

Piped water Supply in 35 villages of Talcher Coalfields

The Project was approved by MCL in 2013. The DPR cost is 55.07 Crore. It is a deposit-based scheme where MCL deposits the fund in instalments tied with millstones to Collector Angul and the scheme is being implemented by RWSS deptt. Work Order was issued in May 2018. Work is being executed by L&T. The commencement of project got delayed due to various reasons such as, non-availability of land in time, tendering done at head office Bhubaneswar, repeated non response on tenders, and final approval accorded at Govt level.

Due to repeated non response on earlier tenders, the Govt decided to combine this scheme with other PWS schemes and invited a joint tender. L&T bagged the contract worth 80 Cr in Angul district on EPC basis. The contract includes 5 years O&M. The contract will cover 42 villages in Talcher & Kaniha blocks as under:

No.	Funding by	No. of villages	Amt
1	MCL	35	55 Cr
2	NTPC	2	10 Cr
3	RWSS	5	15 Cr
	Total	42	80 Cr

MCL has deposited 33.6 Cr till date against which, UC of Rs. 14.55 Crore has been received.

The MCL funded scheme covers 35 villages, 28 of Talcher block (termed as Part-1) and 8 villages of Kaniha block (termed as Part-2).

In part-1, all 28 villages belong to Kandhal GP. Water has been sourced from Brahmani river with an intake well at Arjunmunda which is located by the side of existing intake well of MCL feeding water to IWSS Lingaraj. The WTP will be at Talabida village.

In part-2, all 7 villages belong to Kaniha GP of Kaniha block. The water has been sourced from Brahmani river with an intake well at Bijigol which is located on the upstream side of Samal barrage near NTPC pump house. The WTP will be at Dandasingida village.

The population matrix for complete L&T project covering 42 villages is as under:

Part	Block	No. of villages	Designed LPCD	Population	
				Base year 2020	Design year 2050
Part-1	Talcher	31 (28 MCL, 3 RWSS)	@70	31920	55160
Part-2	Kaniha	11 (7MCL, 2 NTPC, 2 RWSS)	@70	15694	27119
Total				47614	82279

Total pipe length is as under:

Part	Block	Raw water rising main	Clear water rising main	Distribution
Part-1	Talcher	4.5 km	43.8 km	114 km
Part-2	Kaniha	5.2 km	9.0 km	13 km
Total		9.7 km	52.8km	127 km

There will be two Water treatment Plants (WTP), one each in Talcher and Kaniha block, and 8 Elevated Storage Reservoir (ESR), 4 each at Talcher and Kaniha block.

Facility extension to 19-village project

The 19-village project was started in 2013. Over the years, some issues have cropped-up. Although the designed population year for this project was taken as 2024, Ghantapada village has already attained the designed population. A settlement called ‘New Hensmul’ has come up. Dera village being at far end, it is not getting sufficient water due to blockage at upstream Ghantapada. These are the matters of part-1 of 19-village scheme. In part-2 of the scheme, Gobra and adjacent villages are facing scarcity due to remoteness.

To address the issues, it is decided to augment the supply to 19-village scheme from the on-going project of 35-village scheme. 9.5 lakh litre water from 35-village scheme is scheduled to be diverted to 19-village scheme from Talabida WTP (i.e. Talcher block). This additional supply /diversion is part of the design of 35-village scheme.

