

Sector	Irrigation
Project Name	Improvements to Tanks/Gokatte and Construction of Checkdam's/ Check Dam-cum-causeway across Stream/Halla and in Chitradurga Taluk, Chitradurga District. (17 Nos).
Submitted by	Minor Irrigation and Ground Water Development Department, Chitradurga
Total Project Cost	INR 33.20 Cr.
Coverage	Megalahalli Gokatte (14°13'34.3"N, 76°12'56.2"E), Haliyur Gokatte (14°12'52.3"N, 76°12'52.3"E), Manangi Tank (14°12'27.7"N, 76°19'23.8"E), Chickpura Tank (14°14'54.7"N 76°19'20.5"E), Chickpura Checkdam (14°15'00.8"N, 76°20'12.3"E), Sadarahalli Tank (14°15'28.8"N, 76°18'18.2"E), Sadarahalli Checkdam (14°15'11.0"N 76°18'53.3"E), Lakshmisagara Tank (14°16'50.1"N, 76°16'47.9"E), Alghatta Tank (14°16'04.5"N, 76°13'40.6"E), Katralu Tank (14°17'12.9"N 76°19'35.5"E), Checkdam Cum Causeway At U/S Katralu (14°12'01.0"N, 76°18'04.9"E), D.Madakaripura Gokatte (14°14'27.20"N, 76°10'32.03"E), D.Madakaripura Checkdam (14°13'59.10"N, 76°10'34.09"E), Shirigere Siddapura Gokatte (14°14'50.09"N, 76°11'45.67"E), Shirigere (Gowdanakere) Tank (14°16'19.78"N, 76°12'35.59"E), Shirigere Tank (14°17'40.07"N 76°12'24.13"E) And Shirigere Checkdam (14°17'30.46"N 76°11'57.84"E).
Project Duration	Short Term (1 Year)
P I A	Minor Irrigation and Ground Water Development Department, Chitradurga
Output (s)	<ul style="list-style-type: none"> • Check dams / Check dam-cum-causeways – 5 Nos. • Improvement of Tank – 12 Nos.
Justification	<ul style="list-style-type: none"> • Due to mining in this area, the ratio of ground water is inversely decreasing which results in decrease in the depth of the water table where nearby boreholes/ wells get least quantity of water every year, through shallow/ deep bore wells drilled in Chitradurga Taluk, the bore wells were drilled from a minimum depth of 30.00 mbgl to a maximum of 50.00 mbgl. Depth of weathered zone ranges from 10 mbgl to 5 mbgl. Yield ranges from 0.24 to 0.75lps. By Developing the respective above mentioned 12 Tanks and Constructing 04 New Checkdams and 01 New Checkdam-cum-causeway results in improvement of irrigation facility in the area which in turn resulting fertile lands further supplementing crop production and increases the land value.
Outcome (s) (Expected Measurable Benefits)	<ul style="list-style-type: none"> • Total Number of Villages benefited after Implementation = 17 nos. • Expected additional Irrigational potential due to the intervention in this taluk (proposal) = 1300.00 Ha. • Total Number of Beneficiaries in this Proposal = 600 • Average Ground water availability will increase from 30.00m to 40.00m where water will be available at 50.00m meters below ground level.

	<ul style="list-style-type: none">• Restore of Water Sheds affected due to mining Activities.• There Will be Augmentation of ground Water table in the surrounding area due to water stored in the structures by which there will be recharge of borewells and dug wells surround.• Improve the Quality of the Water in surface and Sub-surface Aquifers.• Increase in the yield inturn helps in incremental benefits after the advent of irrigation.
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