

Denta Properties & Infrastructures Pvt Ltd

Name of the Project: "Survey, Investigation, Design, Supply, Installation, testing etc., for 2nd stage lifting or pumping secondary treated water from available sources to various ridge points to fill additional 272 tanks in Kolar District and Chintamani Taluk of Chikkaballapura District under ongoing Koramangala and Challaghatta Valley Project including Commissioning, Comprising of Head works, Construction of Intake channels, Jack well cum pump houses, electro mechanical components such as Pumping machineries, Power supply including terminal bays, laying of transmission lines and substations, Rising mains, Gravity mains and Delivery Chambers, Road and railway crossing by pipe jacking or horizontal drilling method, Road restoration, tank improvements works, Nala trimming works, construction of submersible piped causeway, SCADA, sump model studies, procurement of vehicles, Land acquisition and crop compensation and other statutory clearances from concerned departments including payment of statutory fees/deposits, utility shifting etc., and other allied components including operation and maintenance for a period of five years after successful commissioning of work".

Awarded To : *M/s. Denta Properties & Infrastructures Pvt Ltd*

*(Joint Venture Comprising RP Shetty Engineers & Contractor and Aditya Construction Company) by
Irrigation Department, GOK.*

PROJECT DETAILS

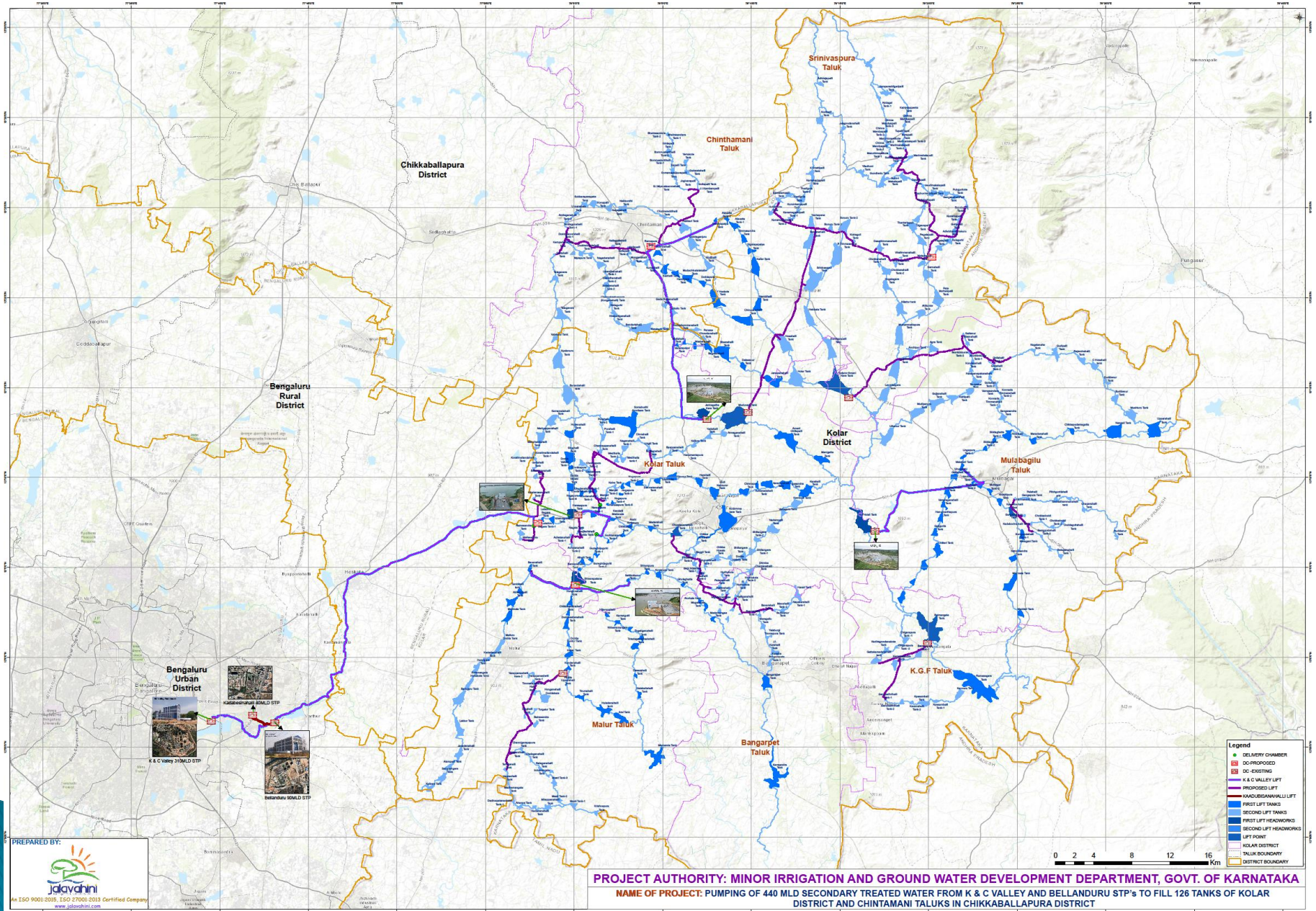
- ▶ Date of Agreement : 13th May, 2022
- ▶ Date of Commencement : 16th May, 2022
- ▶ Project Completion Date : 15rd Nov, 2024

- ▶ Agreement Value :
- ▶ Value of Work done
as on 31/05/23 :

Scope of work

- ▶ Qty. of water to be Pumped : 268.51 MLD
- ▶ Sources Location : KC Valley Phase-1 Project
- ▶ No. of Lifting Stations : 8 nos
(Kundenahalli, Ammerahalli, Kavathanahalli, Lakshmisagara, Kurthahalli, Muduvadi, Yadharuru, Somayajalapalli)
- ▶ No. of MI Tanks for Filling : 272 nos
- ▶ Total Length of Pipeline : 221.92Km (Mild Steel-
151.29Km & HDPE-70.63Km)
- ▶ Construction of 11KV & 66 KV sub stations near by each pump house with Transmission line connecting by existing sub station to pump house substation.

KEY MAP



PREPARED BY:

Jalavahini
 An ISO 9001:2015, ISO 27001:2013 Certified Company
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PROJECT AUTHORITY: MINOR IRRIGATION AND GROUND WATER DEVELOPMENT DEPARTMENT, GOVT. OF KARNATAKA
NAME OF PROJECT: PUMPING OF 440 MLD SECONDARY TREATED WATER FROM K & C VALLEY AND BELLANDURU STP'S TO FILL 126 TANKS OF KOLAR DISTRICT AND CHINTAMANI TALUKS IN CHIKKABALLAPURA DISTRICT

Present Status of work

- Survey Status : Survey completed for Pipeline network & Gravity Network.
- Submission of Designs : Raising Main, Gravity main, all 8 PH GAD & Structural completed.
- Approval of Designs : Raising Main, Gravity main & all 8 PH GAD completed, Structural 8PH completed.
- Grounding of Work : Started In the Month of June 2022. Work Under progress in 8 pumping stations and pipe laying work in Lift-1,7,9 in Raising Main & two lifts Gravity Main completed & one lift pipe laying work is in progress & canal Cleaning work.

MS & HDPE Pipeline Progress Dia Wise

Sno	Type	Dia	Scope (mtrs)	Supplied (mtrs)	Gunned (mtrs)	Painted (mtrs)	Laid (mtrs)
1	MS	1320	4,590.00	4,000.00	3,892.24	3,916.45	3,730.46
2	MS	965	5,040.00	4,500.00	4,438.92	4,438.92	4,374.74
3	MS	914	7,120.00	6,500.00	6,280.86	6,280.86	6,875.45
4	MS	813	6,780.00	6,250.00	5,789.45	6,250.00	4,813.44
5	MS	762	13,780.00	-	-	-	-
6	MS	711	7,830.00	7,298.67	7,298.67	7,298.67	5,670.92
7	MS	660	13,460.00	-	-	-	-
8	MS	610	7,110.00	6,499.12	6,474.86	6,499.12	6,390.87
9	MS	559	8,090.00	3,002.00	3,002.00	3,002.00	1,800.59
10	MS	508	17,525.00	5,665.00	5,598.93	5,610.87	2,348.28
11	MS	457	10,820.00	2,540.00	1,061.62	2,430.65	-
12	MS	406	7,520.00	2,395.80	2,395.80	2,395.80	-
13	MS	355.6	16,750.00	5,148.00	5,148.00	2,530.12	-
14	MS	323.9	24,800.00	3,618.00	3,618.00	961.60	-
15	MS	219	75.00	-	-	-	-
16	HDPE	63	180.00	150.00	-	-	-
17	HDPE	75	1,980.00	900.00	-	-	-
18	HDPE	90	280.00	160.00	-	-	-
19	HDPE	110	3,690.00	2,880.00	-	-	2,551.00
20	HDPE	125	40.00	-	-	-	-
21	HDPE	140	3,980.00	672.00	-	-	492.00
22	HDPE	160	5,950.00	3,480.00	-	-	1,626.00
23	HDPE	180	1,590.00	1,272.00	-	-	-
24	HDPE	200	2,770.00	550.00	-	-	-
25	HDPE	225	10,970.00	11,280.00	-	-	9,045.00
26	HDPE	250	11,950.00	-	-	-	-
27	HDPE	280	6,120.00	3,944.00	-	-	3,662.00
28	HDPE	315	21,130.00	6,400.00	-	-	6,228.00
Total			2,21,920.00	89,104.59	54,999.35	51,615.06	59,608.74

Jackwell cum Pumphouse Progress

S.No	Description	E/W Excavation	PCC	Raft	Side Wall upto PFL	Side Wall above PFL upto MFL	Above MFL upto Corbel	Above Corbel upto Roof	Roofing	Remarks
1	Lift-1 (Kudenahalli)	Completed	Completed	In Progress	-	-	-	-	-	Raft Reinforcement work is in progress.
2	Lift-2 (Ammerahalli)	E/W excavation work is in progress	-	-	-	-	-	-	-	-
3	Lift-4 (Kavathanahalli)	E/W excavation work is in progress	-	-	-	-	-	-	-	De-watering & Earthwork is in progress for excavation.
4	Lift-5 (Lakshmisagara)	E/W excavation work is in progress	-	-	-	-	-	-	-	-
5	Lift-6 (Kurthahalli)	E/W excavation work is in progress	-	-	-	-	-	-	-	-
6	Lift-7 (Muduvadi)	Completed	Completed	Completed	Completed	In Progress	-	-	-	MFL Slab Shuttering & Reinforcement work is in progress.
7	Lift-8 (Yadharuru)	Completed	Completed	In Progress	-	-	-	-	-	Raft Reinforcement work is in progress.
8	Lift-9 (Somayajalapalli)	Completed	Completed	Completed	Completed	Completed	In Progress	-	-	Columns & Beams above MFL slab is in progress.

Work Progress Photos

MS & HDPE Pipes Stocking





MS Pipes Gunning & Painting



MS & HDPE Pipe Laying





Jackwell cum Pumphouse Muduvadi (Lift-7)



Yadharuru (Lift-8)



Somayajalapalli (Lift-9)



A scenic view of a rocky coastline. The foreground shows a sandy, light-colored rock formation with sparse green vegetation. The middle ground is a calm, blue-grey body of water extending to the horizon. The sky is a pale, clear blue. The entire image is framed by a thin red border.

Thank You