



Augmentation of Water supply projects in Vyasaganar ULB

## Water supply project at Vyasaganar ULB without Drink from tap component.

<p><b>Need of Project:</b> As per the proposal submitted by H &amp; UD Dept, the existing water supply system is feeding the population of Vyasaganar Municipality through an intake well and WTP of 7 MLD &amp; production wells which is insufficient. Therefore there is need of WTP, rising main, additional OHSR &amp; GSR to meet the demand of intermediate year apart from meeting universal coverage.</p>	<p><b>Salient features:</b> Project Cost: Rs.83.37Cr. Name of Implementing agency: WATCO, under Housing &amp; Urban development Dept. Execution Period: 2 year. Status: Work awarded to Contractor, Survey &amp; Investigation are under progress as on Dec'21. New House Connection proposed: 7430 Nos</p>	<p><b>Expected outcome:</b> With the proposed project, Vyasaganar municipality shall have consistent &amp; continuous water supply approximately @135 lpcd with adequate pressure of minimum 12m of water head at house connection &amp; ULB shall have reduction in NRW up to 10%. 48911 no of people will be benefitted from the project.</p>
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## PIPED WATER SUPPLY PROJECTS IN JAJPUR DISTRICT



<p><b>PROJECT AT A GLANCE</b> The Rural Water Supply &amp; Sanitation, Jajpur division of Panchayati Raj &amp; Drinking Water Dept has executed the Mega PWS project to Kaliapani &amp; 24 mining affected villages. This project is envisaged to provide safe &amp; potable drinking water to 25 mining affected villages in Sukinda block of Jajpur district. 6700 no. of functional household tap connections are completed by the end of November, 2021 out of total target of 7200.</p>	<p>Name of the Project Location Source of Fund Project Cost Scope of Work Construction Period Operation &amp; Maintenance Period Status</p>	<p>Mega Piped Water Supply to Kaliapani &amp; 24 mining affected villages Sukinda block, Jajpur OMBADC (Adhoc CAMPA) Rs.79.56 Cr Construction of 6.2 MLD Water Treatment Plant, Intake Well Laying of pipeline for Raw water rising main, Clear water rising main &amp; distribution networks. Construction of Pumping stations, Over Head Reservoirs. Functional Household tap connections (7200). All Civil, Electrical &amp; Mechanical Works. 3 Years 5 Years after commissioning Overall, 95% work completed. Testing &amp; Commissioning is under progress</p>
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## PROJECTS AT A GLANCE:

Two Mega Piped Water Supply projects funded by OMBADC have been initiated by PR & DW Dept in Jajpur-Sukinda Project-I & Sukinda Project -II. Source of raw water for both the projects is the Brahmani river. Project I will cater to 19 villages and Project II will cover 52 villages in Sukinda block.

Raw water shall be conveyed to water treatment plant from the intake well through designed pipe (DI K9 Pipe) and treated in Water treatment plant. The treated water shall be pumped to zonal service reservoirs from Water Treatment Plant and then shall be delivered to consumers through gravity flow to meet the demand @ 70-85 LPCD service level. 20850 no of Households will benefit through these two projects.

	Name of the Project	Mega Piped Water Supply project Sukinda-I & II
	Location	Sukinda block, Jajpur
	Source of Funding	OMBADC (Compensation money)
	Project Cost	Rs.174.63Cr. (including Sukinda I & II)
	Scope of Work	Construction of Water Treatment Plant, Intake Well Laying of pipeline for Raw water rising main, Clear water rising main & distribution networks. Construction of Pumping stations, Over Head Reservoirs.
	Construction Period	2 Year
	Operation & Maintenance Period	5 Years after commissioning
	Status	Work under progress



## AUGMENTATION OF WATER SUPPLY AT VYASANAGAR ULB

### Silent Features:

- Provision for sinking of production well & laying of DI pipelines.
- Provision of standby VT pump & motors
- Provision of DG set.
- Construction of new Under Ground Reservoirs.
- Special repairing of existing Elevated Service Reservoirs.

### Name of the Implementing agency:

- Public Health Division, Cuttack-II under Housing & Urban development Dept.

**Project Cost:** Rs.4.48Cr.

**Execution Period:** 3 months to 1 year.

**Status:** All 11 no. of non-EPC projects are completed.



### Outcome:

- § The left-out areas are covered due to Provision for sinking of production well & laying of DI pipelines
- § Standby Vertical turbine pump has ensured uninterrupted water supply to town.
- § Provision of DG set to meet emergent situation during power failure.
- § Construction of new UGR & special repairing of existing ESR maintained the adequate pressure in the locality.
- § Increased duration of water supply has been achieved.