

Status of projects as on March – 2009

1) GHATAPRABHA PROJECT:

(i) **Dam & Allied works**: Completed.

(ii) **Ghataprabha Right Bank Canal**: Out of total length of 199.093 kms a length of 119 km has been completed. Water let out for irrigation upto Km 132 & trial run upto km.160. Works are completed upto Km.119 (except balance lining in Km 82, 83 & 92)123, 124, 128 to 130, 132 to 134, 136 to 143, 148 to 190. In km 120-121 and Km 125 to 126, rescinding of contract is in process. In the remaining reaches works are under various stages of progress upto Km. 199.093. There is a major aqueduct in Km 160 and the work is completed.

Distributaries: There are total 37 distributary blocks under GRBC. Works are completed in distributary blocks 1 to 26, 28 to 30 except Km 13 to 15 in forest of Bl.No.24. Works in Bl.No. 27 is in progress. Works in Bl.No 31 (except Km-3) & 33 are completed. Works in Bl.No. 34 to 37 are in progress.

(iii) **Chikkodi Branch canal (CBC – 88 Km)**: Length completed to its full length of Kms. 88 and water let out for irrigation.

Distributories under CBC (25 Nos.): All works are completed.

(iv) **Ghataprabha Left Bank Canal**: GLBC has been completed to its full length of 109 Km and water has been let out for irrigation in all 61 blocks.

GLBC lining works are taken up under Ghataprabha stage – III. About 80.95 Kms Main Canal lining, 187.85 Kms of Branch Canal lining & 444.38 Kms of Distributary lining work is completed. For the balance reaches, lining works are being taken up in the closure period . Lining works are under progress.

LIFT IRRIGATION SCHEMES UNDER GHATAPRABHA PROJECT

1) **Daddinaganur LIS**: This scheme is proposed to provide irrigation facilities for an area of 2711 Ha for the benefit of PAF's of Hidkal Dam by lifting water from Ghataprabha river. An area of 2164 Ha O.P. is created so far.

There are two stages under this scheme.

(i) Stage-I:

(a) Construction of weir across Ghataprabha river, intake channel, providing & fixing pumping machinery, raising main work & construction & delivery chamber has already been completed.

(b) Canal works: Works completed to its full length of 11 kms.

Works completed in all 13 distributory blocks under first stage.

(c) FIC: Survey work for Bl.No.1 to 7 of 1st Lift is completed.

(ii) Stage-II:

(a) Head works: Head works completed except delivery chamber. Delivery chamber works are completed.

(b) Canal works: Works are completed.

Power Supply: Necessary security deposit has already been paid to KPTCL. KPTCL has already approved an estimate amounting to Rs.177.42 lakhs towards construction of 33 KV overhead line from Hukkeri to Daddinaganur LIS. Agency fixed and work is under progress.

2) Rustumpur LIS: Rustumpur LIS is proposed to provide irrigation facilities for an area of 2752 Ha. for the benefit of PAF's of Hidkal Dam by lifting water from link channel of GRBC. The proposed area of 2752 Ha of O.P. is created so far.

There are two stages under this scheme.

(i) Stage-I:

(a) Head works: Construction of intake channel, Jackwell, providing & fixing of pumping machinery, raising main & delivery chamber have already been completed.

(b) Canal works: Works completed to its full length of 11.50 kms.

All Distributory works are completed.

(c) FIC: Works in Bl.No.1 to 4 of 1st lift are in progress.

(ii) Stage-II:

(a) Head works: All head works are completed.

(b) Canal works: All canal works are completed.

(c) FIC: Estimates are prepared for Bl.No.A to E of 2nd lift and obtaining administrative approval is in process.

Power supply: Power sanction has already been received from KPTCL. Necessary initial deposit has already been paid to KPTCL. 1st stage commissioned on trial basis on 17.04.05 and 2nd stage commissioned on 08.09.07

- 3) **Kotabagi LIS:** Kotabagi LIS is proposed to irrigate 8100 Ha. in Hukkeri & Chikkodi taluks in Belgaum district by lifting water from Ghataprabha river.

There are two stages under this scheme.

(i) Stage-I:

- (a) Head works: Completed.
- (b) Canal works: Right bank lift canal (4.70 Km) and left bank lift canal (5.9 Km) has already been completed.
- (c) Distributory works: Works in all distributory blocks under LBC & RBC have been completed.

(ii) Stage-II:

- (a) Head works: Completed.
- (b) Canal works: RBC completed to its full length of 17.50 Km. Works in all distributory blocks are completed.

Power supply: Power sanction has already been received from KPTCL. Drawing of power line work & Terminal Bay completed and testing is to be done. Stage-I & II commissioned on trail basis during August '07.

Government has accorded administrative approval to the revised project estimate of Ghataprabha Project Stage III amounting to Rs.1435.00 crores vide GO No. WRD 66 NIN 2006, dated 28/7/07.

2) HIPPARAGI PROJECT:

(i) Dam & Allied works:

- a) Barrage proper: The barrage works are completed.
- b) Crest gates: Fabrication & erection of crest gates works completed and water impounded (stored) in the reservoir since 2004.

- (ii) Lifting systems:** The works for the lifting systems of two foreshore LI schemes, namely Halyal and Ainapur on turnkey basis are entrusted. The works of Ainapur lifting system

and Halyal stage-I & II and Karimasuthi 3rd stage and Savalgi –Tungal 4th stage under Halyal LIS are under progress as per the following:

Ainapur LIS: Works of Pump House, Rising main & Delivery Chamber are completed. Length of East canal is 27 Kms & West canal is 52 Kms. Works from Km.1 to 9 of Ainapur East canal are completed & Km 10 to 27 are in progress. Km.No.1 to 9 of West canal is in progress. Tenders for distry. coming under Km.0 to 10 of East canal are in process. Tender for Dy 1 is invited & agency is being fixed. Tenders of Dy 2 to 5 are in approval stage. Estimate of Dy 6 to 9 are awaited from consultants.

Halyal L.I.S.: Works of pump House, Jackwell, Delivery Chamber & Rising Main under Stg-1 & 2 are completed. Work of Intake Canal is nearing completion. Lead off canal works are in progress. Modified Tender is invited for Combined canal. Length of East canal is 39 Kms & West canal is 22.00 Kms. Works of East Canal Km 26 to 35 & West Canal Km 5 to 10, 17 to 22 are completed. Works in Km.No.6 to 39 of Halyal East Canal (except two aqueducts) and Km.No.6 to 22.00 of Halyal West canal are in progress. Rescinding of contract is in process for km.0 to 5 of East Canal and West Canal. Compliance to the observations of TSC is submitted for Designs& Estimates of two aqueducts coming under Km 36 to38 of East Canal. Tenders for Dy. 6 to 11 of East Canal are invited and Re-casted estimates of Dy.1 to 11 of West Canal are under preparation.

Karimasuti L.I.S.: Re-tendering of Pump House & Rising main works is in process. Length of East canal is 75 Kms & West canal is 37 Kms. Works of East canal & combined canal are in progress. Works of East canal from km.1 to 14, 16 to 20,22 to 27 are in progress. Works in Km.13 is completed. Estimate of Km.15 & 21 are submitted to TSC for clearance. Evaluation of tenders is in process for km.28 to 55. Tenders are in process for km.56 to 75. Works of km.1 to 10 of West canal are in progress except Km 9. Estimate for km.9 is submitted to MD for placing before TSC. Evaluation of tenders for km.11 to 37 is in process. Estimates of Dy. 1 to 8 of East canal and alignment proposal for Dy.9 to 19 of West canal are under preparation by the Consultant.

Savalgi-Tungal L.I.S.: Intake canal & Pump House are in progress. Work of Rising main & delivery chamber are completed. Length of East canal is 24 Kms & West canal is 7.40 Kms. Works of Km.1 to 24 of East Canal except km.7 are in progress. Estimate of km 7 is approved by the TSC, inviting of tenders is in process. Works in Km 1 to 7.40 of west canal are nearing completion. Estimates of distributaries coming under East & West Canals are awaited from the Consultant.

Land acquisition:

Submergence: The total submergence of land at FRL is about 3000 ha, out of which 1659 ha (4100 Acres) is cultivable land and 1341 ha (3314 Acres) is in river portion.

Canals: Total extent of cultivable land required for this project is about 9884A 15 Guntas.

The status of acquisition of cultivable land is as follows:

- a) Land acquired so far: 4057 A 24 Guntas
- b) Balance land under different stage of award: 5827A 31 Guntas
- c) An amount of Rs.55.81 crores have been paid towards acquisition of lands.

R&R works

A total of 26 villages consisting of 15,291 families involving a population of 1,04,976 will be affected. Now the government has approved the R&R package amounting to Rs.555.00 crores. Action is being taken to implement the same .

Government has accorded administrative approval to the revised project estimate of Hippargi project amounting to Rs.1521.78 Crores vide GO No. WRD/21/MBI/2008 dated 26.02.2008

The Project is included in the PM's Package and the GOI has released Rs.115.00 crores during 2008 – 09.

3) MARKANDEYA PROJECT:

- (i) **Dam & Allied works:** The dam and allied works have been entrusted to KSCC Ltd. The concreting work of dam is completed, dyke works are also completed. Construction of parapet is completed and electrification work and erection of 6 crest gates are completed.

(ii) Canal works: Total length of Markandeya Left Bank Canal is 15 Kms, works in Km no. 1 to 4 and from Km.6 to 15 are completed. Balance lining work is under progress in Km.5. The Right Bank Canal has a length of 71 kms. Km.1 to 71 are completed. Water is let out on trial run upto Km.71.

Distributories: Total No. of distributory blocks are 45 under Right Bank Canal. All the works are completed except Dy.No.2,3 & 12 which are stopped due to land acquisition problem Under Left Bank Canal Dy.No.3,6A & 6B are completed and balance Dy.works are in progress. The contemplated atchkat is 14,448ha. Dry potential created upto end of Jan '09 is 14,384 Ha.

Chichadi – Murgod LIS: The GOK has accorded administrative approval during April 07 for taking up the LI Scheme. The estimate and DTP for the above lift component was placed before the TSC and has raised certain observations. Tenders will invited shortly after complying the observations. The cost of above scheme is Rs.47.13 crores.(SR of 2003 – 04). The contemplated atchkat is 2718 and 1939 Ha respectively.

(iii) R&R works:

This project involves submergence of 7 villages affecting 833 families consisting of 3800 persons. Two Rehabilitation centers at Santi-Bastiwad and Waghwad are already completed. Shifting of PAFs to these R&R centers is also completed. The third rehabilitation center near Basavana-Kuduchi village in Belgaum dist. has been identified for shifting of balance PAFs. Developmental works at this center are also completed.

Government has accorded administrative approval to the revised project estimate of Markandeya Project amounting to Rs.341.84 crores vide GO No. WRD 08 VEBYAMA 2003 dated 28/7/07.

4) DUDHGANGA PROJECT:

(i) Doodhganga Irrigation Project is an interstate project of Maharashtra and Karnataka. The project envisages construction of composite dam across the river Doodhganga near village Asangaon of Radhanagari taluk in Kolhapur District of Maharashtra state. This project would provide irrigation benefits to 46,948 Ha. in Maharashtra state and 15,167

Ha in Karnataka state. The planned utilisation is 27.43 TMC. Potential created to end of March '08 is 3800Ha. The original estimated cost - Rs.124.00 crore (based on SR of 1999-2000)

(ii) Allocation for Karnataka State – 4.00 TMC

(iii) **Project comprises of:**

- 25.607 Kms. long Nidhori branch canal (as per project report Length=23.607 Km as per actual report Length=25.607 Km)
- 21.875 Kms long Bidri branch canal as per actuals (as per project report Length=48.36Km)
- 9 Kms long Kurundawad branch canal
- 27.70 Kms long Dattawad branch canal (after entering into Karnataka border) with their distribution system

(iv) **Nidhori branch canal (State entry at 25th Km.)**

Total Length of Nidhori branch canal : 25.607 Km

- Works completed from Km.25 to 47. Work for Km. 48 to 50 rescind proposal approved and fresh tender called and works are in progress. All distributory blocks are completed.3617 Ha. of O.P. has been created on NBC.

(v) **Bidri branch canal (State entry at 44th Km.)**

Total Length of Bidri branch canal : 21.195Km

- The works are from Km. 44 to 49 and 54 to 65 are under progress. The works in Km.50 to 52 works rescinded due to land acquisition problems which comes in Maharastra territory. Estimate is in process for balance works in Km.50 to 52. Estimate of tunnel in Km.53 is in process as per the modified alignment. Tenders are invited for tunnel work. For Km.54 to 65 works are in progress.
- **Dattawad branch canal** : (i) Dattawad link canal from Ch.0+000 km to 0+700 km work under progress. (ii) Dattawad RBC from Ch. 0+000 to Ch.7+650 km alignment approved and for further reaches alignment is in process. (iii) Alignment of Dattawad LBC from Ch.0+000 to 12+000Km is approved and survey of Km.13 to 14 is in progress.
- **Kurundwad branch canal:** The Kurndawad branch canal is to be executed by Maharastra State.

5) **LIFTING OF WATER FROM HIRANYAKESHI RIVER TO GRBC:**

Hiranyakeshi LIS is proposed to lift 8 TMC of water from Hiranyakeshi river to feed GRBC during Khariff season.

- 8.00 TMC of water has been allocated under scheme 'A' of KWDT.
- This scheme has been proposed to meet the likely shortage of water due to over utilisation under GLBC.
- The said LIS has been entrusted to M/s Kirloskar Brothers Pvt. Ltd, on turnkey basis and is under progress.
- The intake channel work is under progress.
- The Jackwell work is Under Progress.
- Pumphouse is under progress.
- Raising Main work is under progress.
- Procurement of Pumping machinery is Under Progress.

6) **SRI RAMESHWAR LIS:**

This lift Irrigation is proposed to irrigate 13800 Ha areas of Gokak, Ramadurga and Savadatti Taluks of Belgaum District by utilising the 2.2 TMC of water. The water will be drawn from Ghataprabha river by suitable intake structure.

- **Rising main:** Works of rising main total length 17.20 km is completed.
- **Jackwell:** Works are in progress.
- **Intake Channel:** The earthwork is in progress.
- **Land Acquistition :** Intake Channel, Pump House, Jack well & Sub Station:
- These are Located near Aralimatti Village covering an area of 5.10 Acres for which 6(1) Notification has been issued.
- **Electromechanical Components:** Design & Drawings of Electro mechanical works such as Pumps, Motors, 110 KV sub-stations are submitted to competitive authority for approval.
- **Canal Network :** Approximate length of main canal System is about 74 Km and approximate length of distributory network system is about 150 Km. The detailed survey work and fixing of alignment, preparation of estimate and DTPs has already

been entrusted on tender basis. The survey work is awarded to agency and same is in progress.

- **EIA/EMP studies:** This has been entrusted to Prof. & Chairman, Department of Environment Sciences, Bangalore University, Bangalore and report are yet to be received from the Consultant and the same is submitted to Pollution Control Board, Belgaum.
- The total approved estimated cost of the Project is Rs.218.00 Crores.

7) **BELLARYNALA IRRIGATION SCHEME:**

- The Bellary nala irrigation project envisages to irrigate 8200 ha of land in Gokak and Saudatti taluks of Belgaum districts by constructing a dam across Bellary nala which is a main tributary to Markendaya river.
- The master plan committee has allocated 1.68 TMC of water under scheme 'A' of KWDT.
- The work construction of Bellary nala irrigation project has been entrusted to M/s. EPI Ltd (A Government of India undertaking) by Government of Karnataka.
- Excavation for dam foundation, concreting in block 1 to 6 and 8 to 18 are under progress. C planning is approved and alignment from Km. 1 to 65 is also approved
- All the works of main canal are carried out in various stages except canal length coming under forest area.
- Government has accorded administrative approval to the revised project estimate of Bellarynala Irrigation Project amounting to Rs143.55 crores vide GO No.WRD 02 VEBYAMA 2005, dated 28/7/07.
- At present, the works of Bellarynala project are stopped as per the directions of the Government.

8) **MALAPRABHA PROJECT:**

(i) **Project Comprises of:**

- Dam
- Malaprabha Right Bank Canal (MRBC) – 142 Km.

- Distributories under MRBC - 60 Nos.
- Malaprabha Left Bank Canal (MLBC) – 150 Km.
- Distributories under MLBC - 58 Nos.

(ii) **Malaprabha Left Bank Canal:** Total length of MLBC is 150Kms. The works are generally completed up to 150Km. and water has been let out for irrigation up to Km.132.

Distributories: There are 58 distributory blocks under MLBC. Works of distributories from 1 to 58 have been completed except finishing works of Sub-distributory R2, R4, R9 & R11 under 58th Distributory.

(iii) **Malaprabha Right Bank Canal:** Total length of MRBC is 142 Kms. Works are completed upto Km.134 and 137 to 142. Water has been let out for irrigation upto Km.131. Works from Km.134 to 137 are nearing completion.

Distributories: There are 60 distributories under MRBC. Works of distributories from 1 to 52 and Block No.54, 55B & 56A have been completed and works in distributory no.56B, 56C, 57 and Itagi distributory works are under progress.

Devalapur LIS: The jackwell installation of pumping machinery, electric-substation of 33KV, rising main work etc are completed. Power supply from KPTCL i.e, overhead line is completed. Trial run has been conducted. Performance test is also conducted. The length of LBC is 5Kms and RBC is 1.60Km both are completed. The total irrigable area is 1328Ha. and water is also let out in the canal.

Government has accorded administrative approval to the revised project estimate of Malaprabha Project amounting to Rs.1275.20 crores vide GO No.WRD 78 MPS 2003, dated 28/7/07.

9) HARINALA PROJECT:

(i) **Dam & Allied works:** The dam works including head regulators for LBC and RBC are completed. Water is impounded in the dam.

(ii) **Canal works:** The entire length of RBC (11Km) and LBC (9Km) are completed. Total potential of 3480 ha under this project has been created. FIC works are completed.

(iii) **R & R works:** The project involves partial submergence of only one village involving 256 families. Out of 256 R & R works for 58 families are completed. For balance of 198 families R & R works are under progress.

10) Kalasanala Diversion scheme & Bandurnala Diversion Scheme:

- These two projects envisage diversion of 7.56 TMC of water to Malaprabha dam by construction of dam across the above nalas and diversion canals. Administrative approval for these two projects is accorded by Government in August 2000. Forest clearance for these projects is pending for want of CWC clearance for the project. The in principle clearance given by CWC to these projects has been kept in abeyance and inspite of repeated attempts by Government of Karnataka, the Union Government has not been able to with draw the order of abeyance on "IN PRINCIPLE CLEARANCE"
- The KNNL Board has recommended in its 25th meeting held on 7.6.2005 to take up works in non-forest area by entrusting the work to any Government agency. Accordingly the Government vide its order No.JASAME 22 VEYATA 2004 (Part-1) Bangalore dated 9.10.06 has approved to take up Kalasa Nala Banduranala diversion schemes in non-forest area. (4.40 km out of 4.80 km of Kalasanala and 4.90 km out of 5.80 km of Banduranala).
- Further the Government vide letter No.JASAME 22 VEYATA 2004 dated.21.10.06 has given directions to take-up the above works through KSCC duly following all the necessary procedures as per KTPP Act 1999.
- Since the project is a inter-state dispute project and some time was required for KSCC to take up works on tender basis, the works in non-forest areas were taken-up by entrusting 2 works on piece work basis, each not exceeding Rs.5.00 lakhs, in respect of Kalasa Nala diversion scheme. These works are in progress.
- In the meantime the Government vide Order No.WRD 36 VEYATA 2006, Bangalore dated 15.3.2007, has approved to execute the works of Kalasanala diversion scheme in non-forest areas on piece work basis, till the tendering process for balance work is completed.

- In this order, Government has withdrawn the works entrusted to KSCC and has instructed KNNL to proceed with tendering process for balance works immediately duly following the prescribed procedure as per KTPP Act 1999.
- The CE, Belgaum has been addressed to take necessary action as per the above Government Order.
- Accordingly tender was invited for the balance work of ICC from Kalasa to Malaprabha river and work is awarded and it is in progress.

11) **JAVALUHALLA LIS:-**

LIScheme from Javaluhalla near Kittur Village of Ramdurg Taluk for suffering of atchkat of 1917Ha. of Shirsangi distributory under NBC of MRB Canal.

- The Scheme is entrusted on turnkey basis to M/s Coramandel Prestcrete (Pvt) Ltd., construction of Bhandara is completed except fixing of planks to Bhandara.
- Construction of intake canal, jackwell/pump house work is completed.
- Construction of delivery chamber work is completed. Construction of raising main work is completed except fixing of Air Value and thrust block.
- Erection of pumping machineries motors and electrification work is completed except providing power supply.
- Protection works like pitching, rivetment and construction of grayons are under progress.

12) **BENNIHALLA LIS:**

It is constructed near Nargund taluk of Gadag district. The scheme proposes series of weirs at Banahatti, Kuralageri, Surkod, Khanapur and Radder Naganur to irrigate the suffering atchkat of 3868 ha under NBC.

- **Banahatti:** Deliver chamber completed. Out of 3664M about 3557M of raising main is completed. Jackwell-cum-Pumphouse work is under progress. Other works like Diversion weir, intake canal, control room are to be started. Pumps & motors procured yet to be installed.

- **Kuralageri:** Delivery chamber completed. Out of 5113M, length 4700M raising main is completed. Jackwell-cum-Pumphouse, control room work is under progress. Other works like diversion weir, intake canal are to be started. Pumps and motors procured yet to be installed.
- **Surkod :** Head works like intake canal, Jackwell-cump-Pumphouse, delivery chamber are completed. Raising main laying (5940M) is completed. Control room work is under progress. Diversion weir is partly completed. Pumps and motors are installed.
- **Khanapur :** Head works like intake canal, Jackwell-cum-Pumphouse are completed. Diversion weir is completed except floor slab. Control room is under progress. Out of 5987M length 5770M of raising main is completed. Delivery chamber is to be started. Pumpse and motors are installed.
- **Radder Naganur:** Diversion weir, intake canal, Jackwell-cum-Pump house, control room, delivery chamber and raising main are completed. Pumps and motors are installed.

13) **KOLACHI LIS:**

- The LIS is being constructed in Ron taluk, of Gadag district. The scheme proposes to lift 2.59 Mcum of water per year at Asoti from Bennihalla for providing irrigation to suffering atchkat of 1538 ha under KRBC.
- The above LIS is entrusted to M/s. SPML on turnkey basis.
- Head works like intake canal, Jackwell-cum-Pumphouse, Control room, Raising main, Delivery chamber are completed. Diversion weir is nearing completion. Pumps and motors are installed.

14) **KONNUR LIS:**

- It is constructed near Nargund taluk Gadag district. The scheme proposes to lift 0.39 TMC of water at Konnur from Malaprabha river for providing irrigation benefit to suffering atchkat of 1578 ha. under NBC.
- The above LIS entrusted to M/s. SPML on turnkey basis.

- Delivery chamber is completed. Out of 8600M. length 6545M raising main is completed. Diversion weir, Intake canal, Jackwell-cum-Pumphouse, Control room works are to be stated. Pumps and motors are procured yet to be installed.

15) **Shiggaon LIS**

The Scheme envisages to irrigate 9900Ha in Shiggaon, Savanur and Hanagal taluks of Haveri district. The GO vide dated 13.01.09 has administratively approved for Rs. 238.00 crores. The tenders for construction of intake channel, jackwell, pumphouse, MS raising main, delivery chambers have been invited.

16) **UPPER TUNGA PROJECT:**

(i) **Dam & Allied works:** Dam work including parapet wearing coat and asphaltting works are completed. Electrification work is completed. The major work on crest gate including fixing of switch gears are completed. The instrumentation work and electrification works are completed. Power block portion of mini hydel project is completed and further work of power house with tail race channel is taken up by private agency. Agreement for lease of land to the agency is executed. Earth work excavation for construction of power house and tail race channel is under progress.

Head Regulator :-

Construction of head regulator at KM 0.145 is completed except for providing hoisting arrangements for three gates out of five (fabrication completed) gates are to be carried out. Concreting work completed upto hoisting level. Balance concreting is to be taken up.

Main canal works: -

Main canal works from 0 to 162 are almost completed except following bottleneck works.

BOTTLE NECKS

- **From 0.17 to 1.00 KM :-** Earthwork almost completed. Slips are occurring on both sides of the canal as per the directions of the experts for 300 M cover duct & balance lining work tenders submitted for approval.
- **Road bridge at Ch: 12.96 Km :-** As per the directions of the experts instead of framed structure bridge cut & cover duct bridge work is proposed & for this work tender evaluation reports are submitted for approval.

- **From 19 to 20 KM** :- As per the directions of the experts instead of framed structure bridge cut & cover duct bridge work is proposed & for this work tender evaluation process is finalised and works are to be started.
 - **KM 74 & 75** :- The original contract is rescinded and fresh agency is finalised and work is to be started.
 - **KM 103** :- The original contract is rescinded and fresh agency is finalised and work is to be started. As per the directions of the experts instead of framed structure bridge cut & cover duct bridge work is proposed & for this work tender evaluation reports are submitted for approval.
 - **KM 144** :- Due to variation in strata classification, the experts opinion is obtained and as per the suggestions of the experts the variation in quantities and EFI proposal is prepared and submitted to place before the TSC.
 - **KM 145** :- Due to variation in strata classification, the experts opinion is sought and the term visited the spot & the opinion report is awaited.
 - **KM 159 to 163** :- Contract of original agency is rescinded and for balance works fresh tenders are invited and evaluation report is submitted for approval.
 - **KM 164 to 168.50** :- Contract of original agency is rescinded and for balance works fresh tenders are invited and evaluation report is submitted for approval.
- Tunnel from KM 168.50 to 174** :- Earthwork excavation is completed. Tunnel lining nearing completion and grouting is under progress.
- **Railway bridge at Ch: 176.533 KM of main canal:-** Estimates for constructing railway bridge has been received and an amount of Rs. 4.50 crores has to be deposited to Railways for implementation of works.
 - **Main canal Km. No.192 onwards:** Directions were issued to take up survey & preparation of estimate for balance reach beyond 192 km departmentally. Works are in progress from km 175 to 195 km. Tenders of KM 196 to 202 is submitted for approval.

Distributory Works :-

- **Dy. No.1(Off-taking at km 108.35):** Total length of Dy. is 20.58 Km. The works are completed.

- **Dy. No. 2 (Off-taking at km 166.267 of UTP):** Total length is 62.50 Km. out of which alignment is approved upto 40.46Km. In this reach upto 20 KMs works are almost completed. In reach 20 to 30 KM , the contract of 8 KMs are rescinded on ``as is where is basis`` and balance works is being assessed for inviting fresh tenders. In reach 30 to 40.46 KM the rescind of contract is approved and further action is to be taken as per directions of the 97th TSC Beyond this alignment runs in forest land and alternative alignment work is being studied.
- **Under Dy No.2, road crossing at NH-4 & Railway bridge:** Road bridge at km.32.823 km is completed by NH authorities. The adjacent railway bridge at Ch.33.842 km is also to be taken up, necessary deposits have already paid to the railways for this crossing, work is yet to be started by the railway authorities.
- **Dy. No. 3 (Off-taking at km 176.83):** Total length is 23 km. All the kilometer except 2 to 6 KM are entrusted and are in progress. The estimate for KM 2 to 6 KMs (including aqueduct from Ch: 2.237 to 5.856) is under scrutiny at the Central Office.

(iv) **R & R works:** By construction of UTP dam, 3 villages of Theerthally taluk and two villages of NR Pura taluk will be affected. Proposals for acquiring lands are mooted and 6(1) notification is already published in Gazette.

208 structures are affected due to construction of dam and layout formation for sites is in progress from Shimoga Urban Development Authority (SUDA) near Shimoga. An amount of Rs.1.50 crores is deposited to SUDA for formation of layout. As per the decision of Rehabilitation Committee for payment of ex-gratia amount to affected people, a package of Rs.20.475 crores is approved vide G.O. No. ಕಂಇ 113 ಆರ್‌ಇಹೆಚ್ 2003 ಬೆಂಗಳೂರು ದಿನಾಂಕ: 1/12/06.

- Revised administrative approval for Rs.1052.33 crores is accorded vide G.O. No. ಜಸಂಇ 38 ವಿಬ್ಯಾಇ 2005 (ಭಾಗ-1) ಬೆಂಗಳೂರು ದಿನಾಂಕ: 21/11/06. But this cost is now reported to be about Rs.1644.11 crores as per 2003-04 SR.

17) **TUNGA LIFT IRRIGATION SCHEME:**

- The Tunga LIS was administratively approved for Rs.12.37 crores vide GO dated 02.02.91 and revised administrative approval was accorded for Rs. 24.12 crores vide GO dated 27.02.99 and handed over to KNNL. The alignment of the raising main was

running in the Shettihalli wild life sanctuary. The forest department did not permit to take up the survey work, instead directed to take an alternative alignment avoiding the forest area.

- The proposal of alternative alignment avoiding the forest land is surveyed and estimate amounting to Rs. 50.00 crores is submitted to Managing Director, KNNL, seeking administrative approval. After getting revised administrative approval from the Government, works will be taken up to fill up the Haihole, Barehalla and Gowdanakere tanks in Shimoga taluk to feed suffering atchkat under these tanks

18) BASAPURA LIFT IRRIGATION SCHEME:

The Project envisages of lifting 1.60 cumecs of water from Varada river and to irrigate 2266 Ha. in Haveri District. The scheme comprises of 2 stages & irrigates 890 Ha in first stage and 1110 Ha in 2nd. Presently 1st stage works are under progress.

Stage-I

- The work of jackwell and pumphouse are nearing completion
- The procurement and erection of pumping machineries are under various stages of progress.
- Electrical line works are under progress.
- Approval is accorded to take up terminal bay works by the Nigam (under self execution) on tender is to be invited.
- The works of main canal is almost completed except from Km. 1.87 to 5.00 (balance works) for which tendering is under process.
- **2nd stage** : Agency fixed on turnkey basis and the work is to be started.

19) ITAGI-SASALWAD LIFT IRRIGATION SCHEME:

The Project envisages lifting of 1.540 cumecs of water from left bank of Tungabhadra River near Itagi village to irrigate 1983.80 Ha of lands coming in 12 villages of Shirahatti and Mundaragi taluk in Gadag District and Haveri taluk in Haveri District..

- Electro-mechanical works like jackwell cum pump house, rising main, etc, have been entrusted to M/s. Arun Engineers on turnkey basis. This work is under progress. At present, the agency has procured and laid all 237 pipes. Jack well / pump house is completed. EOT crane erection is completed. The agency has procured all the 4 pumps and motors required for this project and already erected 4 pumps and 2 motors. Erection of manifold, delivery pipes, valves, electrical panel board and capacity is under progress.
- The project comprises of 25.517 km of RBC and 10.907 km, of LBC. The LBC i.e. 10.907 km has been entrusted on tender basis and all the works are completed. Out of the total length of 25.517 km, all works of RBC works are completed, except from km.8.77 to 10.00 km.
- The distributory network coming under RBC and LBC canal is entrusted to 3 agencies and out of 24 distributories, 22 are completed and 2 distributories works are nearing completion. Survey and Investigation of FICs works are completed and preparation of estimates is under progress.
- Power required for this project is approved by HESCOM and at present the deposit has been made to HESCOM. The work for getting power supply from Holitagi sub-station to jackwell, pump house is started. Work at Hole Itagi is under progress by HESCOM.

20) **GUDDADA MALLAPUR LIS:**

The scheme envisages lifting 1.00 TMC of water in two stages from Varada river near Byatanal to irrigate 13000 acres (5261 Ha) of lands in Byadagi taluk of Haveri district. The above LIS's entrusted to M/s. Coramandel Prestcrete Pvt. Ltd, on turnkey basis. The agency has stopped the work. Rescinding proposal submitted to place before the TSC.

- **Jackwell/pump house:** Because of foundation problem, identification of alternative location under consideration.
- **Raising main-I:** Excavation for 3.50 km completed out of 5.10 km.
- **Delivery chamber-I&II:** Work is completed in all respects.
- **Gravity Canal-I:** Excavation completed. Out of 26 CD works, 8 CD works are completed and 12 CD works are under progress. Lining works are under progress.

- **UG sump and pump house:** UG sump completed. Pump house completed up to roof level.
- **Raising main-II:** Excavation completed. 190 pipes arrived at site. Laying of pipes is under progress. 600m completed.
- **Gravity canal-II:** Excavation for 5 kms completed out of 8.50 kms and lining work is under progress. 4.50 km lining completed.
- **Gravity Canal-III:** Excavation embankment a CNS layer work for 7.20 km completed, out of 14.50 kms. Lining work under progress, 450mtr completed.

21) **UBRANI AMRUTHAPURA LIS:**

- The Ubrani-Amruthapura LIS envisages to stabilise 11818 acres of land in Chennagiri and Tarikere taluk by lifting of water from upstream of a diversion structure across Bhadra river near Gourapura village near Bhadravathi.
- The master plan committee has allocated 1.50 TMC of water under scheme 'A' of KWDT.
- The head works and rising main of 1st stage is entrusted to M/s. SPML.
- The works of oogie weir and intake channel is completed. Rising main work is nearing completion. Jackwell, pump house work is completed. Substation work is under progress, Air vessel erected. Fabrication of Manifold is under progress. Rising main crossing railway line agreement executed with the railway authorities.
- The tenders for head works of 2nd stage are invited and the agreement executed to take up the work on turnkey basis. Fabrication of 8mm thick and 7 mm thick 900mm dia pipes 450nos completed. Laying of 18Kms pipeline is completed. BPT-1 excavation completed. Motor and pumps received at site. Transition work is nearing completion. Balance pipe fabrication is under progress. Jackwell is completed upto motor floor level. It is programme to complete the said scheme during 2009-10.

22) **SANYASIKOPPA:**

The Sanyasi Koppa LIS in Shikaripura taluk costing Rs.10.00 crores provides irrigation facility to Ajjanapur & Hosur Hobli for about 4425 acres during Kharif season only by lifting 40 cusecs of water from Kumudvathi river. Tenders are finalised and agreement

is executed. Survey work completed and alignment is also approved. Work under progress. Jackwell and pumphouse concreting is under progress. 2KM raising main completed, balance 1 Km is under progress. Motor and pumps are received at Site. The process of LAQ is under progress for gravity canal

Sl. No.	Name of the Scheme	Estimated cost (in crores)	Remarks
1	Modernisation of Bhadra	916.00	Works are under progress
2	Modernisation Tungabhadra	1180.00	Executed by WRD
3	Vijaynagar Channels	100.00	} Estimates and DPR to be prepared
4	Modernisation of Tunga Anicut	65.05	
5	Modernisation of Gondi Anicut	37.50	
Total:		2298.55	

23) RAJANAHALLY LIS (Davanagere 19 Tanks) :

Tender invited on turnkey basis. Tender is approved by Board of KNNL and work is in progress.

24) Developmental work in respect of Nidige tank & Purle tank in Shimoga Taluk:

The Government vide G.O. No. ಜಸಂಇ 247 ಎಂಎಂಬಿ 2006 ಬೆಂಗಳೂರು dated 24.1.07 has transferred development work in respect of Nidige tank and Purle tank in Shimoga taluks for implementation by KNNL. The tender invited has been postponed indefinitely and no grants for the year 2008-09 is earmarked for these tanks.

25) Dandavathi Reservoir Project

The Government vide GO dated 12.01.09 has administratively approved the DPR for Rs.272.00 crores. The tenders for construction of dam for Rs.70.00 crores is invited.

26) BHIMA LIFT PROJECT:

(i) **Dam & allied works:** Construction of earthen embankments on left and right flanks were completed and construction of barrage is completed. Entire body wall portion is completed. Pre casting and launching of girders for bridge is also completed.

(ii) **Gate works:** Fabrication work of crest gates entrusted to M/s. KSCC erection of gates for 23 Nos. are completed. Balance gates erection is under progress.

A) **Balundgi Lift:** Concreting for jackwell is completed. Supplying of PSC pipes to site and laying is under progress. Delivery chamber is completed.

- B) Balundgi Canal:** Construction of Balundgi intake canal is completed. Construction of Balundagi main canal from 0 to 45 km is under progress. Alignment for further reaches is approved and estimate to be prepared.
- C) Allagi Lift:** Formation of jackwell is completed. Excavation for rising main is completed. Supplying & laying of PSC pipes is under progress. Construction of Allagi intake canal is completed.
- D) Allagi Canal:** Construction of Allagi main canal work from Km. 1 to 20 is rescinding stage since concerned contractor not achieved the progress 20 to 35.787 Km is under progress.

(ii) Land Acquisition: for submergence, R&R and Canal net work etc.

	Acres-Guntas
Total lands to be acquired	- 4693.37
Land acquired so far	- 788.39
Award stage	- 1766.33
After 4(1) JMC under progress	- 797.38
At stage of issues of 4(1) notification	- 308.32
Proposals submitted for 4(1)	- 417.29

(iii) Rehabilitation and Resettlement:

Villages affected due to submergence – 11 Nos.

Population affected – 8801

Families affected – 1658

Government vide GO dated 18.5.05 have constituted District Level Rehabilitation Advisory Committee. R&R Package has been submitted for approval. The site has been identified for construct rehabilitation centre and even land acquisition has been proposed and 4(1) notification has been issued. Construction of Balundgi rehabilitation and Tarapur Rehabilitation Centers are under progress. Survey & preparation of estimates for construction of other R.C. is under progress.

- (iv) CWC / MOEF Clearance:** The yield, agricultural aspect and flood aspect were cleared by CWC and environmental clearance has been obtained MOEF. In respect of irrigation planning aspect, CWC has requested to obtain confirmation from SGW/CGWB on conjunctive use. Confirmation from SGWB & DPR to be furnished to CWC seeking clearance.

27) GANDORINALA PROJECT:

(i) **Dam & allied works**: The works were carried out by KSCC and the same are already completed. The work of providing & erection of radial crest gates is completed.

(ii) **Canal works**:

RBC: Completed to its full length of 7 KMs. Potential of 566Ha has been created.

LBC: Total length of LBC is 89.32 KMs. The works are completed from Km. 0 to 27. From Km.27 to 30 - nearing completion. Km 34 to 36 - under progress. Km.36 to 89.32 – almost completed.

(iii) **Distributaries**: Under RBC, Distributary works completed in all three blocks and under out of 40 blocks, 35 blocks are almost completed and 5 are under progress.

(iv) **FIG**: From Km. 0 to 7 Km. of RBC & from Km.0 to 60 of LBC works are nearing completion. Km.60 to 89.32 under tender progress. Potential of 4647 Ha as on 01/2009 already created.

28) BENNITHORA PROJECT:

The Bennithora Irrigation Project is major irrigation project across Bennithora River, a Major tributary of river Kagina in Bheema Sub-basin. The project is located near village Herur (K) in Chittapur Taluk of Gulbarga District to provide irrigation facility to 20,234 Ha of land in Chitapur and Sedam Taluk of Gulbarga Dist.

Dam: Work is completed and water is being stored in reservoir since Aug'01.

Right Bank Canal (82 KM): Works are completed except CD laterals (8 Nos.) and 2 Sub-distributaries which are under progress.

Left Bank Canal (60 km): Works are completed except 1 distributaries and 2 DPOs which are under progress.

Improvements and rectification works of RBC Km. 0 to 50, LBC Km. 0 to 45 and D1 and D2 of RBC :

- Works are under progress.
- RBC 0 to 35 Km completed, Km 36 to 50 is nearing completion and from 50 to 60 km is completed, from 60 to 80 km is under progress.
- LBC 0 to 45 Km completed, except Km 41.00 to 42.00 and 45 to 58 km is completed except km.59 and 60
- D1 is under progress

- D2 is completed.

FIC status in ha.

Contemplated atchkat	Wet pot.	Work in progress	Tender called work to be taken up	Est. prepared tenders to be called	Survey in progress estimate to be prepared
20234	17761	2473	-	-	-

29) LOWER MULLAMARI PROJECT:

The Lower Mullamari Project is a medium Irrigation project, across river Mullamari, a tributary to river Kagina in Bheema Sub-basin. The Project is located near Nagara village in Chincholi Taluk, Gulbarga Dist. to provide irrigation facility to 9713 Ha of land in Chincholi taluk of Gulbarga District.

Project Comprises of:

- Earthen Dam: Completed including erection of spillway gates. Water is being stored in reservoir since August 2001.
- Right Bank Canal (80 km): Works are completed.
- Distributaries (66 Nos.): 65 are completed and water is letout in distributaries.
- FIC works: Total Atchkat : 9713 Ha.
- Outlet potential created : 7836 Ha.
- FIC works completed : 7730 Ha.
- R&R : Out of 7 Nos. of rehabilitation centre 6 nos. are completed. Balance 1 no. is nearing completion. (Gadilingadahalli Rehabilitation Centre No.3)
- Rectification works of RBC : Works are nearing completion. of LMP (0 to 40 km)
- Rectification works of RBC : After clearance from TSC of KNNL subject to condition, the estimates are placed before KNNL Board for approval. of LMP (40 to 80 km)

30) AMARJA PROJECT:

Amarja project is located nearing to Sangolgi village in Aland taluk of Gulbarga district. It envisages to provide irrigation to an extent of 8903Ha in Aland and Afzalpur taluks.

Amarja Dam: Works completed and water is being stored since 1999. The work is transferred to KNNL during April 2005 vide GO No.WRD/29/TMZ/04dated 18.04.05.

1	Right Bank canal(42.48 Kms):	<p>The detailed investigation on the balance work and rectification of existing canal system (including existing structures), detailed survey, preparation of designs, drawings, estimates and DTPs for works of main canal distribution system including FIC's has been entrusted to M/s. Secon surveys Ltd., Bangalore and the work is completed.</p> <p>The rectification work from km.7 to 20 of RBC of Amarja is withdrawn from KLAC because of slow progress and fresh tenders were invited for the same. Work is awarded to tender agency and it is in progress.</p> <p>The rescinding proposal for the work of rectification of existing canal system comprising of main canal and distributories including construction of new FICs from km 0.00 to 7.00 of RBC of Amarja Project is submitted to the MD, KNNL, Bangalore for approval, which is awaited.</p> <p>The work of rectification km 20.00 to 42.48 of RBC is under progress</p> <p>The work of rectification from Km. 0 to 30 of LBC of Amarja is in progress.</p> <p>Estimates & DTP for the rectification work from km.30 to 54.784 of LBC of Amarja are submitted to higher authorities which are returned with certain observations, The same is under finalisation/preparation stage.</p>
2	Left bank canal (54.784 Kms):	
3	Distributories under RBC (38 Nos):	
4	Distributories under LBC (40 Nos):	

31) SINGTALUR LIFT IRRIGATION SCHEME

The project comprises of construction of a barrage across Tungabhadra river near Hammige village of Mundargi taluk in Gadag district, to provide irrigation facilities to an extent of 1,20,236 acre (1,40,677acre of cropped area) with the irrigation intensity of 117% using 12.03 TMC of water as per the directions of the KNNL board during the 24th meeting held on 22.02.05. The Board noted that the economic viability of the scheme would improve with the modification and approve the physical cropped area, Stage-I with an utilisation of 7.64TMC to irrigate 76181 acre and Stage-II with an utilisation of 4.39TMC to irrigate 44055 acre. Accordingly the CE, ICZ, Munirabad has submitted the modified DPR and revised estimate costing Rs.657.00 crores to this office for according revised administrative approval. The same is submitted to Government for revised administrative approval vide letter No. 252 dated 21.04.05. Government has accorded approval to

implement this scheme with the utilization of 12.0TMC of water in the GO dated 29.06.06. EIA/EMP reports in respect of SLIS entrusted to Bangalore university have been submitted and public hearing is to be conducted.

❖ **Barrage** : The Govt. of Karnataka has directed to entrust the work of Barrage and other allied works through M/s. KSCC. Accordingly, the works are taken up and are in progress. Out of 26 blocks concreting in all the blocks has reached upto crest level except in block no. 6&7. Pier concreting is reached upto bearing level. Concreting in power block is in progress. Concreting of NOF section on right side is completed. The fabrication of gates is completed. The works of protection bund and intake canal on left side are under progress. Barrage works are under progress.

❖ **Canal works on Right Side:**

❖ Rajwala branch canal: The balance work of 4.0Km is completed.

❖ Ayyanahalli branch canal: The balance work of 5.7Km. canal is completed.

❖ Magala and Hadagali branch canal: Estimates in respect of magala branch canal has been approved. Alignment is approved for Hadagali branch canal. Estimates are in approval stage. Siphon estimate is prepared. Survey for distributory network is completed.

32) VARAHI PROJECT

Varahi river is a major west flowing river in west coast. The river takes its origin near Guddakoppa village in Hosanagar Tq, Shimoga district. Across this river a dam is constructed by K.P.C.L near Mani village for power generation, there is a continuous tail race discharge of about 1100 cusecs though out the year. It is proposed to make use of this water by constructing a diversion weir as major irrigation project. It is proposed to provide irrigation to 15702 Ha.(Flow : 12979 Ha. & Lift : 2723 Ha.) in Udupi district.

➤ **Diversion weir works** : Work is under progress

➤ **Right Bank Canal (46.80 Km.):** River aqueduct works are under progress. Survey works completed for full length. Upto 14.00 km (including tunnel) are under progress (except Km. 12 & 13). From km.14.00 to 18.425 estimates are under finalisation. In the remaining reaches, estimates are under preparation.

- **Left Bank Canal (44.32Km.):** Upto 21 km works are in various stages of progress. Agency fixed for major aqueducts at Km.9, 11, 12 & 13th of VLBC & works are under progress. From Km. 22 to 30 agency fixed and work are under progress.
- **Lift irrigation canal (33 Km.) :** Head works are completed. Power connection received and commissioned on trial basis.