

KARNATAKA NEERAVARI NIGAM LIMITED

ANNUAL REPORT OF PROJECTS FOR 2020-21

1. Ghataprabha Project:

Under Ghataprabha project it is proposed to irrigate 3,10,823 Ha areas of Athani, Chikkodi, Gokak, Hukkeri, Raibag, Ramdurg, Savadatti, Badami, Bagalkot, Bilagi, Hunagund, and Jamakhandi & Mudhol Taluks of Belagavi & Bagalkot District. Outlet potential of 308326 ha is created under the project. Balance FIC works are under progress.



Canal details:

Canal Length	GRBC	GLBC
Canal	199 km	109 km
Branch Canal	88 km	210 km
Distributaries	994 km	494 km

Lift schemes coming under Ghataprabha projects are as under:

- Daddinaganur LIS
- Rustumpur LIS
- Kotabagi LIS

The lift schemes are completed.

2. Ghataprabha Left Bank Canal Modernisation:

Under this project, modernisation works of lining & structures have been taken up in main canal of Ghataprabha (selected reaches in 0.00 to 109.00 km), Gokak Canal (0.00 to 20.00 km), Saidapura Canal (0.00 to 24.00 km), South Canal (selected reaches in 0.00 to 45.00 km) and Bilagi Branch Canal (selected reaches in 0.00 to 49.00 km). The DPR of the work is administratively approved for Rs.573.28 crores and at present the works are nearing completion.



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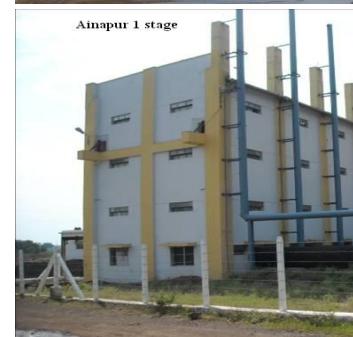
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3. Hippargi Irrigation Project:

Under Hippargi project it is proposed to irrigate 74742 ha of land of Athani, Chikkodi & Jamakhandi Taluks of Belagavi & Bagalkot District. The total length of canal is 306 km. The project includes the following Lift schemes:

- Ainapur stage-I & II LIS
- Karimasuthi stage I & II LIS
- Halyal stage I & II LIS
- Savalgi –Tunga LIS.



All the lift schemes are completed and outlet potential to an area of 74742 ha is created.

4. Markandeya Project:

Under Markandeya project it is proposed to irrigate 14448 ha of land of Belagavi, Hukkeri, Gokak & Savadatti Taluks of Belagavi District. The Rehabilitation Centres for the 7 submerged villages have been completed and the affected people have been re-allocated. Under this project, distributary works and FIC works are under progress. All other works are completed.

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MARKANDEYA DAM



5. Murgod Lift Irrigation Scheme:

This scheme envisages lifting of water from 55th km of Markandeya right bank canal (near Malagali village) to irrigate 1939 Ha of area in 8 villages. The works are under progress.



6. Chachadi Lift Irrigation Scheme:

This scheme envisages lifting of water from 34th km of Markandeya right bank canal to irrigate 2718 Ha of area. Contract for the headwork and initial 5.00 km. works are awarded on turnkey basis and works are nearing completion.



7. Doodhganga Project:

Doodhganga Irrigation Project is an inter-state project of Maharashtra and Karnataka. The project envisages construction of composite dam across the river Doodhganga near Asangaon village of Rathnagiri taluk in Kolhapur District of Maharashtra state. This project would provide irrigation benefits to

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44,766 Ha. in Maharashtra state and 15,167 Ha in Karnataka state. There are 3 branch canals under this project, whose details are as below:

Branch Canal	Nidhori	Bidari	Dattawad
Canal length	21.57	25.155	30.00



Nidhori branch canal works are completed. Bidari branch canal works are under progress.

8. Bellary Nala Project:

The Bellary nala irrigation project envisages irrigating 8,200 Ha of land in Belagavi, Gokak, Saundatti & Bailahongal taluks of Belagavi districts by constructing a dam across Bellary nala which is a main tributary to Markendaya river. Dam foundation in block 1 to 6 and 8 to 18 are partly completed. Total length of main canal is 106 km; works in reach from km 44 to 106 are under progress (excluding works in forest areas from km 1 to 10 & 32 to 40)



9. Sri Rameshwara Lift Irrigation Scheme:

This lift irrigation scheme is proposed to irrigate 13,800 Ha areas of Ramadurga, Savadatti and Gokak Taluks of Belagavi District by utilising the 2.2 TMC of water from Ghataprabha River. The works are completed and an outlet potential of 13,800 ha is created. FIC works are under progress.

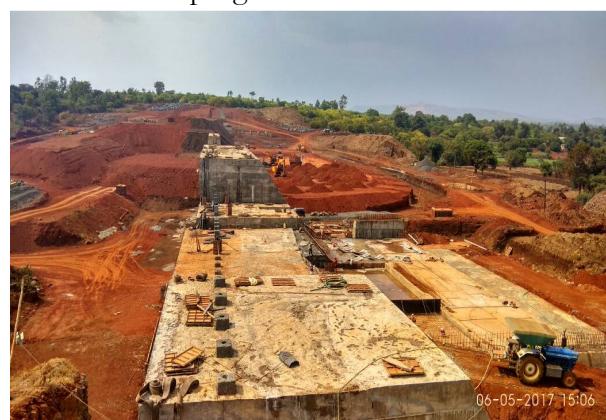
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10. Kinaye Project:

Under this project it is proposed to construct a dam across Mangothri River near Kinaye village in Belagavi District and provide irrigation facility to an area of 1200 Ha in Khariff season and 275 Ha in Rabi season. Dam & allied works and works of canal network are under progress.



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11. Tubachi – Babaleshwar Lift Irrigation Scheme:

The lift irrigation scheme is proposed to irrigate 52700 ha of area of Vijayapur, Athani & Jamakhandi taluks of Belagavi & Bagalkot District by utilising the 6.30 TMC of water from Krishna River at an estimated cost of Rs.3572.00 crores. Under Phase-I, the works related to head works are awarded on turnkey basis and are nearing completion. Further, the balance head works (Phase-II), works related to Main Canal & distributaries are under progress.



Intake Canal



Jackwell cum Pump house



Kavatagi Sub Station



West Canal Aqueduct at Ch.4.32 km



West Canal at Ch.15.900 km

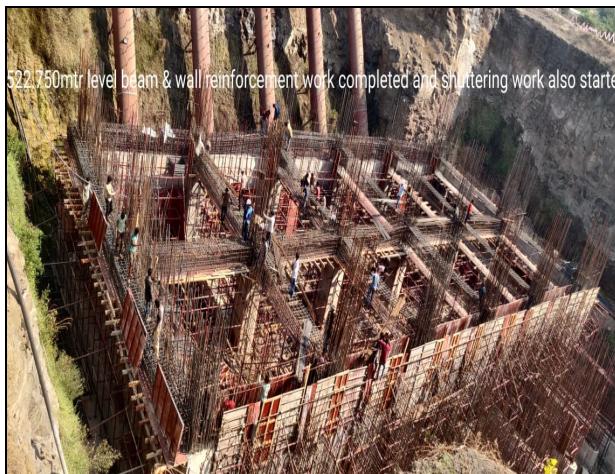


West Canal at Ch.19.200 km

12. Basaveshwar (Kempwad) Lift Irrigation Scheme:

The lift irrigation scheme is proposed to irrigate 27462 ha of land of 22 drought affected villages coming under northern part of Athani Taluk, Belagavi District, by utilizing 4.00 TMC of water from backwaters of Hippuragi Barrage near Ainapur village, Athani taluk. The DPR of the project is administratively approved for Rs.1120.36 crores and at present, the works are under progress.

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13. Sri Veerabhadreshwar Lift Irrigation Scheme:

The lift irrigation scheme is proposed to irrigate 17,377 Ha of land of Mudhol and Ramdurga taluk by lifting 2.50 TMC of water from Ghataprabha River & filling up of 10 minor tanks. The DPR of the project is administratively approved for Rs.544.00 crores and at present, the works are under progress.



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14. Venkateshwar Lift Irrigation Scheme:

The lift irrigation scheme is proposed to irrigate a total of 7200Ha of area coming under 10 villages - 4 villages of Mudhol and 6 villages of Jamakhandi taluk. The project is administratively approved for Rs.174.42 crores and at present, the works are under progress.



15. Improvements to Chikkodi Branch Canal

The 88 km long Chikodi Branch Canal was completed in 1984 and irrigates 33403 ha of land. With improvements to the first 30 km of the now dilapidated canal it is proposed to provide water to 11481 ha of land and also facilitate irrigation to the subsequent command. Presently, the improvement works are nearing completion.

16. Sultanpur Bridge Cum Bandhara construction

The Sultanpur Bridge constructed across Hiranyakeshi River near Sultanpur village in Hukkeri taluk, Belagavi District was damaged during the heavy rains received during the month of June-2015 causing much problem to the nearby villagers, students, farming community and to the transportation and communication system. In this regard, considering the future vehicular volume and the public welfare it was proposed to construct high level bridge and low level Bandhara. The DPR of the project is administratively approved for Rs.19.52 crores in Feb-2017 and at present, the works are physically completed.

17. Filling of 17 tanks of 10 villages and additional 22 tanks of Raibag taluk in Belgavi.

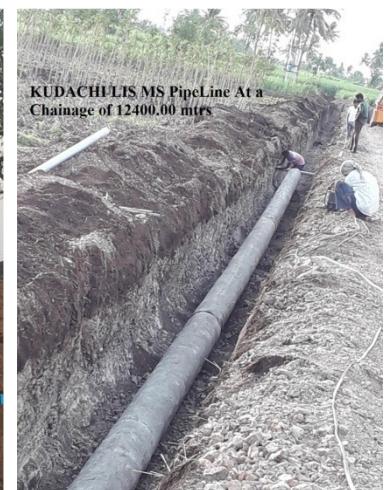
It is proposed to fill 17 tanks of 10 villages and 22 additional tanks thus totaling to 39 tanks in Raibag taluk of Belagavi District from Krishna River. Due to reduction in inflow to these tanks over the years, there is a severe stress for drinking water in the area. In view of this, the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. The DPR of the project is administratively approved for Rs.91.40 crores and at present, the works are under progress.

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18. Filling of 19 tanks of 10 villages of Kudachi constituency of Raibag taluk in Belagavi

Due to reduction in inflow to the tanks over the years, in Bastwad, Kandal, Katakbhavi, Devapura hat-ti, Nidagundi, Savasudi, Moraba, Nilaji, Suttatti and Harogeri villages in Kudachi constituency, Raibag taluk, Belagavi district there is a severe stress for drinking water in the area. In view of this, it is proposed to fill 19 tanks of these 10 villages from Krishna River to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. The DPR of the project is administratively approved for Rs.34.38 crores and at present, the works are under progress.



19. Kullahalli Hunnur LIS:

Jamakhandi branch canal starts at km 70 (Chimmad Chowki) of GLBC. The Kulahalli-Hunnur LIS is proposed to stabilise the suffering atchkat of 9163.63 Ha under the downstream of Jamakhandi branch canal Ch.20+650 (Maigur Chowki) and surrounding villages in Jamkhandi during the Khariff season by lifting 0.88 TMC of water from Krishna River. The DPR of the project is administratively approved for Rs.73.75 crores and at present, the works are under progress.

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20. Godchinamalki LIS:

Under Godchinamalki LIS it is proposed to irrigate 1031.51 ha of area by lifting water 0.191 TMC of water from Ghataprabha River under Stage-I, 1537.91 ha of area by lifting water 0.280 TMC of water from Markandeya River under Stage-II, a total of 2568.42 ha of land of 12 villages of Gokak taluk. The DPR of the project is administratively approved for Rs.107.16 crores in Jan-2018 and at present, the works are under progress.

21. Strengthening and raising of Galgali barrage:

Galagali Bridge cum Barrage is constructed across River Krishna between Galagali & Chikka Galgali villages in Bilagi Taluka of Bagalkot District in 1973. The storage capacity of the barrage is 0.569 TMC. The barrage was planned to provide irrigation facilities to a notified area of 7448 acres located on both banks of the river apart from meeting drinking water requirements of 20 villages located on the banks in summer. To cater the rising demand of drinking water requirements of villages in Vijayapura and Bagalkot district, the present barrage has to be strengthened and storage capacity of the barrage increased from 0.569 tmc capacity to 1.244 tmc. Presently, the works are under progress.



22. Salapura LIS:

Under Salapur LIS it is proposed to irrigate the land deprived from irrigation by both Rameshwara & Veerabhadreshwara LIS. It is proposed to lift water from Ghataprabha River near Chikkur Thanda of Mudhol taluk, Bagalkot district and irrigate 10878 ha area from 19 villages of Ramadurga taluk, 1832 ha of area from 6 villages of Badami taluk and 290 ha of area of 2 villages of Mudhol taluk, totalling 13000 ha. The DPR of the project is administratively approved for Rs.566 crores in March-2018 with a condi-

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tion to take up the works in two stages of Rs.327.00 crores & Rs.239.00 crores. At present, the 1st stage works estimated at Rs.327.00 crores are under progress.

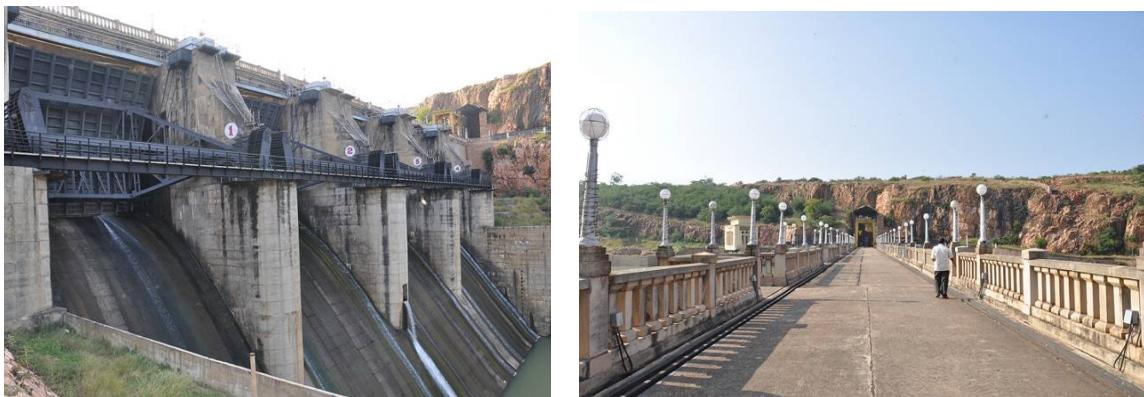


23. Kittur Tank Filling Scheme

Under this project it is proposed to fill 64 tanks of Kittur and Bailhongal Constituency. Due to reduction in inflow to these tanks over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. The DPR of the project is administratively approved for Rs.248.20 crores in Nov-2017 and at present, the works are under progress.

24. Malaprabha Project:

Under this project it is proposed to irrigate 1,96,132 Ha areas of Belagavi, Dharwad, Gadag & Bagalkot District by constructing a dam across the Malaprabha river near Munolli village of Saundatti Taluk. Presently, the Dam & Canal works are completed and FIC works are under progress.



25. Modernisation of Malaprabha Main Canal and Distributaries

The Malaprabha main canal and distributaries have been constructed 35 years ago in a phased manner and with time the canals have dilapidated in reaches making it difficult to provide water to the tail end. Hence the modernization of Malaprabha Main Canal & selected reaches of distributaries are taken up at an estimated cost of Rs.1120.00 crores and the works are nearing completion. Further for efficient supply of water upto the tail end, it is necessary for taking up modernisation of balance main canal, distributaries and sub distributaries. Accordingly, under 2nd stage modernisation works estimated at a cost of Rs.1000.00 crores are approved in Oct-2019 and at present the works have been started.

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26. Amargol LIS and Gobbargumpi LIS

The Amargol Lift Irrigation Scheme has been taken up to irrigate the suffering 1696 ha area of the last part of the Sub Distributary 17L of D-6 Distributary of Nargund Branch Canal by lifting water from Bennehalla near Amargol village. And the Tupparihalla LIS Project has been envisaged to provide irrigation to the suffering 2160 ha area of the last part of the D-6 Distributary Canal by lifting water from Tupparihalla, the main sub distributary of Bennehalla near Gobbargumpi village. The works are taken up in a single package estimated at Rs.48.08 crores. The project is completed and dedicated to the nation.

27. Kalasa Nala and Bandura Nala Diverstion Project:

- a) Kalasa Nala Diversion Scheme: The DPR for diversion of 1.72 tmc of water from Kalasa Nala and Haltara Nala to Malaprabha River is prepared as per the Gazette published by the Central Government on 27-02-2020 for the verdict of the Mahadayi tribunal dated 14-08-2018. The works will be taken up after obtaining necessary clearance for the DPR.
- b) Bandura Nala Diversion Project: The DPR for diversion of 2.18 tmc of water from the west flowing Bandura Nala to Malaprabha River is prepared as per the Gazette published by the Central Government on 27-02-2020 for the verdict of the Mahadayi tribunal dated 14-08-2018. The works will be taken up after obtaining necessary clearance for the DPR.

28. Shiggaon Lift Irrigation Scheme:

The scheme is proposed to irrigate 9900 ha by sprinkler and 3600 ha by drip irrigation & provide drinking water facility to Shiggaon, Savanur and Hanagal taluks of Haveri district. Sprinkler irrigation system has been adopted to irrigate 9900 ha area and the works are completed. The project has been dedicated to the nation. Further, the scheme of filling 18 tanks under this project is completed and the scheme of filling 39 tanks is under progress.

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29. Savanur Lift Irrigation Scheme:

Savanur lift irrigation scheme is proposed to irrigate 15500 ha of area in 30 villages of Savanur taluk and also filling of 09 tanks by lifting 1.5 TMC of water from Varada River near Kalasuru village of Savanur Taluk. The works of filling 48 MI tanks are under progress & head works are nearing completion.



30. Modernisation of Kolachi Right Bank Canal:

Kolachi Wier has been constructed across the Malaprabha River near Kolachi village in Ramadurga taluk of Belagavi district. The Kolachi Right Bank Canal is 49 km long providing irrigation facilities to 5877 ha area. The project was completed long before and presently modernization works are taken up in 05 packages. At present, 04 Package works are completed.



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31. Filling of tanks in Siddhanabhavi, Bendageri and Muthnal villages, Belagavi taluk from Malaprabha river:

Under this project it is proposed to lift 0.0285 TMC of water from Malaprabha River near Parishwad village to fill the tanks of Siddhanabhavi, Bendageri and Muthnal villages of Belgavi Taluk. The DPR of the project is administratively approved for Rs.12.57 crores in March-2017 and at present, the works are under progress.



32. Filling of tanks from Tuparihalla

Under this project it is proposed to fill MI tanks of Tadakoda, Bhokyapura, Garaga, Halethegooru, Bo-gooru and Neeralakatti villages of Dharwad Taluk from Tuparihalla by utilising 0.164 tmc of water. The DPR of the project is administratively approved for Rs.22.50 crores in March-2017 and at present, the works are under progress.



33. Filling of tanks and bandharas of Haliyala taluk of Uttara Kannada:

Under this project it is envisaged to fill 46 tanks and 19 barrages in Haliyal taluk of Uttara Kannada district by lifting 0.812 TMC from the Kali River. It is intended to provide irrigation to the farmers during summer and to provide drinking water to people and cattle during January to June and to replenish ground water level. The DPR of the project is administratively approved for Rs.220.00 crores and at present, the works are under progress.

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34. Filling of MI tanks of Kalaghhatagi taluk in Dharwad district from Bedti river.

Under this project it is proposed to construct a barrage across the river Bedti near Belavantara village and lift 0.449 TMC water to fill 35 tanks of Kalaghhatagi taluk in Dharwad district to 50% of their total storage capacity. It is intended to provide irrigation, provide drinking water to people and cattle around the tanks, to replenish ground water level and to facilitate agricultural activities. The DPR of the project is administratively approved for Rs.125.00 crores and at present, the works are under progress.



35. Filling of 129 tanks in Mundgod taluk:

Under this project, it is proposed to lift 1.48 tmc of water from Bedthi River during rainy season to fill 129 MI tanks in drought prone areas of Mundgod taluk, Uttara Kannada District, upto 50% of its capacity. Presently, the works are under progress.

36. Filling of 84 tanks in 05 Gram - Panchayats of Mundgod taluk:

Under this project, it is proposed to fill 84 MI / ZP tanks in 05 Gram Panchayats (Malagi, Phala, Katturu, Khodambi and Onnikeri) of Mundgod Taluk, Uttara Kannada district by lifting 0.2 tmc of water from Kavalagi halla, a distributary of Bedthi River. Due to reduction in inflow to these tanks over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and

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also assist in ground water recharge. The DPR of the project is administratively approved for Rs.225.00 crores in Oct-2019 and at present, the works are under progress.

37. Bagewadi Tank Filling Scheme

Under this project it is envisaged to fill 62 nos of Tanks and provide bulk water supply for 47 villages in Belgavi Rural constituency by lifting 0.469 Tmc of water from Malaprabha River near Hirehattiholi. The DPR of the project is administratively approved for Rs.379.92.00 crores in Jan-2019 and at present, the works are under progress.



38. Hingaragi Tank Filling Scheme

Due to reduction in inflow over the years to 13 tanks in Hingaragi Hobli of Belagavi taluk, there is a severe stress for drinking water in the area. In view of this, the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge by lifting 0.175 tmc of water from Markandeya river. The DPR of the project is administratively approved for Rs.143.53 crores and at present, the estimate & DTP for the works is under preparation.

39. Upper Tunga Project

Upper Tunga project envisages construction of new dam across Tunga River at 100.00 meter down stream of existing Tunga Anicut near Gajanur in Shimoga Taluk and construction of Upper Tunga Main Canal for a length of 258.00 km. It is intended to provide irrigation facilities to an area of 80,494 ha in the districts of Davanagere, Shivamogga and Haveri. Out of 258.00 km, 230.00 km of main canal works are completed and works of km 230.00 to km 245.00 is under progress. Balance works are to be started. There are 6 distributaries under this project and all the works are completed except for Dy.6.

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UTP : Ch.218.100 km Main Canal



UTP : Dy.2 Ch.50+100 km aqueduct

40. Modernisation of Tunga Anicut:

Under this project, it is proposed to modernise the existing left & right bank canal of Tunga Anicut. The works of Package-1 (0-32 km) and Package-2 (32 to tail end) are under progress.



Tunga Anicut Canal km-4



Tunga Anicut Canal km-3



Modernisation works of Tunga Anicut LBC km-21.79 to 21.92 km



41. Basapura Lift Irrigation Scheme:

Under this project it is proposed to lift 0.6 tmc of water in two stages from the right bank of Varada River near Basapura village to irrigate 2000 ha of area in 13 villages of Hangal Taluk of Haveri District. Both the stages of works are completed and 2000 ha of area is brought under irrigation.

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Jackwell cum pumphouse



Pumping Machinery (3+1)



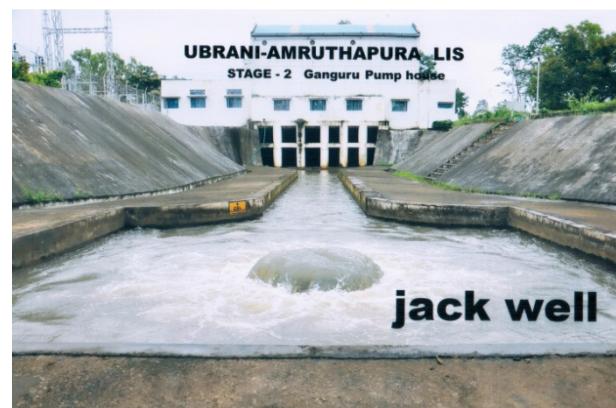
1st Stage Delivery Chamber



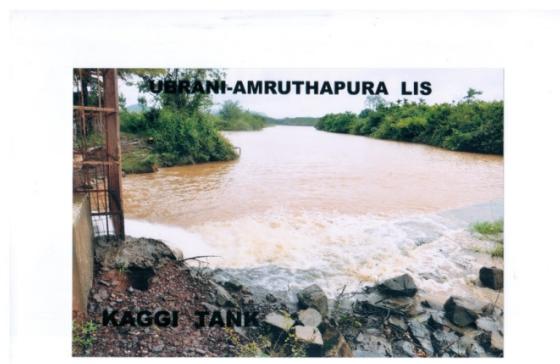
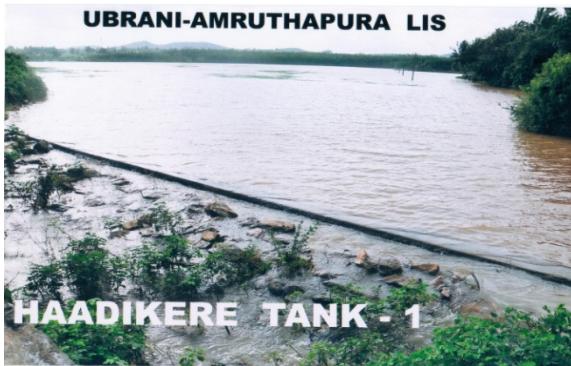
Delivery Chamber Head Regulator

42. Ubrani-Amruthapura Lift Irrigation Scheme:

It is proposed to fill of 89 Tanks of Channagiri Taluk & 57 Tanks of Tarikere Taluk and to replenish ground water resources for drinking purposes through this project. This project comprises of 2 stages and works under both stages are completed & project is commissioned. Further, the works extension of pipeline and filling of tanks is in progress.



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43. Development of Canals of Ambiligola and Anjanapura Project

Ambiligola Reservoir Project has been constructed at Ambiligola across Kumudvathi River during 1954-65 at the Junction of Sallur-Halla joining Kumudvathi River to provide irrigation to about 7,908-13 acres of land for monsoon crops. Anjanapura Reservoir Project has been constructed during 1927-30 across Kumadvathi river at Anjanapur village located in Shikaripura taluk, Shimoga District to provide irrigation facilities to about 6736 Hectare lands. Presently the development works of canals are taken up at an estimated cost of Rs.38.00 crores and are nearing completion.

44. Kachavi Tank Filling Scheme:

Kachavi TFS is proposed near village Kachavi in Soraba Taluk of Shivamogga district by lifting 0.15 TMC of water from Varada River to augment scarcity of water in 11 villages by feeding 21 tanks in these villages. The DPR of the project is administratively approved for Rs.16.50 crores and at present, the works are under progress.

45. Dharma Modernisation:

Dharma Dam was constructed across Dharma River near Yemgalli village, Mundagod Taluka, Uttara Kannada District in 1994. Irrigation is being provided to about 7692 Ha land. The project has already been completed and modernisation works have been taken up. The works are completed.

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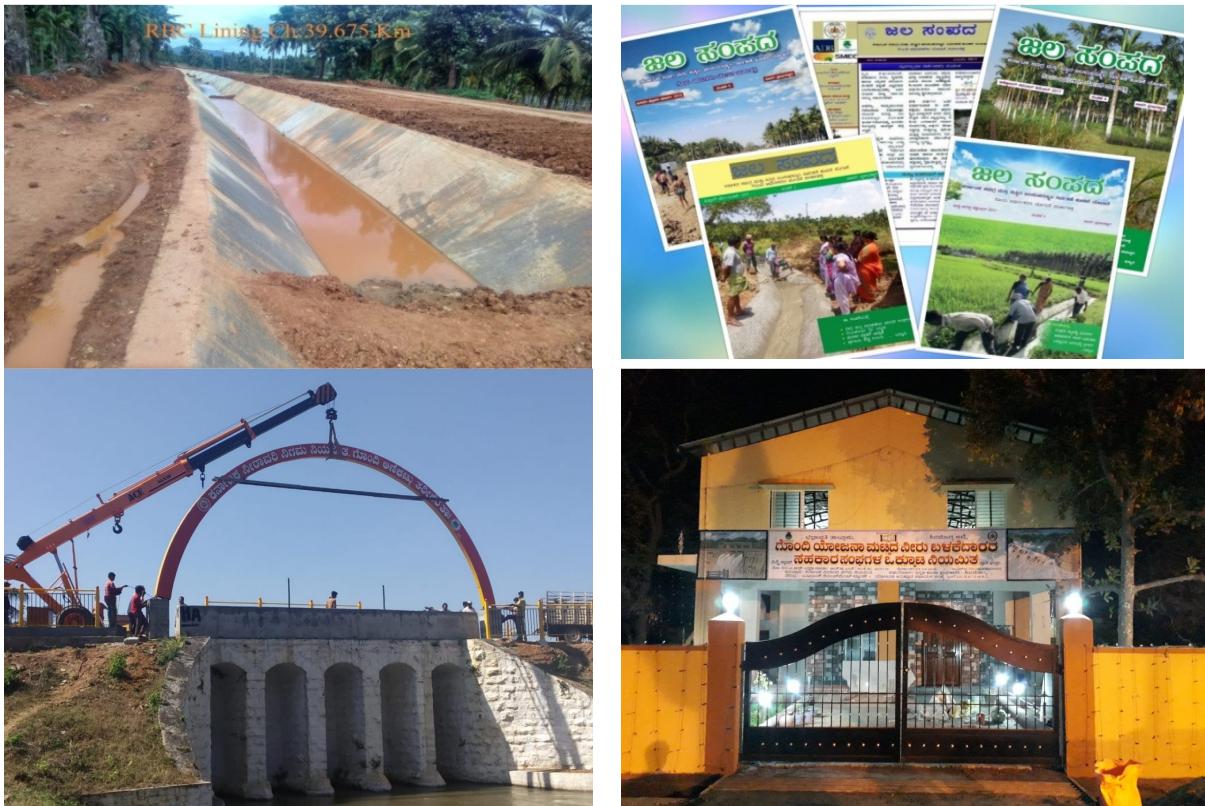


46. Bhadra Canal Network Modernisation:

Bhadra reservoir was constructed across Bhadra River near Lakkavalli village, Chikkamagalur District during 1947-1959. Irrigation is being provided to 105570 ha land of Chikkamagalur, Davangere and Shivamogga Districts. The Bhadra Canal System has been constructed without lining and the modernisation works of Bhadra canals have been taken up in 2008. Most of the works have been completed and remaining works are in progress.

47. Gondi Canal Network Modernisation:

Gondhi Anicut is constructed across river Bhadra, near Gondhi in Shivamogga Dist. during 1926. The total storage capacity of the anicut is 0.37 TMC and an area of 4600 ha is being irrigated. The Canal System has been constructed without lining and in order to develop the Canal Network, modernization works have been taken up through the financial assistance of Asian Development Bank. All the works are completed as of Dec-2019 end.



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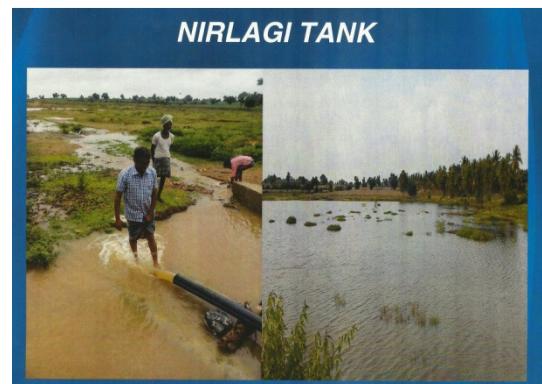
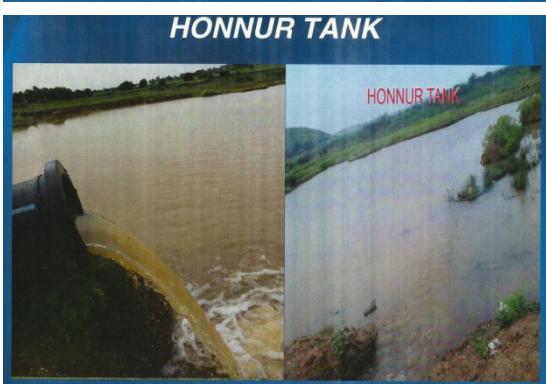
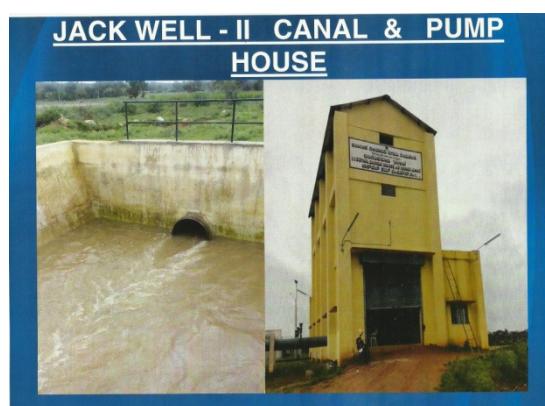
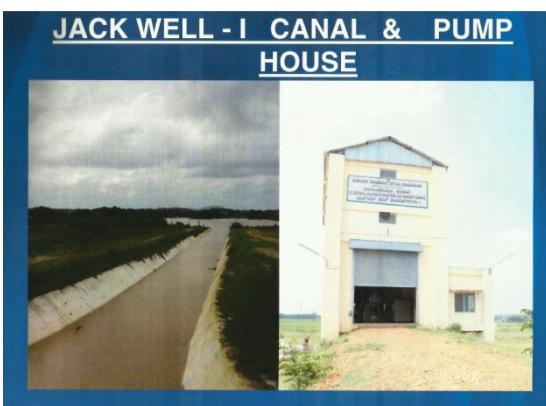
48. Hodirayanahalla Diversion Scheme:

Under the Hodirayana Halla Diversion Scheme it is proposed to irrigate 1296 ha of suffering atchkat of Jambadahalla by diverting surplus water from Hodirayanahalla to Jambadahalla Reservoir, which flows parallel to Jambadahalla. In addition to this 243 ha of new area will also be brought under irrigation. At present the works are completed.

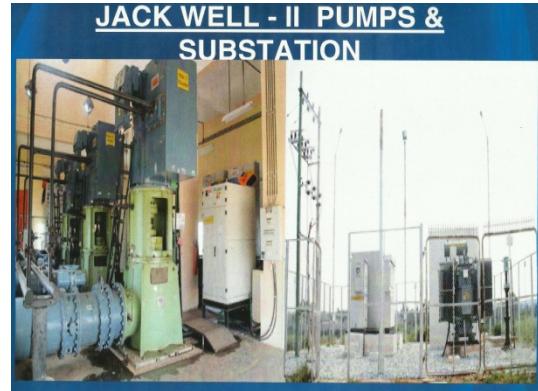
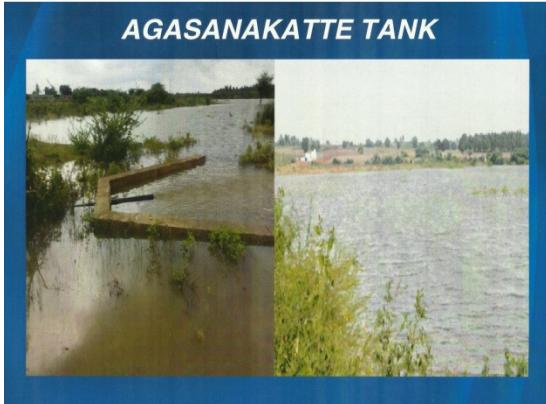


49. Rajanahalli Lift Irrigation Scheme

Under this project, water is lifted from Tungabhadra River near Rajanahalli village, Harihara Taluka, Davanagere District to fill 22 tanks located in Davanagere, Jagaluru and Harapanahalli Taluks. The works were entrusted on turnkey basis and have been completed. The scheme has been extended for filling up tanks of Bharamasagara Dodda kere, Sanna kere and Yemmehatti kere in Chithradurga taluk at an estimated cost of Rs.14.50 crores and this work is also completed. Further, construction of weir is taken up under this project and the works are nearing completion.



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50. Development of Kanaka Sarovara (Doddakere) in Kaginele village

The Kanaka Sarovara (Doddakere) in Kaginele village is spread over an area of about 280 acres it is believed that the saint poet Kanakadasa used to worship Sri Adikesava after taking a dip in this lake and it is envisaged to develop the tank in a comprehensive manner, accordingly it is proposed to develop the tank bund, construct an island, a park, musical fountain, pathway and to provide other facilities. The DPR of the project is administratively approved for Rs.14.15 crores and at present, the works are under progress.

51. Varahi Irrigation Project

A diversion wier has been constructed to the westward flowing Varahi river at Horiyabbe near Siddapur in Kundapur taluk of Udupi district. It is intended to provide irrigation facility to about 15,702 ha of area covering 33 villages of Kundapur and 35 villages of Udupi through this project. Works are under progress.



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52. Sasvehalli Tank Filling Scheme

The Sasvehalli LIS is proposed to be executed in 2 stages. Under the first stage it is intended to fill 27 tanks under the Channagiri assembly constituency of Channagiri Hobli in Chennagiri taluk from Tungabhadra River near Sasvehalli, 11 tanks under the Mayakonda assembly constituency of Davanagere taluk, 4 tanks under the Honnali assembly constituency and 1 tank under the Shivamogga rural assembly constituency. In the second stage, water will be lifted from the Shantisagara tank in the Channagiri taluk to fill 24 tanks of Santebennur hobli of Channagiri taluk, 19 tanks of the Mayakonda Assembly constituency of Davanagere taluk, 3 tanks of Chitradurga taluk and 3 tanks under the Holalkere Assembly constituency. The DPR of the project is administratively approved for Rs.415.68 crores and at present, the works are under progress.

53. Filling of Ranebennur Doddakere and other 03 tanks

Under this project it is intended to fill Ranebennur Doddakere in Ranebennur taluk of Haveri district and 3 other nearby tanks by lifting water from Tungabhadra River. Due to scarcity of rainfall the tanks are not filled up to the expected level and this has created a shortage of water to people and cattle. Hence it is proposed to fill these tanks to 50% of their capacity and thereby get rid of shortage of water and to replenish ground water resources. The DPR of the project is administratively approved for Rs.31.00 crores in July-2017 and at present, the works are under progress.



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54. Filling of 50 tanks in Harapanahalli taluk:

Under this project it is envisaged to lift water from Tungabhadra near Chikkabidare village to fill 50 tanks in the drought-prone Harapanahalli taluk. The DPR of the project is administratively approved for Rs.227.00 crores in July-2017 and at present, the works are under progress.

55. Filling of Durgadevi and Bahugrama tanks of Hirekerur town by lifting Kumadwathi water from Madaga Masuru tank at Hirekerur taluk, Haveri district

This project envisages filling 8 tanks of Durgadevi and adjoining tanks in the town of Hirekerur to 50% of their capacity by lifting 0.067 TMC of water from the river Kumadvathi by constructing a Jackwell and Pumphouse at Thippayikoppa village of Hirekerur taluk. The DPR of the project is administratively approved for Rs.140.00 crores in Oct-2017 and at present, the works are under progress.



56. Madluru Tank Filling Scheme:

This project envisages filling 13 tanks of Hirekerur taluk and 2 tanks of Byadagi taluk in Haveri district to 50% of their capacity by lifting water from the river Varada by constructing a Jackwell and Pump-house at the upper part of Honkana barrage near Thiluvalli village of Hanagal taluk. The DPR of the project is administratively approved for Rs.38.00 crores in Oct-2017 and at present, the works are under progress.



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57. Guddadamadapura Tank Filling Scheme:

This project is envisaged to fill 13 tanks in Hirekerur taluk of Haveri district by lifting 0.037 tmc of water from Tungabhadra River. The DPR of the project is administratively approved for Rs.23.00 crores in Feb-2018 and at present, the works are under progress.



58. Filling of 17 tanks in Asundi and adjoining areas:

Asundi LIS is intended to lift water from Kumadwathi River to fill Asundi and 17 surrounding tanks of Ranebennur, Byadagi and Hirekerur taluk in Haveri district. The DPR of the project is administratively approved for Rs.79.80 crores in Dec-2017 and at present, the works are under progress.



59. Filling of 32 tanks of Banavasi Hobli in Sirsi taluk, Uttar Kannada district:

Due to shortage of inflow of water to tanks in Sirasi taluk, the tanks are getting dry thus causing shortage of water to the dependent farmers. Also in the light of borewells also going dry in the region it is envisaged to fill 32 tanks of Banavasi hobli of Sirasi taluk in Uttara Kannada district by lifting 0.107 tmc of water from Varada River. The DPR of the project is administratively approved for Rs.62.58 crores in Dec-2017 and at present, the works are under progress.

60. Hosalli Tank Filling Scheme:

Due to reduction in inflow over the years to 75 tanks of Shivamogga taluk and Anjanapura reservoir in Shikarpura taluk, there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity, assist in ground water recharge and providing drinking water facility to towns of Shikarpura &

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Shiralkoppa taluk and surrounding villages. The DPR of the project is administratively approved for Rs.250.00 crores in Aug-2019 and at present, the works are under progress.

61. Filling of 31 MI / ZP tanks of Soraba taluk – Mugur Tank Filling Scheme

Due to reduction in inflow to the tanks in Soraba taluk over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift 0.22 tmc of water from Varada River near Mugur village during 03 months in monsoon season and fill 31 MI / ZP tanks in Soraba taluk. The DPR of the project is administratively approved for Rs.105.00 crores in Aug-2019 and at present, the works are under progress.



62. Filling of 66 MI / ZP tanks of Soraba taluk – Mudi Tank Filling Scheme

Due to reduction in inflow to the tanks in Soraba taluk over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift 0.35 tmc of water from Varada River near Mudi village during 03 months in monsoon season and fill 66 MI / ZP tanks in Soraba taluk. The DPR of the project is administratively approved for Rs.285.00 crores in Aug-2019 and at present, the works are under progress.



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63. Filling of 186 MI / ZP tanks in Udagani-Talagunda-Hosuru hoblis.

Due to reduction in inflow to the tanks in Shikaripura taluk over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift 1.53 tmc of water from Tungabhadra River near Puradakere village of Hierkerur taluk during 04 months in monsoon season and fill 186 MI / ZP tanks in Shikapura taluk. The DPR of the project is administratively approved for Rs.850.00 crores in Aug-2019 and at present, the works are under progress.

64. Filling of 46 (total 53) MI / ZP tanks in Jagalur taluk:

Due to reduction in inflow to the tanks in Jagalur taluk over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift 1.37 tmc of water from Tungabhadra River near Dituru village of Harihara taluk and fill 53 MI / ZP tanks in Jagalur taluk. The DPR of the project is administratively approved for Rs.660.00 crores in Aug-2019 and at present, the works are under progress.

65. Filling of 38 tanks in Bharamasagara Hobli and 01 tank in Davanagere taluk:

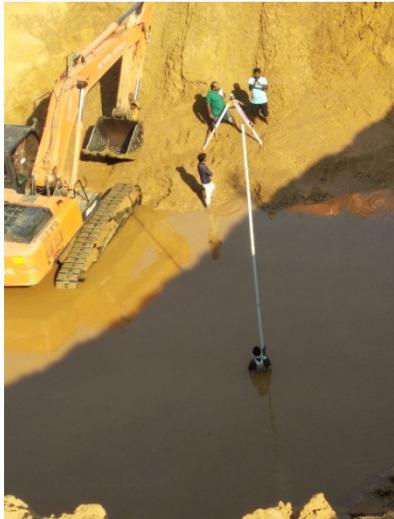
Due to reduction in inflow to the 38 tanks in Bharamasagara hobli & 01 tank Davanagere taluk over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift 0.514 tmc of water from Tungabhadra River near Rajanahalli village of Harihara taluk and fill 39 MI / ZP tanks in Bharamasagara Hobli & Davanagere taluk. The DPR of the project is administratively approved for Rs.522.11 crores in Sept-2019 and at present, the works are under progress.



66. Anur Tank Filling Scheme

Due to reduction in inflow to the tanks in Byadagi taluk, Haveri district over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift 0.50 tmc of water from Tungabhadra River near Choudanapura village and fill 30 tanks of 18 villages in Byadagi taluk. The DPR of the project is administratively approved for Rs.212.00 crores in Oct-2019 and at present, the works are under progress.

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67. Budappanahalli Tank Filling Scheme

Due to reduction in inflow to the tanks in Byadagi taluk, Haveri district over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift 0.30 tmc of water from Tungabhadra River near Kotihal village and fill 17 tanks in Byadagi taluk. The DPR of the project is administratively approved for Rs.157.00 crores in Oct-2019 and at present, the works are under progress.



68. Balambeedu Tank Filling Scheme

Due to reduction in inflow to the tanks in Hanagal taluk, Haveri district over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift water from Varada River and fill 162 tanks in Hanagal taluk. The DPR of the project is administratively approved for Rs.386.55 crores in Oct-2019 and at present, the works are under progress.

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69. Hirekoushi tank Filling Scheme

Due to reduction in inflow to the tanks in Hanagal taluk, Haveri district over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift water from Varada River and fill 77 tanks in Hanagal taluk. The DPR of the project is administratively approved for Rs.117.55 crores in Oct-2019 and at present, the works are under progress.

70. Sarvagna Tank Filling Scheme

Due to reduction in inflow to the tanks in Hirekerur & Rattihalli in Haveri district over the years there is a severe stress for drinking water in the area. In view of this the project is taken up to solve the drinking water problem of the area by filling these tanks to 50% of their storage capacity and also assist in ground water recharge. Under this project, it is proposed to lift 0.417 tmc of water from Tungabhadra River and fill 77 tanks in Hirekerur & Rattihalli. The DPR of the project is administratively approved for Rs.185.00 crores in Oct-2019 and tender process is under progress.

71. Sowkuru Lift Irrigation Scheme

Under this project, it is proposed to lift 0.589 tmc of water near Sowkuru village on the upstream side of Salt Water Exclusion Dam constructed across Varhi River near Balkur village, Kundapur taluk and provide irrigation to 1350 ha of area under Sowkuru, Karkunje, Kenchanooru, Devalakundkanyana and surrounding villages in Kundapura taluk, Udupi district. The DPR of the project is administratively approved for Rs.73.71 crores in August-2019 and at present, the works are under progress.

72. Yennehole Lift Irrigation Scheme

Under this project, it is proposed to construct a vented dam near Ajekar village in Karkala taluk, Udupi district and provide irrigation to 1500 ha of area under Ajekar, Marne, Koranjibailu, Bolthottu, Higana, Devese, Mundhal, Hermade villages. The DPR of the project is administratively approved for Rs.108.00 crores in Oct-2019 and at present, the works are under progress.

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73. Bennithora Modernisation Works:

Bennithora dam is constructed across Bennithora River near Herura Village, Chittapur Taluka, and Kalaburgi. An area of 20234 ha in Kalaburagi district is being brought under irrigation through the two canals of this project and 5.75 TMC water can be utilised under this project. Embankment and Spillway works of the dam is completed and water is being stored since 2001. Presently, modernisation works are nearing completion.



LBC km 29.50



LBC km 28.50



LBC km 29.80

74. Bhima Lift Irrigation Scheme:

Under the Bhima LIS a barrage is constructed near Sonna village Afzalpur Taluk in Kalaburgi District to irrigate 24,292 Ha areas. At present most of the works of the project are nearing completion.



BLIS Barrage upstream view



Allagi jackwell cum pump
House



Balundagi Delivery Chamber

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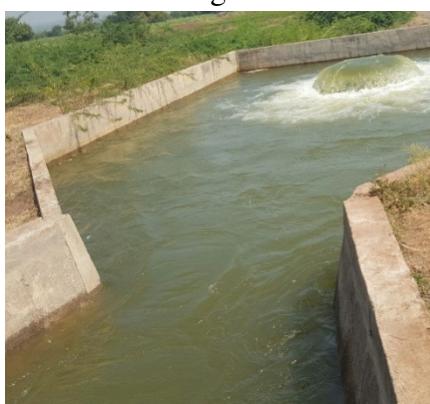
Bankalga R C



M-7 of D-15 of Balundagi



Balundagi Main canal



Allagi delivery Chamber



D-18 of Allagi



D-1 of Balundagi

75. Gandorinala Modernisation Project:

Under the Gandorinala Project, a dam is constructed near Belkota village in the Kalburgi taluk and irrigation facilities have been provided to a total of 7943 Ha lands in the drought-prone areas pf Kalburgi district by utilising 1.99 TMC of water. The main canal of the project has been constructed 15 years ago and some of its parts have gradually reached dilapidated stage. The modernisation works are taken up at an estimated cost of Rs.92.00 crores and are under progress.



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76. Modernisation of Canal Network of Lower Mullamari Project:

Under the Lower Mullamari Project, a dam was constructed in 1972 across river Mullamari, a tributary to the river Kagina of Krishna basin, near Nagaral village in Chincholi Taluk of Kalaburgi District and irrigation facility has been provided to 9713 ha area utilising 2.61 TMC of water. The project has been completed many years ago and some of its parts have gradually reached dilapidated stage. The modernisation works are taken up at an estimated cost of Rs.117.00 crores and are under progress.



77. Amarja Project:

This project was taken up in order to provide irrigation facility to 8903 ha of land coming under the villages of Alanda and Afzalpur taluks by storing 1.554 TMC water in the dam constructed across Amarja River near Sangolgi village in Aland Taluk of Kalaburagi district. The construction of the dam is completed and out of the total 8903 ha, irrigation facility has been provided to 8729 ha area.



78. Bori LIS:

The scanty rainfall during the recent years has caused a reduction in the water level in borewells, open wells and tanks in Kalburagi District, due to which there is a severe stress for drinking water in Alnad and Afzalpur taluks of Kalburagi. Hence, the scheme envisages lifting 1.00 tmc of water during monsoon / flooding from Bori River, a tributary of Bhima River near Balundagi village to augment 60% of the deficit quantum of water in Amarja reservoir & 50% storage capacity 10

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MI tanks in Afzalpur taluk & 3 MI tanks in Aland taluk. The DPR of the project is administratively approved for Rs.450.00 crores in Feb-2018 and at present, the works are under progress.



79. Karanja Project:

Karanja project is located near Byalahalli village in Bhalki Taluk of Bidar District. It is proposed to irrigate 29,227 ha. of Bhalki, Bidar and Humnabad taluka of Bidar through this project. Works are nearing completion.



80. Modernisation works of Karanja Canals:

Under the Karanja Irrigation Project, a dam has been constructed near Byalahalli village of Bhalki taluk in Bidar district, to provide irrigation facility to an area of 29227 ha in the taluks of Bhalki, Bidar and Humnabad. The main canal was constructed about 30 years ago and the canals have gradually reached a dilapidated state. Due to this it has become difficult to provide water to the tail end of the canals. Hence it is intended to take up modernization works at selected reaches of the canals of Karanja project. The DPR of the project is administratively approved for Rs.482.00 crores in Nov-2017 and at present, the works are under progress.

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81. Supplemental project of providing water from Manikeshwara and Halahalli Barrage between km 60 to 90 of Right Bank Canal to make good the shortage in the inflow of Karanja Reservoir

The Karanja Irrigation Project has been constructed near Byalahalli village of Bhalki taluk in Bidar district. It is envisaged to provide irrigation facility to an area of 29227 ha in the taluks of Bhalki, Bidar and Humnabad through this project. Works are nearing completion. Further in order to augment the reduction in inflow to the Karanja Reservoir it is proposed to provide supply from Manikeshwara and Halahalli barrage between km 60 to 90 of right bank canal. The DPR of the project is administratively approved for Rs.126.85 crores in Sept-2017 and at present, the works are under progress.

82. Upper Mullamari Modernisation Works:

Under this project a dam is constructed across Mullamari River. Outlet potential of 3279 ha has been created in Humnabad, Basavakalyana, and Kalaburgi Talukas of Bidar & Kalaburgi Districts. The project is completed long back. The main canal of the project has been constructed 30 years ago and some of the parts have reached dilapidated state. Hence modernisation works of canal network is taken up at an estimated cost of Rs.68.60 crores and at present, the works are under progress.

83. Filling of Chulkinala Reservoir and tanks by lifting water from Kongali Barrage in Basavakalyana taluk

It is envisaged to fill Chulkinala Reservoir and 15 tanks in the taluk of Basavakalyana by lifting 0.768 tmc of water from Kongali barrage near Jamakhandi village of Basavakalyana taluk in Bidar district through this project to provide drinking water to people and cattle and to replenish ground water resources. The DPR of the project is administratively approved for Rs.188.00 crores in Aug-2017 and at present, the works are under progress.

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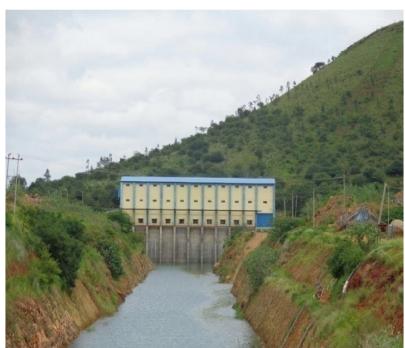


84. Modernisation of Tungabhadra Canal Network:

The Tungabhadra Project is a multipurpose inter-state project and the Tungabhadra Dam has been constructed near Mallapur in Hospet taluk of Ballari district across the Tungabhadra River. Irrigation facility has been provided through canals on both banks to an extent of 3,62,938 ha in Ballari, Raichur and Koppal districts of Karnataka State. The dam and canal works of this project has been completed. The modernization works amounting to Rs.3161.35 crores has been taken up and works are under progress.

85. Singatalur Lift Irrigation Scheme:

It is proposed to irrigate 107380 Ha (19,587 ha through flow & 87,793 ha through Drip) of Huvinahadagi, Koppal, Yalburgi, Gadag, Mundargi talukas of Bellary, Koppal & Gadag Districts. Barrage construction works are completed. The construction of 40.13 km long right bank canal is completed. Presently, the works for providing drip irrigation to an area of 71074 ha under the 166.44 km long left bank canal are under progress.



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86. Ola Bellary Lift Irrigation Scheme:

The Ola Bellary Lift Irrigation Scheme is located in Sindhanur Taluk of Raichur District. Under this project it is proposed to irrigate 2542 ha of suffering atchkat in the tailend of Tungabhadra project. Presently, the works are nearing completion.



87. Modernization Of Vijayanagar Canals :

The Vijayanagara Channel system has been built during the period of Vijayanagara Empire. Under this project an area of about 11,222 Ha in the taluks of Hospet, Ballari, Shiraguppa, Gangavathi, Koppala and Manvi is being irrigated. The DPR amounting to Rs.456.63 crores is administratively approved and the works are taken up with the loan assistance of the Asian Development Bank. The works are under progress.



88. Rajoli Banda Project:

Under this project 2380 Ha outlet potential is created from the water available from the lower basin of Tungabhadra reservoir and from the regenerated water of Tungabhadra project. The project is completed and modernization works are under progress.

89. Filling up of 10 Tanks in Huvina Hadagali taluk from Tungabhadra River:

The work of filling up of 10 tanks from upstream of Tungabhadra reservoir in Huvina Hadagali constituency was entrusted on turn key basis and the works are nearing completion

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90. Alvandi Betageri LIS:

Under this project, it is proposed to provide irrigation facility through canal to 2425 ha of land in the drought prone region in Koppal taluk. The works of headwork and canal network are nearing completion.

91. Filling of Malvi Reservoir in Hagaribommanahalli taluk of Ballari district by Lift Irrigation from Tungabhadra River

Under the Hagaribommanahalli project, a dam has been constructed in 1972 near Malvi village across the river Chikahagari to provide water for the monsoon and post-monsoon crops covering an area of about 2965 Ha. Subsequently due to the reduction in rainfall and due to construction of small tanks in the catchment area in the upstream of the reservoir, adequate water is not being stored in the reservoir. In view of this, it is proposed to feed water to Malvi Reservoir by lifting water from Tungabhadra River in order to make good the shortage of the inflow to Malvi Reservoir. The DPR of the project is administratively approved for Rs.144.95 crores in Aug-2017 and at present, the works are under progress.

92. Filling of 20 Percolation Tanks by lifting water from Tungabhadra near Itagi village in Shirahatti taluk of Gadag district

As the tanks of Shirahatti taluk in the district of Gadag are getting dried up due to reduction of inflow, people and cattle are facing shortage of drinking water and the ground water resources are depleted to a great level creating hardships for the people. Hence, it is envisaged to lift 0.226 TMC water from Tungabhadra River near Itagi village to fill the said 20 percolation tanks. The DPR of the project is administratively approved for Rs.140.00 crores in July-2017 and at present, the works are under progress.

93. Thimmapura LIS:

Thimmapur Lift Irrigation Scheme is proposed for stabilising the suffering tail end area of 34984 acres in TLBC Dy.54 near Turakatti village, Sindhanur Taluk, Raichur District. The DPR of the project is administratively approved for Rs.92.00 crores in Feb-2018 and at present, the works are under progress.

94. Filling of Karadona & Ramadurga tanks:

This project is taken up to augment the reduction in flow to the tanks of Kanagairi area of Gangavathy Taluk and hence ensure adequate drinking water facility in the area. Under this project it is proposed to lift water from the already completed MI scheme “Devalapura and Other tank filling scheme” and supply water to Kardona, Shirwara, Ramdurg and Hoskere tanks upto 50% of their storage capacity. The DPR of the project is administratively approved for Rs.15.00 crores and at present, the works are under progress.

95. Bahaddur Bandi LIS:

The Bahaddur Bandi LIS is taken up to financially strengthen the farmers in Bahaddur Bandi and other 18 adjoining villages which are suffering from reduced rainfall. The project envisages to provide irrigation facility to 5256 ha of land by lifting 0.6 TMC water from Tungabhadra River. It is proposed to take up the works in two stages at an estimated cost of Rs.188.41 crores. At present, the Stage-1 of the project is administratively approved for Rs.80.00 crores and the works are under progress.

96. Augmentation of Ganekal Balancing Reservoir from Krishna River

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The Ganekal balancing reservoir in Raichur taluk is being filled by the Tungabhadra LBC at Mile-109 and has a storage capacity of 0.745 tmc. It provides drinking water facility to Raichur city and enroute villages. Due to the siltation in Tungabhadra Dam, it is not possible to fully utilize the storage in Tungabhadra dam and provide drinking water facility to Raichur city and enroute villages. Hence, it is proposed to fill Ganekal Balancing Reservoir by lifting water from Gugal barrage constructed across Krishna River and make good the shortage in drinking water supply. The DPR of the project is administratively approved for Rs.189.22 crores and at present, the tender process is under progress.

97. Filling up of 13 tanks and providing drinking water facility to 21 villages in Hospete taluk

It is proposed to lift 0.223 tmc of water from Tungabhadra River near Anegundi during the 03 months of monsoon season for filling 18 tanks (including 03 percolation tanks), 04 series check dams and providing drinking water facility by construction of reservoirs for mining affected village of Hospete taluk. The DPR of the project is administratively approved for Rs.243.35 crores and at present, the tender process is under progress.

98. Filling of Aladamma Kere in Sugnahalli village in Bannikoppa Gram Panchayati, Shiratti taluk, Gadag district

It is proposed to fill Aladamma kere in Sugnahalli village and tanks in Bannikoppa village by lifting water from Tungabhadra River so as to make good the shortage in inflow to these tanks. The DPR of the project is administratively approved for Rs.10.00 crores and at present, the estimate & DTP for the work is under preparation.

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