	Thumakunte	687	771	85	0.07	0.08
12	B.K. Hally	3156	3544	85	0.32	0.36
13	Dalavaihally	31	34	85	0.00	0.00
14	K. Sevalalapura	1229	1380	85	0.13	0.14
15	Kyathaganakere	1221	1371	85	0.12	0.14
16	Kyathaganakere Thanda	154	173	85	0.02	0.02
17	Madlerahally	201	226	85	0.02	0.02
18	Thimmammanahally	2469	2773	85	0.25	0.28
19	Vaddarevu	545	612	85	0.06	0.06
20	Budibetta	1487	1670	85	0.15	0.17
21	Rachamaranahally	692	777	85	0.07	0.08
22	Saravatapura	338	406	85	0.03	0.04
23	Saravatapura A.K.C.	135	162	85	0.01	0.02
24	Yarammanahally	881	989	85	0.09	0.10
25	Yathenahally	1004	1128	85	0.10	0.12
26	Yathenahally J.H.C.	133	149	85	0.01	0.02
27	Byadanur	2652	2978	85	0.27	0.30
28	Byadanur, Doddahatti	582	653	85	0.06	0.07
29	Byadanur, G.Hatti	814	914	85	0.08	0.09
30	Byadanur, Vaddarahatti	582	653	85	0.06	0.07
31	Gundarlhally	1513	1699	85	0.15	0.17
32	Maddibande	688	773	85	0.07	0.08
33	Kotabande	473	557	85	0.05	0.06
34	Aladamaradahatti	354	401	85	0.04	0.04
35	K. Gollarahatti	354	401	85	0.04	0.04
36	K. Hosahatti	237	268	85	0.02	0.03
37	Krishnagiri	674	762	85	0.07	0.08
38	Beemakunte Cross	116	130	85	0.01	0.01
39	Beemanakunte	1210	1359	85	0.12	0.14
40	Chikkahally	1579	1773	85	0.16	0.18
41	Chikkahally A.K.C.	123	138	85	0.01	0.01
42	Chikkahally Cross	96	108	85	0.01	0.01
43	Chikkahally J.H.C.	81	90	85	0.01	0.01
44	Chikkahally Thanda	185	208	85	0.02	0.02
45	Doddahalli Cross	140	158	85	0.01	0.02
46	Doddahally	1397	1569	85	0.14	0.16
47	K. Rampura / Hanumabetta	894	1004	85	0.09	0.10
48	Nagalapura	1078	1211	85	0.11	0.12
49	Nagalapura A.K.C.	220	247	85	0.02	0.03
50	Nagalapura Bovi Colony	229	258	85	0.02	0.03
51	Nagalapura Cross	233	262	85	0.02	0.03



Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
52	Nagalapura Kumbarahatti	117	132	85	0.01	0.01
53	Thimmammanakunte	711	799	85	0.07	0.08
54	C.K. Pura	2852	3203	85	0.29	0.33
55	Channasagarahatti	232	260	85	0.02	0.03
56	Devarahatti	232	260	85	0.02	0.03
57	Uddandappanapalya	465	522	85	0.05	0.05
58	Hariharapura	1504	1689	85	0.15	0.17
59	Hanumasagara	150	169	85	0.02	0.02
60	Kottur	2363	2654	85	0.24	0.27
61	Kottur J.H.C.	233	262	85	0.02	0.03
62	Santhebande	171	192	85	0.02	0.02
63	T.N. Kote	725	814	85	0.07	0.08
64	T.N. Kote J.H.C	188	211	85	0.02	0.02
65	Dommathamari	2667	2995	85	0.27	0.31
66	Dommathamari J.H.C.	295	332	85	0.03	0.03
67	Murarayanahally	959	1077	85	0.10	0.11
68	Akkammanahally	1026	1152	85	0.10	0.12
69	Bodarahally	1308	1469	85	0.13	0.15
70	Chinnammareddyhalli	1116	1254	85	0.11	0.13
71	Gummagatta	1900	2133	85	0.19	0.22
72	J. Achammanahalli	2776	3117	85	0.28	0.32
73	Megalapalya	1465	1645	85	0.15	0.17
74	Megalapalya A.K.C.	478	537	85	0.05	0.05
75	Megalapalya Thanda	698	784	85	0.07	0.08
76	Ballenahally	1427	1603	85	0.15	0.16
77	Kothamma Ramakrishnapura	237	266	85	0.02	0.03
78	Thippaganahalli	963	1081	85	0.10	0.11
79	Davadabetta	1691	1899	85	0.17	0.19
80	Davadabetta Thanda	538	604	85	0.05	0.06
81	A.H. Palya	445	500	85	0.05	0.05
82	C.H. Palya	248	278	85	0.03	0.03
83	C.R. Palya	432	485	85	0.04	0.05
84	Gujjanadu	1841	2067	85	0.19	0.21
85	Gujjanadu A.K.C.	349	392	85	0.04	0.04
86	Bommanahatti	45	51	85	0.00	0.01
87	Jogarahatti	163	185	85	0.02	0.02
88	Konanakurike	1423	1613	85	0.15	0.16
89	Chinnammanahally	701	789	85	0.07	0.08
90	Chinnammanahally Bovi Colony	116	131	85	0.01	0.01
91	Chithappanahatti	116	131	85	0.01	0.01
92	Gowdakaranahatti	233	262	85	0.02	0.03
93	Mutharayanahatti	233	262	85	0.02	0.03
94	T.N. Betta	2295	2582	85	0.23	0.26
95	Yarrammanahatti	585	658	85	0.06	0.07
96	Buddareddyhalli	721	810	85	0.07	0.08
97	Bommaganahalli	525	594	85	0.05	0.06
98	Bupoor	639	723	85	0.07	0.07
99	Bupoor Thanda	256	289	85	0.03	0.03
100	D.N. Thanda	155	176	85	0.02	0.02
101	Kamanadurga J.H.C.	112	126	85	0.01	0.01
102	Kamandurga	136	155	85	0.01	0.02
103	Kamandurga A.K.C.	175	198	85	0.02	0.02
104	Nelammanahalli A.K.C.	325	368	85	0.03	0.04
105	Nilammanahalli	955	1082	85	0.10	0.11
106	Papaiahna Roppa	150	170	85	0.02	0.02
107	Meenakuntanahally	941	1056	85	0.10	0.11



Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
108	Rampet	919	1032	85	0.09	0.11
109	Suranayakanahalli A.K.C.	950	1067	85	0.10	0.11
110	Suranayakanahalli, G. Hatti	626	703	85	0.06	0.07
111	Suranayakanahally	1125	1263	85	0.11	0.13
112	Chittaganahally	865	971	85	0.09	0.10
113	Chittaganahally Akc	233	262	85	0.02	0.03
114	Devaiahnapalya	481	540	85	0.05	0.06
115	Hanumaiahnapalya	516	580	85	0.05	0.06
116	Kannamed	1321	1484	85	0.13	0.15
117	Kattalepalya	699	785	85	0.07	0.08
118	Kurubarapalya	874	981	85	0.09	0.10
119	Killarlahally	1254	1408	85	0.13	0.14
120	Killarlahally Thanda	553	621	85	0.06	0.06
121	Obenahally	192	215	85	0.02	0.02
122	Veeralagondi	1800	2021	85	0.18	0.21
123	Veeralagondi Ghc	279	314	85	0.03	0.03
124	Kadapalakere	1473	1654	85	0.15	0.17
125	Arekyathanahally	925	1038	85	0.09	0.11
126	Kotagudda	3115	3498	85	0.32	0.36
127	Kotagudda Akc	314	352	85	0.03	0.04
128	Kotagudda Jhc	314	352	85	0.03	0.04
129	Madlerahally	48	53	85	0.00	0.01
130	Shailapura	2485	2791	85	0.25	0.28
131	Shailapura Akc	188	211	85	0.02	0.02
132	Shailapura Jhc	464	521	85	0.05	0.05
133	Bommanagathihally	79	89	85	0.01	0.01
134	Devalakere	1032	1159	85	0.11	0.12
135	Kariyajjanapalya	192	215	85	0.02	0.02
136	Ramaiahnapalya	431	484	85	0.04	0.05
137	K.T. Halli, G.Hatti	342	384	85	0.03	0.04
138	K.T. Hally	3748	4209	85	0.38	0.43
139	Kariyammana Palya	351	395	85	0.04	0.04
140	Mugadalabetta	1987	2232	85	0.20	0.23
141	Mugadalabetta J.H.C.	227	255	85	0.02	0.03
142	Siddappanakatte	57	64	85	0.01	0.01
143	Karekyathanahally	1401	1690	85	0.14	0.17
144	Karekyathanahally Jhc	328	396	85	0.03	0.04
145	Kenchappanapalya	370	446	85	0.04	0.05
146	Madde	1449	1628	85	0.15	0.17
147	Madde Jhc	343	385	85	0.03	0.04
148	Mangalavada	3949	4435	85	0.40	0.45
149	Mangalavada Gollarahatti	278	312	85	0.03	0.03
150	V.H. Palya	465	522	85	0.05	0.05
151	V.H. Palya Jhc	232	260	85	0.02	0.03
152	Uddaghatta	672	827	85	0.07	0.08
153	B. Hosahally	2080	2398	85	0.21	0.24
154	Kulumehalli	246	284	85	0.03	0.03
155	Hanumanthanahally	1083	1217	85	0.11	0.12
156	Hanumanthanahally Jhc	289	325	85	0.03	0.03
157	Katikyathanahally	795	895	85	0.08	0.09
158	Katikyathanahally Akc	264	297	85	0.03	0.03
159	Maridasanahally	2491	2971	85	0.25	0.30
160	Maridasanahally Jhc	453	541	85	0.05	0.06
161	Thippainadurga	874	981	85	0.09	0.10
162	Thippainadurga Akc	351	395	85	0.04	0.04
163	Thippainadurga G. Hatti	220	247	85	0.02	0.03



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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
164	Gyadikunte	976	1096	85	0.10	0.11
165	Nagalamadike	974	1093	85	0.10	0.11
166	Nagalamadike Akc	434	488	85	0.04	0.05
167	Nagalamadike Jhc	113	127	85	0.01	0.01
168	Pendiljeevi	948	1083	85	0.10	0.11
169	M. M. Thanda	241	277	85	0.02	0.03
170	Srirangapura	1387	1595	85	0.14	0.16
171	Srirangapura Akc	100	115	85	0.01	0.01
172	Srirangapura Jhc	242	278	85	0.02	0.03
173	Thapaganadoddi	1281	1439	85	0.13	0.15
174	Upparahalli	1065	1196	85	0.11	0.12
175	Upparahalli Jhc	287	322	85	0.03	0.03
176	Upparahalli Thanda	221	248	85	0.02	0.03
177	Balamannahally	821	922	85	0.08	0.09
178	Balamannahally Thanda	515	578	85	0.05	0.06
179	Arlahalli	472	530	85	0.05	0.05
180	D. Gollarahatti	233	262	85	0.02	0.03
181	Devarabetta	536	601	85	0.05	0.06
182	Devarabetta Jhc	437	490	85	0.04	0.05
183	Maradipalya	547	614	85	0.06	0.06
184	Dandapalya	581	652	85	0.06	0.07
185	Gundlahally	617	693	85	0.06	0.07
186	Yerapalya	1490	1673	85	0.15	0.17
187	Kurubarahally	950	1067	85	0.10	0.11
188	Nalliganahally	1721	1933	85	0.18	0.20
189	Palakunte	271	304	85	0.03	0.03
190	Gollanakunte	417	469	85	0.04	0.05
191	Gujarahalli	465	522	85	0.05	0.05
192	Kadirehalli	815	915	85	0.08	0.09
193	S.R. Palya	2677	3006	85	0.27	0.31
194	Hottebommanahalli	1265	1421	85	0.13	0.14
195	Kodagihalli	909	1021	85	0.09	0.10
196	Kodagihally Bovicolony	328	369	85	0.03	0.04
197	Kodagihally Jhc	255	286	85	0.03	0.03
198	Mummudisagara	54	60	85	0.01	0.01
199	Nidagallu	477	536	85	0.05	0.05
200	Barmaiahnapalya	56	63	85	0.01	0.01
201	Chikkathimmanahatti	1164	1307	85	0.12	0.13
202	Devarayanaroppa	267	300	85	0.03	0.03
203	Nyayadagunte	1342	1507	85	0.14	0.15
204	Rangappanahalli	44	49	85	0.00	0.00
205	Thimmalapura	113	127	85	0.01	0.01
206	Dasarammanahalli	566	650	85	0.06	0.07
207	Dasarammanahalli Thanda	238	274	85	0.02	0.03
208	Hosahalli	833	936	85	0.08	0.10
209	Hosahalli Jhc	105	118	85	0.01	0.01
210	Hosahalli Tanda	382	429	85	0.04	0.04
211	Kenchaganahalli	256	288	85	0.03	0.03
212	Kenchaganahalli Akc	201	226	85	0.02	0.02
213	Kenchaganahalli G. Hatti	205	230	85	0.02	0.02
214	Palavalli	2658	2985	85	0.27	0.30
215	Palavalli Jhc	572	643	85	0.06	0.07
216	Palavalli Thanda	954	1071	85	0.10	0.11
217	Thimmapura	374	422	85	0.04	0.04
218	Veerammanahalli	495	556	85	0.05	0.06
219	Veerammanahalli Akc	201	226	85	0.02	0.02

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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
220	Veerammanahalli Thanda	543	610	85	0.06	0.06
221	B. Acchammanahalli	1819	2043	85	0.19	0.21
222	Gangasagara	1283	1441	85	0.13	0.15
223	Gangasagara Jhc	162	182	85	0.02	0.02
224	Kanikalabande	566	636	85	0.06	0.06
225	Kumarahalli	670	775	85	0.07	0.08
226	Ponnasamudra	2644	2969	85	0.27	0.30
227	Ponnasamudra Akc	189	212	85	0.02	0.02
228	Ponnasamudra Jhc	349	392	85	0.04	0.04
229	Singareddihalli	1174	1318	85	0.12	0.13
230	Singareddihalli Jhc	229	258	85	0.02	0.03
231	Thalemaradahalli	738	829	85	0.08	0.08
232	Dalavayihalli	1691	1899	85	0.17	0.19
233	Dalavayihalli G. Hatti	411	462	85	0.04	0.05
234	Hosadurga	1715	1926	85	0.17	0.20
235	Kunihalli	210	236	85	0.02	0.02
236	Kunihalli Jhc	140	158	85	0.01	0.02
237	R.D. Roppa	932	1047	85	0.10	0.11
238	Indrabetta	1163	1306	85	0.12	0.13
239	Pothaganahally	1757	1973	85	0.18	0.20
240	Pothaganahally Jhc	254	285	85	0.03	0.03
241	B.N. Betta	434	488	85	0.04	0.05
242	Chikkanayakanahalli	963	1081	85	0.10	0.11
243	Chikkanayakanahalli Thanda	140	158	85	0.01	0.02
244	Iwarlahalli	331	371	85	0.03	0.04
245	Kanivenahalli	2723	3058	85	0.28	0.31
246	Kanivenahalli Thanda	172	193	85	0.02	0.02
247	Medihalli	376	422	85	0.04	0.04
248	Nayakarahatti	407	458	85	0.04	0.05
249	R. Hosakote	1598	1795	85	0.16	0.18
250	Rajavanti	1646	1953	85	0.17	0.20
251	Rajavanti Jhc	267	317	85	0.03	0.03
252	Bellibattlu	2089	2345	85	0.21	0.24
253	Giddaiahna Roppa	131	147	85	0.01	0.01
254	Doddenahalli	494	555	85	0.05	0.06
255	Doddenahalli Akc	183	206	85	0.02	0.02
256	Kashipura	143	181	85	0.01	0.02
257	Karanaganahatti	698	784	85	0.07	0.08
258	Karanaganahatti Akc	229	258	85	0.02	0.03
259	Karanaganahatti Cross	116	130	85	0.01	0.01
260	Karanaganahatti G. Hatti	251	282	85	0.03	0.03
261	Oblapura	1485	1667	85	0.15	0.17
262	Oblapura Gollarahatti	251	282	85	0.03	0.03
263	Rangasamudra	2930	3291	85	0.30	0.34
264	Rangasamudra Akc	333	374	85	0.03	0.04
265	Rangasamudra Jhc	305	343	85	0.03	0.03
266	Aralikunte	612	688	85	0.06	0.07
267	Byrapura	228	256	85	0.02	0.03
268	Byrapura Gate	31	34	85	0.00	0.00
269	Bommattanahalli	935	1049	85	0.10	0.11
270	Gorasmavu	1121	1259	85	0.11	0.13
271	Kadamalakunte	2187	2456	85	0.22	0.25
272	Kadamalakunte Thanda	113	127	85	0.01	0.01
273	Kodamadagu	1803	2025	85	0.18	0.21
274	Denabai Thanda	81	90	85	0.01	0.01
275	Hulibetta Thanda	371	416	85	0.04	0.04

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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
276	Nalladigalabande	672	755	85	0.07	0.08
277	Roppa	1723	1934	85	0.18	0.20
278	Roppa Thanda	426	478	85	0.04	0.05
279	T.N. Pete	519	582	85	0.05	0.06
280	Sunkarlakunte	695	781	85	0.07	0.08
281	Bugadoor	928	1064	85	0.09	0.11
282	Bugadoor Jhc	492	564	85	0.05	0.06
283	Husenpura	1008	1132	85	0.10	0.12
284	Husenpura Akc	342	384	85	0.03	0.04
285	Husenpura Jhc	287	322	85	0.03	0.03
286	Indira Nagara	1199	1523	85	0.12	0.16
287	Appajihalli	938	1054	85	0.10	0.11
288	Nagenahalli	736	826	85	0.08	0.08
289	Nagenahalli Jhc	137	153	85	0.01	0.02
290	Nagenahalli Thanda	304	341	85	0.03	0.03
291	Reddivarlahalli	571	641	85	0.06	0.07
292	Ryapte	772	867	85	0.08	0.09
293	Ryapte Jhc	201	226	85	0.02	0.02
294	Yerabanchi Cross	17	19	85	0.00	0.00
295	Jadenahalli	156	182	85	0.02	0.02
296	Basavanahalli	352	398	85	0.04	0.04
297	Basavanahalli Akc	240	271	85	0.02	0.03
298	Kenchammanahalli	1166	1318	85	0.12	0.13
299	Kenchammanahalli G. Hatti	825	932	85	0.08	0.10
300	Megalahatti	117	133	85	0.01	0.01
301	Pennobanahalli	1008	1132	85	0.10	0.12
302	Pennobanahalli G. Hatti	133	149	85	0.01	0.02
303	Pennobanahalli Akc	239	269	85	0.02	0.03
304	Polenahalli	377	423	85	0.04	0.04
305	Polenahalli Akc	249	279	85	0.03	0.03
306	Polenahalli Jhc	151	170	85	0.02	0.02
307	Mallammanahalli	1008	1132	85	0.10	0.12
308	Mallammanahalli G. Hatti	88	99	85	0.01	0.01
309	Sasalukunte	1928	2165	85	0.20	0.22
310	Sasalukunte Akc	476	534	85	0.05	0.05
311	Sasalukunte Jhc	287	322	85	0.03	0.03
312	Gowdathimmanahalli	804	903	85	0.08	0.09
313	Gowdathimmanahalli Akc	237	266	85	0.02	0.03
314	Chikkajalodu	573	644	85	0.06	0.07
315	Jalodu	2172	2439	85	0.22	0.25
316	Marammanahalli	732	822	85	0.07	0.08
317	Marammanahalli Akc	373	419	85	0.04	0.04
318	Surappana Colony	38	42	85	0.00	0.00
319	Siddapura	1366	1534	85	0.14	0.16
320	Y.N. Halli	1630	1830	85	0.17	0.19
321	Annadanapura	264	303	85	0.03	0.03
322	Annadanapura Jhc	99	114	85	0.01	0.01
323	R. Achammanahally	1266	1422	85	0.13	0.15
324	Rayacharlu Kona	94	105	85	0.01	0.01
325	Rayacherlu	1992	2237	85	0.20	0.23
326	Rayacherlu Jhc	79	89	85	0.01	0.01
327	Thirumani	2845	3195	85	0.29	0.33
328	Kyathaganahalli	1244	1522	85	0.13	0.16
329	Kyathaganahalli Bovi Colony	425	521	85	0.04	0.05
330	Kyathaganahalli G. Hatti	339	415	85	0.03	0.04
331	Muddaganahally	750	843	85	0.08	0.09



Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
332	Lingadahally	2102	2361	85	0.21	0.24
333	Lingadahally Cross	185	208	85	0.02	0.02
334	Lingadahally G. Hatti	77	86	85	0.01	0.01
335	Lingadahally Jhc	190	214	85	0.02	0.02
336	Lingadahally Julappainapalya	630	707	85	0.06	0.07
337	Lingadahally Phc	228	256	85	0.02	0.03
338	Vadanakallu	1692	1900	85	0.17	0.19
339	Vadanakallu G. Hatti	232	260	85	0.02	0.03
340	Vadanakallu Navagrama	267	300	85	0.03	0.03
341	J. Ranganathapura	1547	1967	85	0.16	0.20
342	Jajurayanahally	227	255	85	0.02	0.03
343	Jajurayanahally Thanda	195	219	85	0.02	0.02
344	Krishnapura	582	653	85	0.06	0.07
345	Madurayanapalya	656	737	85	0.07	0.08
346	Neralekunte	373	419	85	0.04	0.04
347	Sreenivasapura	1048	1177	85	0.11	0.12
348	Venkatapura	2994	3362	85	0.31	0.34
349	Venkatapura Jhc	381	427	85	0.04	0.04
350	Venkatapura Weavers Colony	287	322	85	0.03	0.03
351	Gowdehatti	1612	1810	85	0.16	0.18
352	Basavanahalli	200	225	85	0.02	0.02
353	Gangavara	875	982	85	0.09	0.10
354	Kanakapura	572	643	85	0.06	0.07
355	Macharajanahally	871	1048	85	0.09	0.11
356	Gollarahatti	85	96	85	0.01	0.01
357	Natgalapura	455	511	85	0.05	0.05
358	Virupasamudra	1370	1539	85	0.14	0.16
359	Virupasamudra Akc	149	167	85	0.02	0.02
360	Kyathaganacherlu	1100	1236	85	0.11	0.13
361	Venkatammanahalli	1724	1936	85	0.18	0.20
362	Venkatammanahally Jhc	421	473	85	0.04	0.05
363	Venkatammanahally New Jhc	157	177	85	0.02	0.02
364	Ballasamudra	768	884	85	0.08	0.09
365	Ballasamudra Akc	375	431	85	0.04	0.04
366	Inturayanahalli	1707	1964	85	0.17	0.20
367	Vollur	1153	1295	85	0.12	0.13
368	Vollur Jhc	572	643	85	0.06	0.07
369	Y.N. Hosakote	15456	17357	85	1.58	1.77
Sub Total for Pavagada Taluk =		295091	333137		30.10	33.98
B) Challakere Taluk:						
1	Abbenahalli	585	668	85	0.06	0.07
2	Chowlakere	305	343	85	0.03	0.03
3	Koradihalli	574	695	85	0.06	0.07
4	Maleboranahatti	124	151	85	0.01	0.02
5	Mustalagummi	160	184	85	0.02	0.02
6	Tore Kolammnahalli	506	569	85	0.05	0.06
7	Guntakolammnahalli	2017	2564	85	0.21	0.26
8	Banjigere	2244	2519	85	0.23	0.26
9	Bedareddy Halli	2269	2548	85	0.23	0.26
10	Chikkahalli	2069	2324	85	0.21	0.24
11	Belagere	1951	2191	85	0.20	0.22
12	Belagere Kaval	125	158	85	0.01	0.02
13	Narayanapura	1657	2106	85	0.17	0.21
14	Ranganathapura	455	578	85	0.05	0.06
15	Gerlathu	1791	2195	85	0.18	0.22
16	Gollur Shakti-Badavane	714	874	85	0.07	0.09



Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
17	Hulikunte	2445	3108	85	0.25	0.32
18	Hulikunte Gollarahati	953	1211	85	0.10	0.12
19	Hulikunte Bowicolony	382	485	85	0.04	0.05
20	Jali Gollarahati	274	348	85	0.03	0.04
21	Kalamarahalli	1013	1137	85	0.10	0.12
22	Yelavarahatty	214	240	85	0.02	0.02
23	Kyathanamale	1065	1196	85	0.11	0.12
24	Narayanapura 2	1365	1533	85	0.14	0.16
25	Siddeshwara Badavane	255	299	85	0.03	0.03
26	Budnahatti	773	902	85	0.08	0.09
27	Kerehindalahatty	241	281	85	0.02	0.03
28	Lambanihatty	900	1050	85	0.09	0.11
29	Maradihatty	330	385	85	0.03	0.04
30	Srikrishnanagara	1198	1398	85	0.12	0.14
31	Duggavara	3520	4344	85	0.36	0.44
32	Kolapaladevarahatty	79	98	85	0.01	0.01
33	Kerehindalahatti	517	605	85	0.05	0.06
34	Borappanahatty	367	464	85	0.04	0.05
35	Hosur Thanda	447	565	85	0.05	0.06
36	Ramjihatty	286	361	85	0.03	0.04
37	Veeradimmanahalli	4475	5657	85	0.46	0.58
38	Channammanagathihalli	2182	2477	85	0.22	0.25
39	Rajeevanagara	183	206	85	0.02	0.02
40	Chattekamba	1447	1683	85	0.15	0.17
41	Dyavarannahalli	541	663	85	0.06	0.07
42	Halagondanahalli	1486	1757	85	0.15	0.18
43	Mathsamudra	1947	2277	85	0.20	0.23
44	Purlalli	1309	1470	85	0.13	0.15
45	Chowlur	3644	4294	85	0.37	0.44
46	Chowlur Kaval	30	34	85	0.00	0.00
47	Malligi Kapile	123	142	85	0.01	0.01
48	Basaveshwaracolony	671	852	85	0.07	0.09
49	Jagajeevan Ram Colony	458	582	85	0.05	0.06
50	Laxmi Narasimha Colony	646	821	85	0.07	0.08
51	Ganjurgunte	2212	2484	85	0.23	0.25
52	Suranahally	2550	2863	85	0.26	0.29
53	Vishwanathapura	31	34	85	0.00	0.00
54	Bhoganahalli	3367	4268	85	0.34	0.44
55	Bukkambudi	1501	1766	85	0.15	0.18
56	Devareddy Halli	1440	1678	85	0.15	0.17
57	Devarahalli	1353	1533	85	0.14	0.16
58	Gowrasamudra Kaval	304	357	85	0.03	0.04
59	Mallasamudra	993	1136	85	0.10	0.12
60	Bomberahalli	1247	1520	85	0.13	0.16
61	Devara Marikunte	2597	2917	85	0.26	0.30
62	Gollarahatty	355	399	85	0.04	0.04
63	Hosahatty	171	192	85	0.02	0.02
64	Kasturithimmanahalli	827	929	85	0.08	0.09
65	Nallurahalli	385	475	85	0.04	0.05
66	Vaderahalli	1559	1908	85	0.16	0.19
67	Kurumaradi	19	24	85	0.00	0.00
68	Yalagatta	3148	3940	85	0.32	0.40
69	Yalagatta Hale Gollarahatti	792	991	85	0.08	0.10
70	Yalagatta Hosa Gollarahatti	193	242	85	0.02	0.02
71	Mittlakatte	3368	4270	85	0.34	0.44
72	Pinnarahatti	2306	2713	85	0.24	0.28



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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
73	Yarrasiddaiahnahatti	2213	2531	85	0.23	0.26
74	Metlagere	416	487	85	0.04	0.05
75	Chikka Challur	2577	3156	85	0.26	0.32
76	Dodda Beeranahalli	1895	2128	85	0.19	0.22
77	Honniahana Koppa	697	782	85	0.07	0.08
78	Kamari Kaple	300	337	85	0.03	0.03
79	Siradar Kaple	223	251	85	0.02	0.03
80	Dodda Challur	2865	3217	85	0.29	0.33
81	Doddajana Kapile	143	160	85	0.01	0.02
82	Palanethrapura	426	478	85	0.04	0.05
83	Shanthipura	111	125	85	0.01	0.01
84	Gowdarahatti	747	950	85	0.08	0.10
85	Chikkaullarhi	400	509	85	0.04	0.05
86	Megalahatti	1162	1477	85	0.12	0.15
87	Doddaullarhi	5704	6584	85	0.58	0.67
88	Gowdarahatti	91	107	85	0.01	0.01
89	Janamanahally	203	240	85	0.02	0.02
90	Kaluve Halli	502	592	85	0.05	0.06
91	Kelagalahatti	41	48	85	0.00	0.00
92	Ullavarthi Kaval	136	157	85	0.01	0.02
93	Agasarakaple	687	797	85	0.07	0.08
94	B. Lambanihatti	378	438	85	0.04	0.04
95	Bharamsagara	2590	3005	85	0.26	0.31
96	Bomsamudra	2896	3576	85	0.30	0.36
97	Dodderi	1919	2193	85	0.20	0.22
98	Dodderi Gollarahatti	1136	1298	85	0.12	0.13
99	Kenchaveeranahalli	1106	1264	85	0.11	0.13
100	Upparatti	1742	1991	85	0.18	0.20
101	Kenchaveeranahalli Gollarahatti	68	79	85	0.01	0.01
102	Banavegondanahalli	231	259	85	0.02	0.03
103	Channaganahalli	771	910	85	0.08	0.09
104	Channaganahally L.Hatty	660	778	85	0.07	0.08
105	Ajjanahalli	666	793	85	0.07	0.08
106	Ghattaparthi	5784	6887	85	0.59	0.70
107	Honnur	4073	4849	85	0.42	0.49
108	Marammanahally	533	635	85	0.05	0.06
109	Valase	1296	1539	85	0.13	0.16
110	Valase L.Hatty	349	415	85	0.04	0.04
111	Adavi Chikkenahalli	1836	2260	85	0.19	0.23
112	Gollarahatti	272	335	85	0.03	0.03
113	Gopanahalli	3869	4344	85	0.39	0.44
114	Mummadisagara	349	392	85	0.04	0.04
115	Srikrishnagiri	183	206	85	0.02	0.02
116	Yadavanagar	195	219	85	0.02	0.02
117	Reddy Halli	2839	3484	85	0.29	0.36
118	Gowdgera	1743	2043	85	0.18	0.21
119	Hosajogihati	528	619	85	0.05	0.06
120	Jogihatti	3304	3932	85	0.34	0.40
121	Kavalahalli	830	932	85	0.08	0.10
122	Mallurahatti	1516	1703	85	0.15	0.17
123	Bande Thimlapura	2779	3461	85	0.28	0.35
124	Doddanagaiahnahatti	162	202	85	0.02	0.02
125	Kutlarahatti	31	39	85	0.00	0.00
126	Gollarahatti	155	178	85	0.02	0.02
127	Gowrasamudra Kaval	193	223	85	0.02	0.02
128	Hosur	255	294	85	0.03	0.03



Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
129	Beldarahatti	353	407	85	0.04	0.04
130	Gowrsamudra	3555	4098	85	0.36	0.42
131	Hanumanthanahalli	2453	2777	85	0.25	0.28
132	Obannanahalli	2863	3325	85	0.29	0.34
133	Obannanahalli Kaval	318	370	85	0.03	0.04
134	Buklarahalli	895	1137	85	0.09	0.12
135	Bandekatte	138	161	85	0.01	0.02
136	Butter Kapile	132	153	85	0.01	0.02
137	Hirehalli	10041	11685	85	1.02	1.19
138	Kakiboranahalli	295	343	85	0.03	0.03
139	Palanayakanakote	981	1141	85	0.10	0.12
140	Rudrammanahalli	426	496	85	0.04	0.05
141	Jajur	6121	6873	85	0.62	0.70
142	Kamasamudra	2408	2704	85	0.25	0.28
143	Jajur Kaval	415	528	85	0.04	0.05
144	Kyatagondanahalli	1934	2235	85	0.20	0.23
145	Lakamagondanahalli	107	134	85	0.01	0.01
146	Nagagondanahalli	2118	2378	85	0.22	0.24
147	Bharamsagara	495	556	85	0.05	0.06
148	Dasaramuttenahalli	921	1034	85	0.09	0.11
149	Kamplisagara	162	182	85	0.02	0.02
150	Ballanayakanahati	218	253	85	0.02	0.03
151	M. Lambhanihati	237	277	85	0.02	0.03
152	Mallurahalli	6681	7782	85	0.68	0.79
153	Mugugoabaiahna Hatti	615	716	85	0.06	0.07
154	Myasarahatti	389	453	85	0.04	0.05
155	R.Lamganihati	671	754	85	0.07	0.08
156	Rekhalagere	1771	1989	85	0.18	0.20
157	Rekhalagere A.K.Colony	221	248	85	0.02	0.03
158	Rekhalagere G.Hatti	122	137	85	0.01	0.01
159	Rekhalagere L.Hatti	401	451	85	0.04	0.05
160	Rekhalagere Kaval	134	171	85	0.01	0.02
161	Kereyaghalahalli	1901	2134	85	0.19	0.22
162	Bhovicolony	645	749	85	0.07	0.08
163	Gagarani Cross	374	434	85	0.04	0.04
164	Hosahally	925	1073	85	0.09	0.11
165	K.T.Kapile	373	433	85	0.04	0.04
166	Kodihally	2300	2669	85	0.23	0.27
167	Mannekote	6934	8047	85	0.71	0.82
168	Thippaiahnakote Kaledahalli	670	752	85	0.07	0.08
169	Karikere	2830	3178	85	0.29	0.32
170	Kaldevarahatti	110	123	85	0.01	0.01
171	Meerasabhalli	2830	3178	85	0.29	0.32
172	Rangawwarahatti	2690	3159	85	0.27	0.32
173	Vidyappanakunte	1731	1965	85	0.18	0.20
174	Vishveshwarapura	905	1092	85	0.09	0.11
175	Chitrnanayakanahalli	3091	3684	85	0.32	0.37
176	Gudi Halli	1003	1256	85	0.10	0.13
177	Budi Halli	1047	1216	85	0.11	0.12
178	Mylanahali	2956	3433	85	0.30	0.35
179	Gollarahatti	167	192	85	0.02	0.02
180	Yadalagatta	2231	2568	85	0.23	0.26
181	Kudhapura	1186	1332	85	0.12	0.14
182	Kuriform	29	33	85	0.00	0.00
183	Manamyannahatti	2609	2973	85	0.27	0.30
184	N. Devarahalli	2746	3185	85	0.28	0.32



Superintending Engineer,
Rural Drinking Water & Sanitation Circle,
Bangalore.

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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
185	N.Gowripura	1041	1241	85	0.11	0.13
186	Lambanihati	459	515	85	0.05	0.05
187	N.Mahadevapura	1814	2037	85	0.19	0.21
188	Hottappanahalli	2668	3058	85	0.27	0.31
189	Hottappanahalli Gollarahatti	445	510	85	0.05	0.05
190	Nandapura	184	211	85	0.02	0.02
191	Solvent Colony	76	87	85	0.01	0.01
192	Laxmipura	1364	1618	85	0.14	0.17
193	Dasa Nayakana Hatti	382	485	85	0.04	0.05
194	Ganappanahatti	327	416	85	0.03	0.04
195	Nagaramgere	4045	5142	85	0.41	0.52
196	Naraharinagar	227	289	85	0.02	0.03
197	Siddapura	3474	4094	85	0.35	0.42
198	Gorlakatte	3007	3789	85	0.31	0.39
199	Imapura	814	952	85	0.08	0.10
200	Banagaradevarahatti	521	634	85	0.05	0.06
201	Bandihatti	964	1172	85	0.10	0.12
202	Bommadevarahatty	76	93	85	0.01	0.01
203	Chandragirihatti	212	258	85	0.02	0.03
204	Chikkakattarahatti	242	294	85	0.02	0.03
205	Deshappanahally	85	103	85	0.01	0.01
206	Doddakataiahnanahatty	92	112	85	0.01	0.01
207	Dorehatti	242	294	85	0.02	0.03
208	Ethinagowdarahatty	221	269	85	0.02	0.03
209	Gaddadarahatti	278	338	85	0.03	0.03
210	Jannenahally Thammai	141	171	85	0.01	0.02
211	Karekatatti	144	175	85	0.01	0.02
212	Kavalarahatti	299	363	85	0.03	0.04
213	Kuriboraiahnanahatty	129	157	85	0.01	0.02
214	Naklarahatti	234	285	85	0.02	0.03
215	Nannivala G.Hatty	132	160	85	0.01	0.02
216	Niglarahatti	265	322	85	0.03	0.03
217	Pataiah Gowdarahatti	110	134	85	0.01	0.01
218	Pethammarahatti	179	217	85	0.02	0.02
219	Pujara Palaiahnanahatti	353	429	85	0.04	0.04
220	Rathnagirihatti	265	322	85	0.03	0.03
221	Rayabarihatti	353	429	85	0.04	0.04
222	Todlarahatti	791	962	85	0.08	0.10
223	Tolubalaiahnanahatty	226	274	85	0.02	0.03
224	Udedarahatty	226	274	85	0.02	0.03
225	Varavinarahatti	533	648	85	0.05	0.07
226	Basaveshwara Nagara	48	59	85	0.00	0.01
227	Bosedevahatti	261	317	85	0.03	0.03
228	Channabasaiahnanahatti	2037	2477	85	0.21	0.25
229	Gangaiahnanahatti	120	146	85	0.01	0.01
230	Jaganoorahatti	1440	1751	85	0.15	0.18
231	Kondaiahnakapile	81	98	85	0.01	0.01
232	Madaiahnanagatti	678	825	85	0.07	0.08
233	Nayakanahatti	20704	25181	85	2.11	2.57
234	Bheemagondanahalli	797	919	85	0.08	0.09
235	Byiranayakanahatti	212	256	85	0.02	0.03
236	Gollahalli	1391	1768	85	0.14	0.18
237	Upparahatti A.K. Colony	1112	1414	85	0.11	0.14
238	Hirekerekahal	750	954	85	0.08	0.10
239	Nelagethanahatty	2941	3492	85	0.30	0.36
240	Doregalahatti	269	339	85	0.03	0.03



Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
241	Ramdurga	1472	1859	85	0.15	0.19
242	Sarajawanahally	906	1152	85	0.09	0.12
243	Bheemanakere	471	529	85	0.05	0.05
244	Katawwanahalli	1197	1490	85	0.12	0.15
245	Bathaiahnanahatti	562	632	85	0.06	0.06
246	Karthikenahatti	933	1048	85	0.10	0.11
247	Kurubara Hatti	682	766	85	0.07	0.08
248	Neralagunte	5213	5891	85	0.53	0.60
249	Yarramanachiahnahatti	194	219	85	0.02	0.02
250	Dasaragiddaiahnahatti	338	400	85	0.03	0.04
251	Keremunadalahatti	447	529	85	0.05	0.05
252	Maraiahnanahatti	357	422	85	0.04	0.04
253	Purichannaiahnahatti	384	455	85	0.04	0.05
254	Varavoo	3076	3639	85	0.31	0.37
255	Varavoo Kaval	131	167	85	0.01	0.02
256	Chikkabadi Halli	212	259	85	0.02	0.03
257	Dodda Badihalli	773	869	85	0.08	0.09
258	Donehalli	1074	1212	85	0.11	0.12
259	Donehally Kaval	156	176	85	0.02	0.02
260	Dasarahalli	345	388	85	0.04	0.04
261	Kodihatti	207	233	85	0.02	0.02
262	Oblapura /	4946	5554	85	0.50	0.57
263	Pathappanagudi	201	226	85	0.02	0.02
264	Ippareddy Halli	2496	2803	85	0.25	0.29
265	Nagannanapalya	249	279	85	0.03	0.03
266	Padli Thimaiahnanapalya	497	558	85	0.05	0.06
267	Khadehude	2084	2545	85	0.21	0.26
268	Obanahalli	2727	3186	85	0.28	0.32
269	Obanahalli Bowi Colony	393	459	85	0.04	0.05
270	P.Mahadevapura	3360	3773	85	0.34	0.38
271	P.Mahadevapura Horagadde	415	466	85	0.04	0.05
272	Omkarnagar	204	239	85	0.02	0.02
273	Bolapppana Gudi	160	187	85	0.02	0.02
274	Allapura	594	670	85	0.06	0.07
275	Bommanakunte	524	591	85	0.05	0.06
276	Gollarahatti	512	577	85	0.05	0.06
277	H.Gollarahatti	240	270	85	0.02	0.03
278	Haravigondanahalli	1947	2187	85	0.20	0.22
279	Badagadde G.Hatti	122	137	85	0.01	0.01
280	Korla Kunte	1956	2196	85	0.20	0.22
281	Vaddarahatti	6	7	85	0.00	0.00
282	Vrindavanahalli	9	10	85	0.00	0.00
283	Pagadalabande	4364	4964	85	0.45	0.51
284	Pagadalabande2	276	313	85	0.03	0.03
285	Putlahalli	1293	1472	85	0.13	0.15
286	Dodda Gollarahatti	817	928	85	0.08	0.09
287	Hurulikatti	1185	1346	85	0.12	0.14
288	Karekal Gollarahatti	905	1028	85	0.09	0.10
289	Parushuramapura	13025	14795	85	1.33	1.51
290	Tammajana Kapile	122	139	85	0.01	0.01
291	Parushuramapura Kaval	504	566	85	0.05	0.06
292	Balenahalli	1404	1577	85	0.14	0.16
293	Avalara Hatti	213	245	85	0.02	0.02
294	Gollarahatti	254	292	85	0.03	0.03
295	Hosamuchunte	884	1018	85	0.09	0.10
296	Jannenahalli	1583	1824	85	0.16	0.19



Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
297	Jannenahalli Lambanahatti	770	888	85	0.08	0.09
298	Kurdihalli	220	247	85	0.02	0.03
299	Kurdihalli Lambanahatti	60	67	85	0.01	0.01
300	Nalajamanahatti	345	388	85	0.04	0.04
301	Ramajogihalli	2640	2965	85	0.27	0.30
302	Basapura	1133	1354	85	0.12	0.14
303	Basapura Gollarahatti	62	74	85	0.01	0.01
304	K.D Kote	2198	2469	85	0.22	0.25
305	Kasavagondanahalli	2158	2585	85	0.22	0.26
306	Kasavigondanahally G	139	167	85	0.01	0.02
307	Modur	830	1008	85	0.08	0.10
308	Modur Kaval	96	122	85	0.01	0.01
309	Renukapura	3083	3642	85	0.31	0.37
310	Thappagondanahalli	1540	1751	85	0.16	0.18
311	Badavanahally	236	300	85	0.02	0.03
312	Badavanahally Kaval	138	175	85	0.01	0.02
313	Heggere	2012	2259	85	0.21	0.23
314	Hottajjana Kaple	67	75	85	0.01	0.01
315	Hotteppanahally G.Hatti	333	389	85	0.03	0.04
316	Jadekunte	1593	1789	85	0.16	0.18
317	Jadekunte Indranagara	81	90	85	0.01	0.01
318	Kaprahalli	1693	1902	85	0.17	0.19
319	Kapralli Mahalingeshwara Nagara	305	343	85	0.03	0.03
320	Kallugudda Gollarahatti	122	137	85	0.01	0.01
321	Kamth Marikunte	810	910	85	0.08	0.09
322	Kandenalli Gollarahatti	127	142	85	0.01	0.01
323	Sanikere	3353	3765	85	0.34	0.38
324	Kyadigunte	2561	2876	85	0.26	0.29
325	P.GOWri Pura	2452	2914	85	0.25	0.30
326	Pillahalli	1946	2218	85	0.20	0.23
327	Maradi Hatti	60	67	85	0.01	0.01
328	Nagappanahalli Gate	33	37	85	0.00	0.00
329	S.Golarahatti	67	75	85	0.01	0.01
330	Siddeshwara Durga	2507	2815	85	0.26	0.29
331	Chikkamature	1365	1533	85	0.14	0.16
332	Chigathanahalli	629	774	85	0.06	0.08
333	Ganjigunte	1064	1310	85	0.11	0.13
334	Ganjigunte Lambani Hatti	924	1138	85	0.09	0.12
335	Gollarahatti	105	128	85	0.01	0.01
336	Hiremadure	1109	1354	85	0.11	0.14
337	Hiremadure Upparahatti	526	642	85	0.05	0.07
338	Kannenahally	82	92	85	0.01	0.01
339	Somguddu	2660	2987	85	0.27	0.30
340	Gosikere	2544	3088	85	0.26	0.31
341	Sharada Colony	339	381	85	0.03	0.04
342	Konigarahalli	694	780	85	0.07	0.08
343	Konigarahalli A.K Colony	478	608	85	0.05	0.06
344	Oblapura	1282	1440	85	0.13	0.15
345	T.N Kote	3955	4442	85	0.40	0.45
346	Basaveshwara Gollarahatti	2702	3035	85	0.28	0.31
347	Melukote	6384	7169	85	0.65	0.73
348	Torebeeranahalli	1236	1413	85	0.13	0.14
349	Bangaraichanniahnah	296	368	85	0.03	0.04
350	Chikkammanahalli	307	382	85	0.03	0.04
351	Devarahally	272	339	85	0.03	0.03
352	Mykalarahatti	307	382	85	0.03	0.04



Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
353	Nimblura Kapile	190	236	85	0.02	0.02
354	Pattaiahna Kapile	218	271	85	0.02	0.03
355	Giriyammanahalli	1503	1835	85	0.15	0.19
356	Kengiahanaahatty	325	397	85	0.03	0.04
357	Kuribommaiahnahatty	148	181	85	0.02	0.02
358	Kyathaiahnahatty	213	260	85	0.02	0.03
359	Talak	4217	4779	85	0.43	0.49
360	Thalak Lb Hatty	506	644	85	0.05	0.07
361	Thimmannanahalli	1207	1355	85	0.12	0.14
362	Gajaganahalli	2378	2670	85	0.24	0.27
363	Giddapur	713	886	85	0.07	0.09
364	N.Obaiahanaahatti Golarahati	699	785	85	0.07	0.08
365	N.Obaiahnahatty	2031	2281	85	0.21	0.23
366	Ramsagar	550	623	85	0.06	0.06
367	Gollarahally	224	252	85	0.02	0.03
368	Jambaihanahatty	754	847	85	0.08	0.09
369	Thimmappaianahalli	1447	1625	85	0.15	0.17
Sub Total for Challakere Taluk =		456113	533711		46.52	54.44
C) Molakalmuru Taluk:						
1	Ashoka Siddapura	2157	2422	85	0.22	0.25
2	Hosakote	675	758	85	0.07	0.08
3	Kadasidapura	379	426	85	0.04	0.04
4	Roppa	1282	1440	85	0.13	0.15
5	S. Hanamapura	612	688	85	0.06	0.07
6	Siddapura Akc	540	607	85	0.06	0.06
7	Chikkanahally	877	988	85	0.09	0.10
8	G. Basaveshwara Nagara	114	139	85	0.01	0.01
9	Gowrasamudra	1887	2293	85	0.19	0.23
10	Heruru	343	385	85	0.03	0.04
11	Hosuru	799	897	85	0.08	0.09
12	Machenahally	842	945	85	0.09	0.10
13	Ramasagara	1719	2169	85	0.18	0.22
14	Veerapura	382	485	85	0.04	0.05
15	Aravinaddi	75	95	85	0.01	0.01
16	B.G.Kere	5344	6416	85	0.55	0.65
17	Basaveshwaranagara	956	1148	85	0.10	0.12
18	Ravalakunte	473	568	85	0.05	0.06
19	Duppi	18	23	85	0.00	0.00
20	Mogalahally	2242	2777	85	0.23	0.28
21	Kamaiahanaahatty	207	256	85	0.02	0.03
22	Muthigarahally	1449	1789	85	0.15	0.18
23	Myasarahatty	1055	1302	85	0.11	0.13
24	Suravvanahalli	1777	2123	85	0.18	0.22
25	Amakundi	1142	1282	85	0.12	0.13
26	Bhatrahally	1756	2036	85	0.18	0.21
27	Byarapura	1603	1818	85	0.16	0.19
28	Chikkerahally	2846	3331	85	0.29	0.34
29	Obalapura	118	133	85	0.01	0.01
30	Devasamudra	3045	3420	85	0.31	0.35
31	Pennammanahally	803	901	85	0.08	0.09
32	Thimmalapura	2767	3282	85	0.28	0.33
33	Urthal	1029	1304	85	0.10	0.13
34	Venkatapura	2401	2696	85	0.24	0.27
35	Vitalapura	386	433	85	0.04	0.04
36	Bommalinganahally	1922	2242	85	0.20	0.23
37	Halekere	413	496	85	0.04	0.05

Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
38	Hanagal	1851	2221	85	0.19	0.23
39	Hanagal Devaragudda	58	70	85	0.01	0.01
40	Kattekapale	25	31	85	0.00	0.00
41	Kommanapatty	1242	1491	85	0.13	0.15
42	Pujarahatty	324	389	85	0.03	0.04
43	Katanayakanahally	1789	2045	85	0.18	0.21
44	Kelagalahatty	636	727	85	0.06	0.07
45	Megalahatty	847	968	85	0.09	0.10
46	Mahimana Hatty	13	15	85	0.00	0.00
47	Matadhajogihalli	61	78	85	0.01	0.01
48	Rangaiahahadurga	7	8	85	0.00	0.00
49	Sulenally	924	1106	85	0.09	0.11
50	Thuppadakkanahally	51	58	85	0.01	0.01
51	Guddadahalli	785	998	85	0.08	0.10
52	Hirekerekahally	1526	1714	85	0.16	0.17
53	Jayanthinagar	157	177	85	0.02	0.02
54	Kodikelagalahatty	29	33	85	0.00	0.00
55	Mysarahatty	758	851	85	0.08	0.09
56	Gollarahatti	213	244	85	0.02	0.02
57	Myasarahatty	255	292	85	0.03	0.03
58	Talavarahally	1151	1319	85	0.12	0.13
59	Basapura	897	1007	85	0.09	0.10
60	Chinnavaladagudda	59	68	85	0.01	0.01
61	Dadagur	1286	1444	85	0.13	0.15
62	Haledagur	471	529	85	0.05	0.05
63	Jahajir Buddannahally	2924	3284	85	0.30	0.33
64	Gollarahatty	982	1103	85	0.10	0.11
65	Jambalemiliki	742	833	85	0.08	0.08
66	Malleharavu	425	534	85	0.04	0.05
67	Nallareddy Kondapura	1194	1341	85	0.12	0.14
68	Dosareddykere	66	75	85	0.01	0.01
69	Obalapura	1202	1365	85	0.12	0.14
70	Pokurthy	1444	1667	85	0.15	0.17
71	Konasagara	6855	7836	85	0.70	0.80
72	Udevu	1835	2098	85	0.19	0.21
73	Kapadabandehatty	136	173	85	0.01	0.02
74	Kenga Obaiahna Hatty	81	103	85	0.01	0.01
75	Kuntobaiahnahatty	244	310	85	0.02	0.03
76	Myakaraobaiahnahatty	212	270	85	0.02	0.03
77	Nethranahalli	1084	1378	85	0.11	0.14
78	Sannapapaiahna Hatty	191	243	85	0.02	0.02
79	Yenimegalahatty	269	342	85	0.03	0.03
80	Gollarahatty	557	628	85	0.06	0.06
81	Kondlahally	8679	9791	85	0.89	1.00
82	Picharahatty	565	638	85	0.06	0.07
83	Marammanahalli	2444	3066	85	0.25	0.31
84	Huchaingidurga	1619	1853	85	0.17	0.19
85	Nagasamudra	8572	9812	85	0.87	1.00
86	G. Gollarahatti	186	236	85	0.02	0.02
87	Gundaluru	795	1011	85	0.08	0.10
88	Badasurainahatty	710	891	85	0.07	0.09
89	Bangerahatty	550	690	85	0.06	0.07
90	Kunataobaiahnahatty	266	334	85	0.03	0.03
91	Maralahalli	19	24	85	0.00	0.00
92	Maralahalli	991	1243	85	0.10	0.13
93	Mudarahahatty	345	432	85	0.04	0.04

Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
94	Belavinamaradhahatty	791	958	85	0.08	0.10
95	Jangalisurainahatty	91	111	85	0.01	0.01
96	Kudligarahatty	180	218	85	0.02	0.02
97	Neralahally	794	962	85	0.08	0.10
98	Neralahally Akc	530	642	85	0.05	0.07
99	Odobaiahnahatty	446	541	85	0.05	0.06
100	Picharahatty	184	223	85	0.02	0.02
101	Sunkadharahatty	119	144	85	0.01	0.01
102	Kerekondapura	2218	2747	85	0.23	0.28
103	Rampura	12448	15439	85	1.27	1.57
104	Vaderahally	596	757	85	0.06	0.08
105	Iyenaahalli	297	361	85	0.03	0.04
106	Myasarahatty	1139	1391	85	0.12	0.14
107	Rayapura	3219	3930	85	0.33	0.40
108	Mahantesha Nagara	131	162	85	0.01	0.02
109	S. Hosuru	986	1213	85	0.10	0.12
110	Siddaiahana Kote	1427	1756	85	0.15	0.18
111	Yarrapothajogihally	437	555	85	0.04	0.06
112	Yerjenahally	425	506	85	0.04	0.05
113	Yerrenahally	2107	2611	85	0.21	0.27
114	B.Hanumapura	1256	1515	85	0.13	0.15
115	Bandravi	1716	2071	85	0.18	0.21
116	Hanumanagudda	818	987	85	0.08	0.10
117	Kelaginakanive	714	905	85	0.07	0.09
118	Megalakanive	2154	2693	85	0.22	0.27
119	Santhegudda	1140	1291	85	0.12	0.13
120	Bommadevarahally	3090	3790	85	0.32	0.39
121	Bommakkanahally	1106	1278	85	0.11	0.13
122	Kanakuppe	811	1017	85	0.08	0.10
123	Karadihally	1291	1453	85	0.13	0.15
124	Konapura	3487	4393	85	0.36	0.45
125	Murudi	527	592	85	0.05	0.06
126	Rajapura	969	1120	85	0.10	0.11
127	Sirekola	1218	1367	85	0.12	0.14
128	Thammenahally	1462	1800	85	0.15	0.18
129	Chikkobanahally	2737	3234	85	0.28	0.33
130	Hosur (Vaddarapente)	671	792	85	0.07	0.08
131	Chikkumthi	2666	3389	85	0.27	0.35
132	Done Thammenahally	45	51	85	0.00	0.01
133	Gowdarahatty	203	243	85	0.02	0.02
134	Tumkuralahally	5370	6418	85	0.55	0.65
Sub Total for Molakalmuru Taluk =		170050	201626		17.35	20.57
D) Chilakanahatti and 14 villages in Hospet taluk of Bellary district:						
1	G.Nagalapura	5185	6157	85	0.53	0.63
2	G.Nagalapura Tanda	1345	1597	85	0.14	0.16
3	Gunda	2226	2643	85	0.23	0.27
4	Gunda Tanda	1260	1497	85	0.13	0.15
5	Byalakundi	1932	2294	85	0.20	0.23
6	Garaga	2353	2794	85	0.24	0.28
7	Hosa Garaga	1710	2031	85	0.17	0.21
8	Gollarahalli	3277	3891	85	0.33	0.40
9	Chilakanahatti	5114	6072	85	0.52	0.62
10	Haravanahalli	2142	2544	85	0.22	0.26
11	T.Basapura	431	512	85	0.04	0.05
12	T.Basapura Tanda	5574	6619	85	0.57	0.68
13	Thimmalapura	3283	3899	85	0.33	0.40



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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
14	Pothalakatta	3159	3751	85	0.32	0.38
15	Telugubalu	225	269	85	0.02	0.03
Sub Total for Chilakanahatti & 14 villages =		39216	46570		4.00	4.75
E) Ujjini and 216 villages in Kudligi taluk of Bellary district:						
i) Phase-1 covering 71 villages						
1	Jangamasovenahalli	1541	1926	85	0.16	0.20
2	Shivapur Gollarahatti	572	709	85	0.06	0.07
3	Shivapur	3283	3952	85	0.33	0.40
4	B.B. Tanda	4812	5777	85	0.49	0.59
5	Kaivalyapur	940	1216	85	0.10	0.12
6	Ammanakeri	2283	2736	85	0.23	0.28
7	Kakkuppi	1780	2128	85	0.18	0.22
8	Virupapur	1766	2128	85	0.18	0.22
9	Adavisuravvanahalli	1089	1317	85	0.11	0.13
10	Jarmalal	1951	2331	85	0.20	0.24
11	Arodi(Haravadi)	974	1216	85	0.10	0.12
12	A.Dibbadahalli	1599	1926	85	0.16	0.20
13	Nagarahunasi	947	1216	85	0.10	0.12
14	Ramadurga	2329	2838	85	0.24	0.29
15	K. Gollarahatti	591	709	85	0.06	0.07
16	Kuduredavu	1108	1419	85	0.11	0.14
17	Chandrashekharapur	3942	4763	85	0.40	0.49
18	Shrikantapur Tanda	1045	1317	85	0.11	0.13
19	Shrikantapur	212	304	85	0.02	0.03
20	Linganahalli Tanda	372	507	85	0.04	0.05
21	Errobanahatti	1068	1317	85	0.11	0.13
22	Gudekote	6524	7803	85	0.67	0.80
23	Sarvodaya	1282	1621	85	0.13	0.17
24	Mahadevapur	2144	2635	85	0.22	0.27
25	Halasagar	1656	2027	85	0.17	0.21
26	Devarahatti	776	1013	85	0.08	0.10
27	Chilumanahalli Tanda	384	507	85	0.04	0.05
28	Appenahalli	1551	1926	85	0.16	0.20
29	D.Siddapur	693	912	85	0.07	0.09
30	Appenahalli Tanda	1149	1419	85	0.12	0.14
31	Borayanahatti	281	405	85	0.03	0.04
32	B.B. Colony	283	405	85	0.03	0.04
33	K.Rayapur	1971	2432	85	0.20	0.25
34	Kasapur	940	1216	85	0.10	0.12
35	Sidegallu	1955	2331	85	0.20	0.24
36	Bellagatta	1209	1520	85	0.12	0.16
37	Katrahalli	803	1013	85	0.08	0.10
38	Narasim hagiri	1027	1317	85	0.10	0.13
39	Geddalagatti	1732	2128	85	0.18	0.22
40	Morab	3568	4256	85	0.36	0.43
41	Biralagudda	786	1013	85	0.08	0.10
42	Moraban Gollarahatti	965	1216	85	0.10	0.12
43	Marabanahalli	757	912	85	0.08	0.09
44	Badeladaku	4626	5574	85	0.47	0.57
45	Kengalahatti	275	405	85	0.03	0.04
46	Ichalabommanahalli	2117	2534	85	0.22	0.26
47	Kuppinakere	838	1013	85	0.09	0.10
48	Sasalawad	2227	2736	85	0.23	0.28
49	Heggadu	2898	3547	85	0.30	0.36
50	Biralagudda Myasarahatti	233	304	85	0.02	0.03
51	Morab Gollarahatti	424	507	85	0.04	0.05



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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
52	Boppalapur	1085	1317	85	0.11	0.13
53	Sanihalli	427	608	85	0.04	0.06
54	Battanahalli	1015	1216	85	0.10	0.12
55	Akkapur	265	405	85	0.03	0.04
56	Gajapur	1887	2331	85	0.19	0.24
57	Kandagallu	1921	2331	85	0.20	0.24
58	Timmalapur	943	1216	85	0.10	0.12
59	Timmalapur Tanda	964	1216	85	0.10	0.12
60	Dupadahalli Tanda	2873	3446	85	0.29	0.35
61	Gollarahalli	1394	1723	85	0.14	0.18
62	Dupadahalli	3239	3952	85	0.33	0.40
63	Bevooru	1238	1520	85	0.13	0.16
64	Motikal Tanda	3987	4763	85	0.41	0.49
65	Hyalaya	1275	1520	85	0.13	0.16
66	Lottinakere	489	608	85	0.05	0.06
67	Mallanayakanahalli	687	912	85	0.07	0.09
68	Tuppakanahalli	1290	1621	85	0.13	0.17
69	Kamayyanahatti	465	608	85	0.05	0.06
70	Dodda gollarahatti	1683	2027	85	0.17	0.21
71	Sanna gollarahatti	436	608	85	0.04	0.06
Sub Total for Phase-1 villages =		107841	132347		11.00	13.50
ii) Phase-2 covering 146 villages						
1	Gundinahole	17	101	85	0.00	0.01
2	Boragatti	225	302	85	0.02	0.03
3	Kyasanakeri	1453	1813	85	0.15	0.18
4	Kyasanakeri Gollarahatti	1115	1410	85	0.11	0.14
5	Siddayyanahatti	577	705	85	0.06	0.07
6	Ullanahalli	781	1007	85	0.08	0.10
7	Chikkobanahalli	746	907	85	0.08	0.09
8	Kenchobanahalli	1373	1713	85	0.14	0.17
9	Madlayakanahalli	1536	1914	85	0.16	0.20
10	Nelabommanahalli	1484	1813	85	0.15	0.18
11	Kadekolla	1387	1713	85	0.14	0.17
12	Karadihalli	977	1209	85	0.10	0.12
13	Bheemasamudra	1646	2015	85	0.17	0.21
14	Hosahatti	722	907	85	0.07	0.09
15	Hulikunte	1271	1612	85	0.13	0.16
16	A. Chinnanahalli	1091	1410	85	0.11	0.14
17	Erralinganahalli	2317	2821	85	0.24	0.29
18	Sankalapur Koracharahatti	572	705	85	0.06	0.07
19	Sankalapur	414	504	85	0.04	0.05
20	Meese Borayanahatti	1053	1310	85	0.11	0.13
21	Naduavalahalli	388	504	85	0.04	0.05
22	Ekkegundi	1254	1511	85	0.13	0.15
23	Gandabommanahalli	1514	1914	85	0.15	0.20
24	K.Dibbadahalli	896	1108	85	0.09	0.11
25	Yarragundalahatti	535	705	85	0.05	0.07
26	Ramasagarhatti	747	907	85	0.08	0.09
27	Hurudihalli	735	907	85	0.07	0.09
28	Marammanahalli	600	806	85	0.06	0.08
29	Nunkanahalli	724	907	85	0.07	0.09
30	Gaddada Borayanahatti	936	1209	85	0.10	0.12
31	Timmanahalli	1012	1310	85	0.10	0.13
32	M.B. Ayyanahalli	4433	5340	85	0.45	0.54
33	Makanadaku	2221	2720	85	0.23	0.28
34	Kurhahatti	3284	4030	85	0.33	0.41



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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
35	Madakalakatte	526	705	85	0.05	0.07
36	Obalashettihalli	1540	1914	85	0.16	0.20
37	Hurulihalu Mysarahatti.	588	806	85	0.06	0.08
38	Chiratagundu	3266	3929	85	0.33	0.40
39	Kombihalli	918	1108	85	0.09	0.11
40	Meenakere	828	1007	85	0.08	0.10
41	Valase	992	1209	85	0.10	0.12
42	Karnarahatti	1028	1310	85	0.10	0.13
43	Hurulihalu	2225	2720	85	0.23	0.28
44	Obalapur	1111	1410	85	0.11	0.14
45	Gundumunugu	1411	1713	85	0.14	0.17
46	Chikkajogihalli	1704	2116	85	0.17	0.22
47	Chikkajogihalli Tanda	1318	1612	85	0.13	0.16
48	Siddapur	1607	2015	85	0.16	0.21
49	Siddapur Vaddarahatti	1024	1310	85	0.10	0.13
50	S. Immadapur	2653	3224	85	0.27	0.33
51	Kumati	1971	2418	85	0.20	0.25
52	Tammayyanagudda	900	1108	85	0.09	0.11
53	Jummobanahalli Myasarahatti	2050	2519	85	0.21	0.26
54	Jummobanahalli	1785	2216	85	0.18	0.23
55	Tayakanahalli	2704	3325	85	0.28	0.34
56	Suttakarnarahatti	1116	1410	85	0.11	0.14
57	Naduvalahatti	260	403	85	0.03	0.04
58	Choutayyanahatti	510	705	85	0.05	0.07
59	Hudem	3538	4332	85	0.36	0.44
60	Pujarhalli Tanda	740	907	85	0.08	0.09
61	Lokikere	2595	3123	85	0.26	0.32
62	Pujarhalli	2033	2519	85	0.21	0.26
63	Kannaboranahatti	1389	1713	85	0.14	0.17
64	Hosuru	1468	1813	85	0.15	0.18
65	Katrikehatti	2437	3022	85	0.25	0.31
66	Tippehalli	577	705	85	0.06	0.07
67	Malehalli	873	1108	85	0.09	0.11
68	Kallahalli	2284	2821	85	0.23	0.29
69	Kenchammanahalli	2278	2821	85	0.23	0.29
70	Maluru	458	604	85	0.05	0.06
71	Aluru	3111	3828	85	0.32	0.39
72	Pichharahatti	1467	1813	85	0.15	0.18
73	Yambali	570	705	85	0.06	0.07
74	Yambali vadrhatti	707	907	85	0.07	0.09
75	Sakalapuradahatti Gollarhatti	287	403	85	0.03	0.04
76	Sakalapuradahatti	984	1209	85	0.10	0.12
77	Gollarahatti	828	1007	85	0.08	0.10
78	Kanamadugu	2636	3224	85	0.27	0.33
79	Hulikere	3423	4131	85	0.35	0.42
80	Hosahalli	9804	11788	85	1.00	1.20
81	Chikkakumbalakunte	465	604	85	0.05	0.06
82	Hirekumbalakunte	1514	1914	85	0.15	0.20
83	Dasobanahalli Gollarahatti	590	806	85	0.06	0.08
84	Dasobanahalli	352	504	85	0.04	0.05
85	Juttilinganahatti	1279	1612	85	0.13	0.16
86	Ranganathanahalli	977	1209	85	0.10	0.12
87	Bayala Tumarguddi	1542	1914	85	0.16	0.20
88	T. Suravvanahalli	1923	2317	85	0.20	0.24
89	Ganagatti	2216	2720	85	0.23	0.28
90	Errammanahalli	684	907	85	0.07	0.09



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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
91	Nimbalageri	3816	4634	85	0.39	0.47
92	Mangapur	2571	3123	85	0.26	0.32
93	Nagenahalli	585	705	85	0.06	0.07
94	Beladeri	562	705	85	0.06	0.07
95	Benakanahalli	1698	2116	85	0.17	0.22
96	Ujjini	9214	11082	85	0.94	1.13
97	Bishnahalli	857	1108	85	0.09	0.11
98	Bellikatte Gollarahatti	677	907	85	0.07	0.09
99	Bellikatte	1489	1813	85	0.15	0.18
100	Harakabavi	5460	6649	85	0.56	0.68
101	Santanahalli	569	705	85	0.06	0.07
102	Banavikallu	3840	4634	85	0.39	0.47
103	Suladahalli	5460	6649	85	0.56	0.68
104	Agrahar	1136	1410	85	0.12	0.14
105	Gunasagar	1626	2015	85	0.17	0.21
106	Palayyanakote	1477	1813	85	0.15	0.18
107	Boradevargudda	1275	1612	85	0.13	0.16
108	Sunkadakallu	1990	2418	85	0.20	0.25
109	Amalapur	2313	2821	85	0.24	0.29
110	Iyagala Mallapur	1572	1914	85	0.16	0.20
111	Choudapur Gollarahatti	228	302	85	0.02	0.03
112	Choudapur	3076	3728	85	0.31	0.38
113	T.Basapur	774	1007	85	0.08	0.10
114	Nagalapur	1223	1511	85	0.12	0.15
115	Gangammanahalli	2433	3022	85	0.25	0.31
116	Chiribi	3210	3929	85	0.33	0.40
117	Rampur	2723	3325	85	0.28	0.34
118	Kodihalli	1194	1511	85	0.12	0.15
119	Boranahalli	655	806	85	0.07	0.08
120	Suttakodihalli	490	604	85	0.05	0.06
121	Shirinayakanahalli	185	302	85	0.02	0.03
122	Chapparadahalli	2343	2821	85	0.24	0.29
123	K. Ayyanahalli	2948	3627	85	0.30	0.37
124	Haralu	3386	4131	85	0.35	0.42
125	Ramanayakanahalli	564	705	85	0.06	0.07
126	Maruru	631	806	85	0.06	0.08
127	Kannanayakanakatte	1357	1713	85	0.14	0.17
128	Jagatageri	1558	1914	85	0.16	0.20
129	Murti Nayakanahalli	355	504	85	0.04	0.05
130	Hirevadrahalli	828	1007	85	0.08	0.10
131	Hunasikatte	978	1209	85	0.10	0.12
132	Jolada kudligi	1429	1813	85	0.15	0.18
133	Manganahalli	968	1209	85	0.10	0.12
134	Chinnanahalli	1148	1410	85	0.12	0.14
135	Harakanalu	786	1007	85	0.08	0.10
136	Nadumavinahalli	1019	1310	85	0.10	0.13
137	Kalapur	2698	3325	85	0.28	0.34
138	Konanahalli	641	806	85	0.07	0.08
139	Nagarakatte	1955	2418	85	0.20	0.25
140	Kurubanahalli	734	907	85	0.07	0.09
141	Hanumanahalli	2038	2519	85	0.21	0.26
142	Tulahalli	5512	6649	85	0.56	0.68
143	Siddapur Gollarahatti	375	504	85	0.04	0.05
144	Hosakeri Papayyanhatti.	494	604	85	0.05	0.06
145	Bayala Tumarguddi Gollarahatti	912	1108	85	0.09	0.11
146	Koracharahatti(Battana)	265	403	85	0.03	0.04



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Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
Sub Total for Phase-2 villages =		230400	284300	12410	23.50	29.00
F) Thuruvanur & 58 villages / habitations of Chitradurga Taluk, Chitradurga Dist:						
1	Baggalarangavvanahalli	333	405	85	0.03	0.04
2	Belagatta	3861	4422	85	0.39	0.45
3	Haikal	4393	5675	85	0.45	0.58
4	Chinnuri Thippaiahnahatti	335	433	85	0.03	0.04
5	Bandihobbayanahatti	35	46	85	0.00	0.00
6	Haikal Gollarahatti	472	609	85	0.05	0.06
7	Vael Nagar	70	90	85	0.01	0.01
8	Kotehatti	384	496	85	0.04	0.05
9	Pelarahatti	2958	3389	85	0.30	0.35
10	Halechuripapaiahnahatti	790	904	85	0.08	0.09
11	Hasachiri Papaiahnahatti	466	534	85	0.05	0.05
12	Hosa Katappanahatty	276	296	85	0.03	0.03
13	Chikkagondanahalli	6844	7839	85	0.70	0.80
14	C.G. Gollrahatti	1813	2077	85	0.18	0.21
15	Chikkagondanahalli Hosagollarahatti	500	574	85	0.05	0.06
16	Chippeinakere	1298	1486	85	0.13	0.15
17	Yalavarthi	2009	2157	85	0.20	0.22
18	Malenahalli	1110	1504	85	0.11	0.15
19	Vaddanahalli	672	796	85	0.07	0.08
20	Bagenahal	968	1128	85	0.10	0.12
21	Bommakkanahalli	1999	2410	85	0.20	0.25
22	Manneboranahatti	351	423	85	0.04	0.04
23	Ragobanahalli	96	129	85	0.01	0.01
24	Chikkajagalur	265	303	85	0.03	0.03
25	Hunsekatte	938	1074	85	0.10	0.11
26	Kariyammanahatti	646	826	85	0.07	0.08
27	Kunabevu	4529	5429	85	0.46	0.55
28	Kunabevu Gollarahatti	428	513	85	0.04	0.05
29	Chikkappanahalli	1419	1669	85	0.14	0.17
30	Madanayakanahalli	2882	3389	85	0.29	0.35
31	Papenahalli	1489	1904	85	0.15	0.19
32	Rayanahalli	1119	1304	85	0.11	0.13
33	Rummagatta	454	520	85	0.05	0.05
34	Sultanipura	1723	2041	85	0.18	0.21
35	Chikkabbigere	1289	1476	85	0.13	0.15
36	Chikkabigere G.Hatty	354	405	85	0.04	0.04
37	Hirekabbigere	2812	3434	85	0.29	0.35
38	Hirekabbigere G.Hatty	823	1005	85	0.08	0.10
39	Hirekabbigere L.Hatty	715	873	85	0.07	0.09
40	Muddapura	4473	5280	85	0.46	0.54
41	Jogiboranahatti	265	312	85	0.03	0.03
42	Muddapura Hosahatti	1899	2243	85	0.19	0.23
43	M.Mysarahatti	297	350	85	0.03	0.04
44	Siddavvanadurga	1206	1531	85	0.12	0.16
45	Surenanahalli	783	897	85	0.08	0.09
46	Surenahalli G.Hatty	173	198	85	0.02	0.02
47	Avalenahalli	1525	2066	85	0.16	0.21
48	Turuvnur	8820	10103	85	0.90	1.03
49	Bangarakkanahalli	1898	2173	85	0.19	0.22
50	Bogalerahatti	2010	2303	85	0.21	0.23
51	Doddagatta	1149	1316	85	0.12	0.13
52	Kadabanakatte	3242	3713	85	0.33	0.38
53	Mysarahatti	881	1009	85	0.09	0.10
54	Upparahatti	991	1135	85	0.10	0.12

Sl. No.	Village Name	Projected Population		Supply Rate (lpcd)	Net Demand to be supplied	
		2035	2050		2035 (MLD)	2050 (MLD)
55	Basthi Halli	1103	1399	85	0.11	0.14
56	Hullehal	2035	2332	85	0.21	0.24
57	Hullehal G.Hatti	640	732	85	0.07	0.07
58	Yalagodu	3202	3836	85	0.33	0.39
59	Yalagodu M.Hatti	466	559	85	0.05	0.06
Sub Total for Thuruvanur Hobli villages =		90976	107474	85	9.28	10.96
Total for Project Taluks =		1382783	1633308		141.75	167.19
1	Pavagada Town	39273	46387	135	6.36	7.51
2	Molakalmuru Town	30334	41622	135	4.91	6.74
Total for Project Taluks & Two Towns =		14,52,390	1721317		153.02	181.45



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