


Client Name	Jharkhand Urban Infrastructure Development Company Limited (Government of Jharkhand)	
Project Location	MADHUPUR, DISTRICT: DEOGHAR, JHARKHAND	
Project Value	Rs 66.00 Cr	
Project Status	Under Execution	
Scope of Work	<p>Detailed survey, design & drawing and construction of 2 RCC Infiltration well/Intake well: Zone-1 (8.25 MLD), with 8.0m Inner dia. and ; Zone-2 (4.84 MLD),with 7.30m Inner dia.; & RCC Sump with Pump House; WTP (conventional)- 10MLD, (Renovation of WTP (conventional)- 5MLD up-gradation of civil, electrical and SCADA required as per actual site condition), Elevated Service Reservoirs: (i)1.4ML, 22 m staging (Zone – 1)- 2Nos; (ii) 1.2ML, 21 m staging (Zone -2)- 1No; Supplying and laying clear water rising main & Distribution Network, House service connection, Boundary wall, Staff quarters, Supplying and installation of V.T. pump and Centrifugal pump, Electric connection, Installation of SCADA etc, all complete for Madhupur Water Supply Scheme, on turnkey basis” and Carrying out Operation and Maintenance of works for Five years after construction, including cost of all supervisory staff, material, equipment, electrical power supply, consumables, establishment, maintenance & repair, chemicals etc., all complete for Madhupur Water Supply Scheme”</p> <p>Brief Scope of Work of Project:</p> <ol style="list-style-type: none"> 1. Supplying & laying of DI Pipeline: (100 mm to 500 mm Dia) 126 Km 2. RCC Intake/ Infiltration well Zone-I: 8.00 m Inner dia with suitable depth Intake/Infiltration well) Zone-II: 7.30 m Inner dia with suitable depth (Intake/Infiltration Well) Sump and Pump House above as per design/drawing 3. WTP: 10 MLD (Conventional), Renovation of 5MLD (Conventional) WTP, 4. ESRs (i) 2 ESRs in Zone 1 each of 14.00 Lakh Litre capacity with 22 m staging (ii)1 ESRs in Zone 2 of 12.00 Lakh Litre capacity with 21 m staging 5. Raw water Pump – V.T Pump Zone 1:7000 lpm, discharge, 16 m Head - 2nos (1 working +1stand by) Zone 2: 4084 lpm, discharge, 24m head, 2 nos (1 Working+1stand by) 	

6. Clear Water Pump – CF Pump:

Clear water pumps: Horizontal split casing centrifugal pumps:
Zone- I: WTP TO SUMP AT ESR: 3400 LPM, discharge, 52 m
Head - 3 nos. (2working+1stand by)
SUMP TO ESR: 3400 LPM, discharge, 36 m Head: 3Nos
(2working+1stand by)
Zone-II:WTP TO SUMP AT ESR : 1917 LPM, discharge, 51 m
Head - 3 nos (2working+1stand by)
SUMP TO ESR: 1917 LPM, discharge, 35 m Head - 3 nos
(2working+1stand by)

7. Transformer

At Raw Water Pumping Station in
Zone1:100 KVA and in Zone- 2: 100 KVA,
At Clear Water Pumping Station:
WTP to Sump in Zone- I 250 KVA and in Zone- 2: 125 KVA
For Sump to ESR in Zone-1 125 KVA and in Zone-2 100KVA

8. Staff Quarters Two units

9. Boundary Wall 460 m length