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Proposal

Scheme to bring water from Karnataka's "Tubchi Bableshwar Scheme" to the drought prone villages of Sangli district situated in the South East corner of Maharashtra state which are not covered under any irrigation schemes of Jal Sampada department , Government of Maharashtra.

Droughtprone area of Jath block of Sangli district receives only 450 mm of average rainfall which is non reliable. To make the agriculture viable, sustainable and to stop migration from these villages to cities bringing water to this area from ourside source is the only option.
For this we are studying various options and proposing the solutions to the government since last 6 years. Bringing water from the ongoing/ completed irrigation projects of Karnataka government and filling the present water storage tanks which are widely available in the area is the only solution and this will solve the water problem of this area.

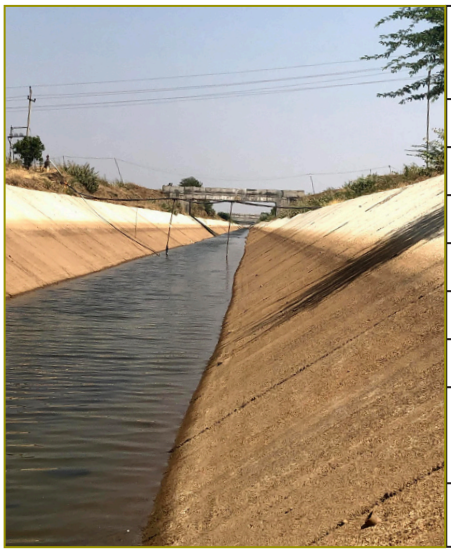
" Bubchi Bableshwar Scheme"

This scheme of government of Karnataka is being installed in full swing. Total pumps of 12590 HP capacity have been installed to lift 3.8 TMC (total 6.3 TMC) water to irrigate 8 villages from Balgalkot, 24 villages from Bijapur and 5 villages from Athanai. Total 42500 hectares of land will be irrigated. At present the construction work is going on with full speed. Karnataka government is going to complete this scheme before March 2018.

Highlights of Tubchi Bableswar Scheme:

1. Total water lifting capacity of the scheme- 6.3 TMC
2. Yearly Duration of running the scheme : July to October – for 120 days
3. Total Expected Expenditure for the scheme- Rs. 3000 crores (Rs. 300 million)
4. Total Capacity of Pump- Motors- 6 Pumping sets of 1500 HP each
5. Water is being lifter from Krishna river at village Kavatagi (Karnataka) which is at 510 MSL.
6. There will be two Rising Mains from Kavatagi to Gote
   - Delivery Chamber- 1 is situated at 22.08 kms @ 680 MSL where 20.06 cumecs discharge of water will be received.
   - Second pipe DC- 1 A is 21.14 kms long which carries water to 670.50 MSl where 9.92 cumecs water discharge will be received.
7. At village Gote delivery chamber admeasuring 25 meters x 25 meters will be constructed .
8. From village Gote to Tikota two pipes for 14.760 kms which are gravity mains which leads to DC-2 admeasuring 25 mtrs x 25 mtrs. This point is at 669.80MSL where 20.06 cumecs water discharge will be received. DC-2 is located just 9 kms from Maharastra state border and further water can be transported by gravity hence pumping will not be needed.

9. From DC-2 which is located at 669.80 MSL (in Karnataka) water can be trans ported by gravity to fill 6 MI Tanks, KT weirs, percolation tanks situated in Maharashtra by gravity-



Sr. No.	Water Reservoir	Capacity	MSL	Co-ordinates
1	Jalihal (bk)	67	537	170247.47 N & 753756.10 E
2	Tikundi-1	82	537	170140.80 N & 753555.04 E
3	Tikundi-2	78	548	170052.90 N, 753341.19 E
4	Bhiwargi	274	511	170530.90 N, 753508.54 E
5	Pandozari	136.15	549	170008.46 N & 753041.94 E
6	Kagnari (KB)	10	570	165856.13 N & 753149.67 E
7	Other small KT weirs, percolation tanks etc	62	537	170247.47 N & 753756.10 E
		708.15		

10. From DC-2 karnataka Irrigation department will be transporting water 24.13 kms on east side and 29 kms on west side by canals. We propose an outlet from DC-2 towards North to take water to fill above water reservoirs situated in Jath block of Maharastra.

11. Karnataka Irrigation department is going to pump water only for 120 days during the year. DC-2 releases 20.06 cumecs discharge for Maharastra , all the reservoirs mentioned above will be filled will just 26 days of pumping! Required quantity of water- 1.5 TMC can be made available from Koyna , Warna dams through Krishna river. (Every year during summer Maharasht ra state releases 2 to 4 TMC water through Krishna river to meet the water need of the people living on the bank of Krishna river in Karnataka)

12. The work of construction of Delivery Chamber-2 will be completed by June 2017 , so Maharashtra government have to take quick steps to make provisi on at DC-2 to release water into Maharashtra.

13. From DC-2 of Tubchi Bableshwar scheme , government of Maharashtra have to lay pipes of 2.5 meter diameter till following points-

Sr. No.	Location	Distance
1	DC-2 To Jalihal (bk) MI tank further to Bhwargi	25 kms
2	Branch on Jalihal (bk) line for Tikundi-1	4.63 kms
3	DC-2 to Pandozari MI tank	12.02 KM
4	DC-2 To Kagnari MI tank further Tikundi-2 and Bhiwargi	13.2 kms

-Survey and pipeline for First phase – DC-2 to Jalihal (bk) MI tank – 25 kms of 2.5 meter dia to be installed and plan for for the branch for tikundi-1 MI tank is to be made.

-In the second phase survey for Pandozari MI tank, Kagnari Tank Survey has to be conducted and 12.02 km and 13.2 kms pipelineof 2.5 mtr dia has to be laid down.

14. Tubchi Bableshawr scheme is of 6.3 TMC capacity , they are laying down 2.5 and 3 meters dia pipelines. At the end of the scheme i.e.at DC-2 , 20.06 cumecs discharge will be received.
From this point watercan be transported by gravity (without pumping).

This is a golden opportunity for Maharashtra to use the water to fill the empty water re-servoirs which are already available in the drought prone villages! This is an opportunity to end the drought situation for ever!

We request the Jalsampada (Irrigation) department of Maharashtra state to act quickly and enter into an agreement with Karnataka Irrigation department, laydown the pipes to transport water by enclosed pipes so that single drop of water is not wasted!