

JHARKHAND URBAN INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED



HAZARIBAGH URBAN WATER SUPPLY SCHEME

Project Summary Report (BRIEF NOTE)

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AMARENDRA KUMAR
Project Director (Administration)
Jharkhand Urban Infrastructure
Development Company Limited
(Patna, Bihar)

Job Description: - Hazaribagh Urban Water Supply Scheme under Hazaribagh Municipal Corporation.

Job Synopsis: - Detailed survey, design & drawing, construction of RCC Intake Well with Pump House, Gangway, RCC framed Substation Building, WTPs, Elevated Service reservoirs (12 Nos), Pre-Settling Tank (2 Nos), Storage Tank (2 Nos), Renovation of Existing Intake and WTP, Supplying and laying Raw and Clear water rising main & Distribution Network and House Service Connection along with Water Meter, Boundary wall, Staff Quarter, Supplying and installation of Raw Water V.T Pumps and Clear Water Centrifugal Pumps, Installation of SCADA etc. all complete for Hazaribagh Urban Water Supply Scheme under Hazaribagh Municipal Corporation.

1	Project Location	Hazaribagh District, Jharkhand		
2	Project Name	Hazaribagh Urban Water Supply Scheme		
3	Contract Value	Design & Build	O & M	Total (incl. GST)
		416 Cr	101 Cr	517 Cr
4	Duration	36 Months (33 Months for Construction + 03 Months for Trial run)		
5	O&M Duration	60 Months		
6	Contract Start Date (Execution)	04-Dec-2018		
7	Contract End Date (Execution)	03-Dec-2021		

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Panchi (Jharkhand) of 6

Scope of Work :-

Sl No	Description	UOM	Quantity	Technical Description
1	DI Pipeline Raw Water Rising Main Clear Water Rising main Distribution	Km	47.89 39.99 363.24	Total length - 451.12 kms
2	Intake Well with Gangway	No	01	70.8 MLD
3	Water Treatment Plant	Nos	03	52 MLD, 8 MLD, 1 MLD
4	Clear Water Reservoir	Nos	03	50 to 2600 KL
5	Master Balancing Reservoirs	No	01	1720 KL (24 M Staging)
6	Pre Settling Tanks	Nos	02	8660 KL & 9450 KL
7	Storage Tanks	Nos	02	4520 KL & 4950 KL
8	Under Ground Reservoirs	No	01	230 KL
9	Elevated Service Reservoirs	Nos	11	Capacity 240 KL to 3030 KL (19 to 24 M Staging)
10	Intermediate Pumping Station	Nos	02	
11	Boundary Wall	RM	3793	In all complex
12	House Service Connections	Nos	56306	
13	Renovation Works	Nos	8	Jheel Intake and Chadwa WTP and ESRs (6 Nos)
14	Electro-Mechanical Works VT Pumps HSC Pumps	Nos Nos	04 34	Discharge 350.22 LPS & 175.11 LPS Discharge 160.6 LPS to 1.11 LPS
15	Instrumentation	LS	01	SCADA system

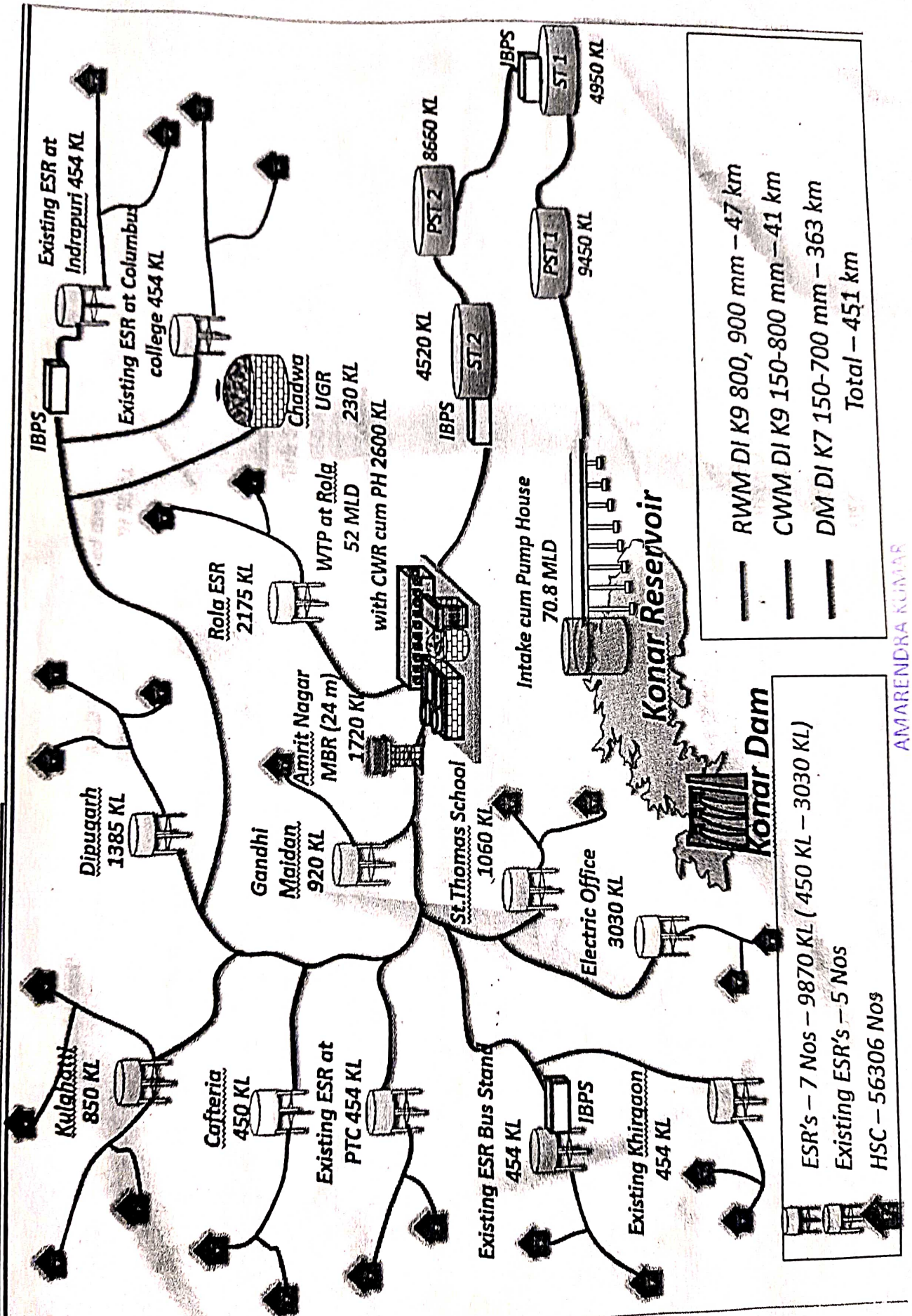
AMARENDRA KUMAR

Project Director (Administration)

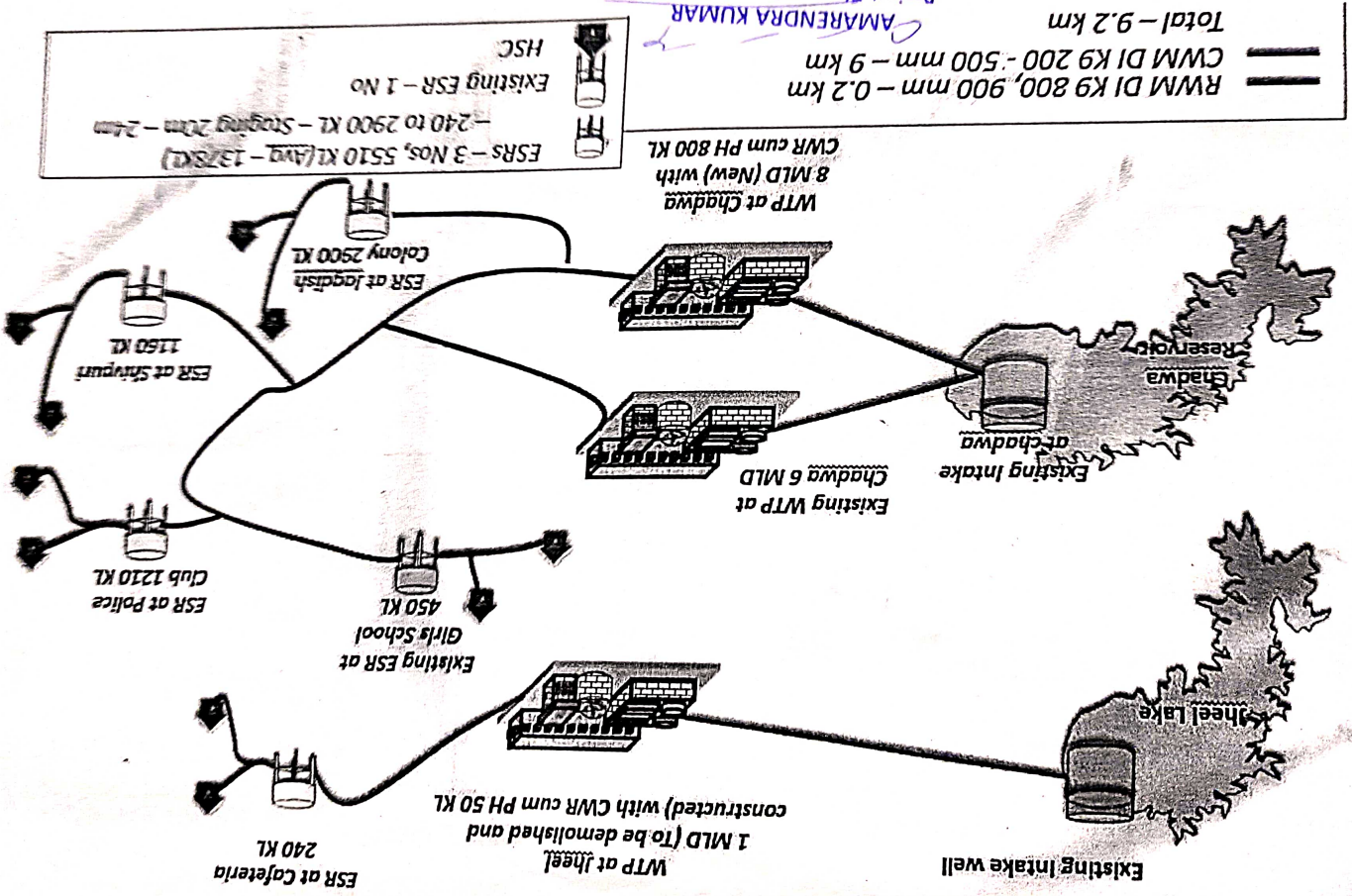
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Project Schematic (New Scheme) :-



Project Schematic (Existing Scheme) :-



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