

Jain Irrigation bags Maharashtra's first 'Future Ready Micro Irrigation Project'

Over 5000 farmers from Jalgaon district to benefit from Rs 125 Cr Project

Jalgaon, Nov. 13 (Correspondent):- Jain Irrigation has been selected through the E-Tender process for Maharashtra Government's, Water Resource Department's Tapi Jalsinchan Vikas Nigam's prestigious Waghur-Bhadali stream and Bhadali Pressurized pipeline distribution network in Future Ready Micro Irrigation Project. Over 5000 farmers from Jalgaon district would be beneficiaries with the irrigation facility to 16,536 acre command area. This is Maharashtra's first 'Future Ready Micro Irrigation Project.' This project is worth Rs 125 crore and it would raise the water use efficiency by nearly 50%.

Maharashtra Government has drawn this first 'Future Ready Micro Irrigation Project,' considering the traditional hurdles like land acquisition and the time needed to complete it. According to new 'PDNGR,' water distribution in Waghur-Bhadali in Jalgaon district and Bhadali stream branch's HDPE, PVC pipe distribution are included in this project. With balance pressure of 20 meters, 'Water to every farm,' is a unique project to be implemented in Jalgaon district for farming in future with micro irrigation system. The cost of this project is Rs 125.73 crore. Over 5000 farmers with a command area of 16,536 acres are the beneficiaries of this project. Initially, it includes works like constructing a pump house near the stream, supplying pressurized HDPE PVC pipe distribution network, installing this network till the farmer's land, electricity lines, substation, transformer centres and building electricity facility on the pumping stations, supplying it, establishing water user associations along with training to them and their divisional officers and maintenance of these facilities for a period of 5 years under this project.

Piped water supply to agri-land of farmers

The piped water supply would be made available at the farmer's agricultural land through pipelines for increasing the water use efficiency. This would facilitate the use of micro irrigation in agriculture. The minimum pressure of 20 meters would be maintained while supplying water from Bhadali stream and DY stream to agricultural land of farmers. So it would increase the use of drip irrigation for

raising agricultural output and income of farmers. Jain Irrigation would implement this project with 'More Crop Per Drop,' principle.

Highlights of This Project

In this scheme, division of streams, construction of nullahs along the agricultural land, lift irrigation as well as progress of water distribution system etc. are included. The construction of modern and efficient irrigation system like drip irrigation, sprinkler irrigation and rain gun would increase the use of these methods along with micro irrigation. It also includes network of pipelines from water sources, fitting them, research on latest methods, training to farmers and raise awareness of water conservation, implementing extension programme for it etc.

Water Use Efficiency to increase by 50%

While implementing this project, Pressurized Pipe Distribution Network (PPDN) and micro irrigation systems (Drip and Sprinkler) in the canal area would be used to increase the water use efficiency by between 50% to 55% . Naturally, farmers would get additional water for irrigation. It would also result in more production of agricultural crops and also in raising the standard of living of farmers.

Quote

'Jain Irrigation Systems Ltd. had already set up more significant projects earlier in Karnataka, Gujarat, Himachal Pradesh and many states. This project is also a project in this line but it is unique one. Every farmer would get water in the Command Area of this project.'

----- Atul Jain (Joint Managing Director) Jain Irrigation Systems Ltd., Jalgaon.