DETAIL NOTE ON THE PROJECT

The villages Jeowal,Bhatoli,Baruwal,Massewal,Majher,Chikna,Nard falling in changar area of Anandpur Sahib Constituency are situated on the left side of Anandpur Sahib Hydel Channel, This area falls between Kiratpur Sahib and Shri Anandpur Sahib and lies in the foot hills of Shivaliks Hills adjoining Himachal Pradesh. The whole of the area is sub-mountainous and is at high altitude and lacks any kind of irrigation facilities. The agriculture land for majority of changar area, available for cultivation is devoid of irrigation facilities and is dependent upon rainfall only. The land of this area is situated at higher elevation than the nearest source of water supply for irrigation i.e. Anandpur Sahib Hydel Channel and Nangal Dam Reservoir. Therefore flow irigation is not possible. The rain fall is not sufficient for maturity of crops. The farmers of this area are poor with small land holdings. Most of them are entirely dependent upon the agriculture produce. Due to in sufficient rainfall the yield is very less. Sometimes the crops don't even mature. The sub soil water level of the area is deep and average rainfall is inadequate for providing proper maturity of crops. Due to large depths of water table digging deep tubewells is not economical/feasible. More over PWRMDC had made a proposal to install 8 No. deep tube wells in the changer area of Anandpur Sahib Block of District Ropar, but they were not found to be productive. Hence to improve the socio-economic status of people residing in the area the necessity of the Lift Irigation schemes was felt. This is also a long pending demand of the farmers of the area. Hence the area of villages Jeowal,Bhatoli,Baruwal,Massewal,Majher,Chikna,Nard is to be provided irrigation water through lift irrigation scheme under this proposal. This scheme envisages lifting of water from Anandpur Sahib Hydel Channel through pumping sets and transferring the water to delivery tanks situated at strategically selected points for re- distribution under gravity flow. The water is then proposed to be supplied in the fields through different supply lines to feed the whole cultivable area as per natural slopes. The lifting will be done- through M.S. rising mains from source of supply to Distribution-Tank and water for irrigation will be supplied through P.V.C.underground pipe lines of different diameters by gravity flow into fields.