

PORTFOLIO



Sadik Infra

Shaik Jani, an experienced civil contractor and entrepreneur, has been actively contributing to India's infrastructure development since 2012. Starting as a subcontractor under reputed companies like IJM and NCC Limited, he has gained hands-on experience in national highways, railway infrastructure, and urban waterworks.

In 2020, he registered himself as a Class 5 contractor in Andhra Pradesh State, and through consistent performance and government-approved projects, upgraded to a Class 2 contractor license with a bidding capacity of up to ₹2 Crores.

Expanding his footprint, he co-founded Sadik Infra, a registered Class 3 contracting firm under the Government of Telangana, with a bidding capacity of ₹4 Crores. As a Managing Partner, he is responsible for overseeing the execution, budgeting, material procurement, and compliance of infrastructure projects across both states.

PROJECTS

1. IJM – National Highway Project (NH-16 Package)

- **Duration:** 2012 to 2014
 - **Role:** Subcontractor
 - **Scope:** Contributed to construction activities under the **National Highway NH-16 Package**
 - **Status:** Completed successfully
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2. NCC Limited – Railway Infrastructure

- **Duration:** 2015 to 2016
 - **Role:** Subcontractor
 - **Scope:** **Transportation and formation** of materials for new **railway track development**
 - **Status:** Completed successfully
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3. NCC Limited – Water & Sewerage Works

- **Duration:** 2018 to 2019
- **Role:** Subcontractor
- **Scope:**
 - Deep excavation and laying of **Ductile Iron (DI) pipes**
 - Installation of **1400 mm dia RCC pipes**
 - Managed with 4 excavators and 1 hydra crane

- **Status:** Work halted due to government change

4. Project: Mechanical Site Preparation – Uprootal & Tilling at Badampet (Medak Division)

- **Name of Work:** Clear Felling and Chipping, Uprootal of Stumps, Soil Tilling to 0.45 m Depth
 - **Tender ID:** 578893 (Government of Telangana)
 - **Estimate Contract Value (ECV):** ₹23,82,981.55
 - **Location:** Badampet (46.00 Hectares), Package No. 1, Medak Division, R/o Kanapur, Nizamabad
 - **Year of Execution:** For 2025 EP Plantation Preparations
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Scope of Work:

This project involved full mechanical site preparation using high-capacity machinery for the development of forest land intended for future plantation:

- **Complete uprootal of tree stumps** from the entire 46-hectare site.
- **Chipping and heaping** of biomass using mechanical equipment.
- **Tilling of soil up to 0.45 meters** deep across the full area for aeration and plantation readiness.
- Use of excavators fitted with **0.90 m³ and above bucket capacity**.
- **Collection and removal** of uprooted stumps of all sizes and stacking them **outside the plantation area**.
- **Filling of pits** left by uprooted stumps with nearby soil followed by **final site levelling**.



5. Project: Mechanical Site Preparation – Madharam & Subbanapally Plantations (Paloncha Division)

- **Name of Work:** Clear Felling, Chipping & Heaping, Uprootal of Stumps, Soil Tilling and Levelling
- **Tender ID:** 571027 (Government of Telangana)
- **Estimate Contract Value (ECV):** ₹40,07,053.23
- **Location:**
 - **2025 EP Madharam (Old 2004 EP)**
 - **2025 EP Subbanapally (Old 2003 EP)**
 - **Package No. 6, Paloncha Division**
 - **Total Area:** 75.48 Hectares
- **Year of Execution:** For 2025 EP Plantation Preparations

Scope of Work:

This project involved **complete mechanical preparation** of forest plantation sites using advanced earthmoving and excavation equipment. The goal was to ready the area for the upcoming plantation season:

- **Clear felling of vegetation**, followed by **chipping and heaping** of all cut biomass.
- **Mechanical uprootal of stumps** of all sizes from across the site.
- Use of excavators with **0.90 m³ and above capacity buckets** to loosen and till soil to a depth of **0.45 meters**.
- **Dragging and stacking** of all uprooted stump wood **outside plantation boundaries**.
- **Filling of pits** left by stump removal using native soil and **final site levelling**.



6. Project: Construction of Outfall CC Drain at Housing Board Colony (Ward 28)

- **Name of Work:** Construction of Outfall Cement Concrete Drain at 0-Line End in Housing Board Colony, Division No. 28 under AE-3 Section (*7th Call*)
 - **Tender ID:** 772632
 - **Estimate Contract Value (ECV):** ₹28,03,800.00
 - **Location:** Housing Board Colony, Div. No. 28
 - **Current Status:** Work in Progress
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Scope of Work:

This project involves the **construction of a cement concrete (CC) outfall drain** to enhance stormwater flow and reduce waterlogging in residential areas:

- **Formation of CC drain** along the 0-line to improve drainage discharge capacity.
- Proper **grading and alignment** to ensure smooth water outflow.
- **Strengthening of base layers** with proper compaction and concrete casting.
- Execution under strict supervision to meet **urban drainage standards**.

7. Project: Desilting of Samalkot Canal (Km 45.300 to Km 48.900)

- **Name of Work:** Desilting of Samalkot Canal in Between Km 45.300 to 48.900
 - **Tender ID:** 725382
 - **Estimate Contract Value (ECV):** ₹27,30,000.00
 - **Location:** Samalkot Mandal, Kakinada District
 - **Current Status:** Work in Progress
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Scope of Work:

This project focuses on **removal of accumulated silt** in the Samalkot Canal that has hindered water flow for over five years:

- **Desilting operations** from Km 45.300 to Km 48.900 using mechanical equipment.
- **Transport and stacking** of removed silt on designated canal banks.
- Restoration of **full canal capacity** to ensure uninterrupted water flow.



8. Project: CC Road & Drain Construction – Sanjeevaih Nagar and Sarada Colony

- **Name of Work:**
Providing Cement Concrete Road to Sanjeevaih Nagar 1/9 Line and Sarada Colony Municipal Elementary School Road, and Construction of RCC Culvert at Sarada Colony Margin 25th Line in Division No. 53 under AE-6 Section
- **Tender ID:** 708061
- **Estimate Contract Value (ECV):** ₹20,41,100.00
- **Location:** Sanjeevaih Nagar & Sarada Colony, Division No. 53
- **Current Status:** Work in Progress

Scope of Work:

This project includes comprehensive urban infrastructure development with the construction of **CC roads and stormwater drainage systems**:

- **Laying of cement concrete (CC) roads** to improve street durability and reduce maintenance needs.
- **Construction of an RCC culvert** at Sarada Colony Margin 25th Line for improved water flow across low-lying roads.
- **Installation of CC drain sections** alongside roads to support proper drainage and prevent water stagnation during rains.



9. Project: Construction of Drain & RCC Culverts – Fathimapuram Main Road

- **Name of Work:**
General Fund 2023–24 – Construction of Drain and RCC Culverts at Fathimapuram Main Road from 1st Line to 6th Line in Secretariat No. 123, Ward No. 34 under AE-1 Section, GMC (*3rd Call*)
- **Tender ID:** 763162
- **Estimate Contract Value (ECV):** ₹16,89,200.00
- **Location:** Fathimapuram, Guntur Municipal Corporation
- **Current Status:** Work in Progress

Scope of Work:

The project focuses on improving **stormwater drainage and pedestrian safety** along the main road:

- **Construction of cement concrete (CC) roadside drains** for efficient rainwater discharge.
- **Laying of RCC culverts** to ensure smooth water passage at intersections.
- Upgrading infrastructure for long-term durability and better sanitation in the locality.

10. Project: Weed Removal from Y.I. Channel, Pithapuram & Upparakhandi

- **Name of Work:**
Removal of Weed Growth from Y.I. Channel and its Offtake Channels between K.M. 13.000 to 18.500 under WUA 20 Pithapuram, and Upparakhandi Channel and its Offtake Channels. Formation of Cross Bund and Dividing Wall across Nakkalakhandi Channel under WUA 25 Gollaprolu – Rabi Season 2023–24
 - **Tender ID:** 688206
 - **Estimate Contract Value (ECV):** ₹8,40,000.00
 - **Location:** Pithapuram & Upparakhandi Region
 - **Current Status:** Work Completed
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Scope of Work:

This project aimed to **restore canal flow efficiency** and support irrigation needs for Rabi season:

- **Manual and mechanical removal of dense weed growth (water hyacinth)** in high-concentration areas.
- **Clearing of water channels and offtakes** to ensure full-capacity water flow.
- **Formation of temporary cross bunds and dividing walls** to control and direct water supply across agricultural zones.

11. Project: Weed Removal from Samalkota Canal – Kharif & Rabi Seasons

- **Name of Work:**
Removal of Weed Growth from **Samalkota Canal** between Km 43.400 and 59.700 during **Kharif and Rabi Seasons** in the year 2023–24 in **Samalkota Mandal, Kakinada District (3rd Call)**
 - **Tender ID:** 646910
 - **Estimate Contract Value (ECV):** ₹9,20,000.00
 - **Location:** Samalkota Mandal, Kakinada District
 - **Current Status:** Work Completed
-

Scope of Work:

This project focused on **enhancing irrigation efficiency** by clearing major blockages in the canal:

- **Removal of dense weed growth**, mainly **water hyacinth**, from a stretch of over 16 km.
- Ensuring **uninterrupted water flow** to farmlands during crucial cropping seasons.
- Deployment of skilled labor and machinery to clear the canal efficiently within the stipulated timeline.



12. Project: O&M Repairs to Lock Chamber Gates at Kolluru Lock & Associated Structures

- **Name of Work:**
Operation & Maintenance Repairs to Lock Chamber Gates of Kolluru Lock @ Km 45.200 on K.W. Bank Canal, and associated works at:
 - **Varahapuram Channel**
 - **Shutter at Km 1.406**
 - **Vellabadu Branch**
 - **Ananthavaram Branch**
 - **Krapa Branch of Kollur Mandal**
 - **Kollapalem Regulator**
 - **RTS Channel of Bhattiprolu Mandal in Bapatla District**
 - **Tender ID:** 646610
 - **Estimate Contract Value (ECV):** ₹11,83,800.00
 - **Location:** Kollur & Bhattiprolu Mandals, Bapatla District
 - **Current Status:** Work Completed
-

Scope of Work:

This vital maintenance project included:

- **Repair and reinstallation** of lock chamber gates for effective operation.
- **Servicing of shutters and regulators** at multiple branch points to ensure proper control and regulation of irrigation water flow.
- **Strengthening of canal infrastructure** to prevent water leakage and structural failure.

13. Project: O&M Spraying Chemical on Weed Growth in Kollipara Channel

- **Name of Work:**
Operation & Maintenance Spraying of Chemicals on Weed Growth in Kollipara Channel between Km 7.00 and Km 16.700 and its branches in Vemuru Mandal
- **Tender ID:** 639614
- **Estimate Contract Value (ECV):** ₹13,76,600.00
- **Location:** Kollipara Channel, Vemuru Mandal

- **Current Status:** Work Completed
-

Scope of Work:

This project focused on controlling **water hyacinth** growth in the canal system:

- **Spraying of herbicides** to remove **water hyacinth** and other invasive weeds.
- Application of chemicals to **prevent the regrowth** of weeds in the canal and its branches.
- Ensuring **unobstructed water flow** to improve irrigation efficiency.

14. Project: O&M Repairs to Shutters of Branches of Commamuru Canal

- **Name of Work:**
Operation & Maintenance Repairs to Shutters of Branches of Commamuru Canal from Km 58.000 to 65.000 under Project Committee
 - **Tender ID:** 632754
 - **Estimate Contract Value (ECV):** ₹7,21,200.00
 - **Location:** Commamuru Canal, Project Committee Area
 - **Current Status:** Work Completed
-

Scope of Work:

This maintenance project focused on restoring **water flow regulation** across several branches of the canal:

- **Repairs and installation** of shutters at specified locations along the canal branches.
- Ensuring **proper sealing and functioning** of shutters to control water levels and prevent water loss.



15. Project: Removal of Weed Growth from Upparakhandi Canal and Its Offtake Channels

- **Name of Work:**
Removal of Weed Growth from Upparakhandi Canal and its Offtake Channels, and Formation of Cross Bunds under WUA No.25 Gollaprolu during the year 2023-24 for Khariff
 - **Tender ID:** 621282
 - **Estimate Contract Value (ECV):** ₹7,00,000.00
 - **Location:** Upparakhandi Canal, Gollaprolu
 - **Current Status:** Work Completed
-

Scope of Work:

This project focused on the removal of **water hyacinth** and improving canal flow:

- **Removal of invasive weeds** such as **water hyacinth** from the canal and its offtake channels.
- **Formation of cross bunds** to ensure better water management.
- Cleaning and maintaining the channels to **optimize water flow** for irrigation purposes.

16. Project: Desilting of Nakhalakhandi Drain and Clearing of Vents of Aqueduct

- **Name of Work:**
Desilting of Nakhalakhandi Drain, Clearing of Vents of Aqueduct at 19.2 km of P.B.C., and Clearing Shoals from 0.0 km to 1.00 km up to the P.B.C. Main Canal
 - **Tender ID:** 594423
 - **Estimate Contract Value (ECV):** ₹8,65,000.00
 - **Location:** Nakhalakhandi Drain, P.B.C. Canal
 - **Current Status:** Work Completed
-

Scope of Work:

This project focused on cleaning and improving the water flow in the drainage system:

- **Desilting of Nakhalakhandi drain** to remove accumulated silt.
- **Clearing of vents** in the aqueduct at the 19.2 km mark to ensure water passage.
- **Clearing shoals** to prevent any blockage and ensure the free flow of water.



17. Project: Removal of Sand from 1000 KL Capacity Clear Water Sump

- **Name of Work:**
Removal of Sand from 1000 KL Capacity Clear Water Sump at 42 MLD Filtration
- **Tender ID:** 487747
- **Estimate Contract Value (ECV):** ₹2,51,800.00
- **Location:** 42 MLD Filtration Plant
- **Current Status:** Work Completed

Scope of Work:

This project involved the **cleaning of the sump** to ensure continuous and efficient water supply:

- **Removal of accumulated sand** from the 1000 KL capacity clear water sump.
- The entire process was completed in **one single night** to ensure the **continuous water supply** to the entire city without interruption.



18. Project: Jungle Clearance for Layout in Amaravathi Township

- **Name of Work:**
Jungle Clearance for Layout in Amaravathi Township at Navuluru, Mangalagiri
 - **Tender ID:** 470689
 - **Estimate Contract Value (ECV):** ₹21,21,000.00
 - **Location:** Amaravathi Township, Navuluru, Mangalagiri
 - **Current Status:** Work Completed
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Scope of Work:

This project involved the **clearance of thick jungle** to prepare the site for urban development:

- **Clearing dense vegetation using 200 LC excavators.**
- Ensuring the land was cleared and ready for further construction or development as part of the township layout.



19. Project: Providing HDPE Pipe Line for Drinking Water Supply

- **Name of Work:**
Providing 250mm dia HDPE Pipe Line to Gujanagundla Reservoir to Sai Baba Nagar 1st Line up to Nayee Brahmana Colony 3rd Line and 200mm dia HDPE Pipe Line to Nayee Brahmana Colony 3rd Line to Kalyani Nagar 2nd Line and 110mm dia HDPE Pipe Line at Nai Brahmana Colony 6th Line to Kanna Nagaraju Colony 2nd Line in Div.No.39 and Bhaga Nagar 2nd Line to 3rd Line End in Div.No.36
- **Tender ID:** 464576
- **Estimate Contract Value (ECV):** ₹25,74,800.00
- **Location:** Guntur Municipal Corporation (Div.No.39 and Div.No.36)
- **Current Status:** Work Completed

Scope of Work:

This project involves the **installation of HDPE pipelines** to ensure the supply of **drinking water**:

- **250mm dia HDPE Pipe Line** for the supply of drinking water from **Gujjanagundla Reservoir** to **Sai Baba Nagar 1st Line** and to **Nayee Brahmana Colony**.
- **200mm dia HDPE Pipe Line** from **Nayee Brahmana Colony 3rd Line** to **Kalyani Nagar 2nd Line**.
- **110mm dia HDPE Pipe Line** at **Nai Brahmana Colony 6th Line** to **Kanna Nagaraju Colony 2nd Line**.
- Extending pipelines from **Bhagya Nagar 2nd Line** to **3rd Line End** to ensure water supply across various locations.



20. Project: Construction of Roof Truss Shed on HLR Sump

- **Name of Work:**
Construction of Roof Truss Shed on HLR Sump in Division No.32 under AE-1 Section
 - **Tender ID:** 452615
 - **Estimate Contract Value (ECV):** ₹11,05,800.00
 - **Location:** Division No.32
 - **Current Status:** Work Completed
-

Scope of Work:

The project involves the **fabrication and construction of a roof truss shed over the HLR sump**:

- **Roof Truss Shed Construction** for providing coverage and protection to the **HLR sump**.
- **Fabrication work** for the roof trusses to ensure structural stability and functionality.

21. Project: Filling the Low-Level Area of Gandhi Park with Gravel

- **Name of Work:**
Filling the Low-Level Area of Gandhi Park with Gravel as part of Renovation Work under AE-5 Section LLR
 - **Tender ID:** 444261
 - **Estimate Contract Value (ECV):** ₹45,26,100.00
 - **Location:** Gandhi Park
 - **Current Status:** Work Completed
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Scope of Work:

The project involves **filling low-level areas of Gandhi Park with gravel** as part of the park's **renovation work**:

- **Gravel Filling** to level the low areas, improving the landscape and accessibility of the park.
- Ensuring **drainage improvement** and **aesthetic enhancement** for the park's future use.



22. Project: Construction of CC Drain & RCC Culverts to Banjaranaik Colony Main Road

- **Name of Work:**
Construction of CC Drain & RCC Culverts to Banjaranaik Colony Main Road from Syamala Nagar 9th Line to West End in Div.No.32 under AE-2 Section, Guntur Municipal Corporation
- **Tender ID:** 407637
- **Estimate Contract Value (ECV):** ₹8,67,800.00
- **Location:** Banjaranaik Colony Main Road
- **Current Status:** Work in Progress

Scope of Work:

The project involves the **construction of a CC (Cement Concrete) Drain and RCC (Reinforced Cement Concrete) Culverts along Banjaranaik Colony Main Road from Syamala Nagar 9th Line to West End:**

- **Construction of Drain for proper stormwater management.**

- **RCC Culverts** to ensure smooth **drainage and road accessibility**.
- **Improvement of road infrastructure** in the targeted areas.



23. Project: Providing C.C Drain & RCC Culverts from Arch Road to Akula Ravi House at Budampadu

- **Name of Work:**
Providing C.C Drain & RCC Culverts from Arch Road to Akula Ravi House at Budampadu in Div.No.61 under AE-9 Section
- **Tender ID:** 375579
- **Estimate Contract Value (ECV):** ₹7,99,500.00
- **Location:** Budampadu, Div.No.61

Scope of Work:

The project involves the **construction of a C.C (Cement Concrete) Drain** and **RCC (Reinforced Cement Concrete) Culverts** along the route from **Arch Road** to **Akula Ravi House**:

- **Construction of Drain** to manage **stormwater effectively**.
- **RCC Culverts** for enhanced **road drainage** and to ensure smooth **traffic movement**.
- **Improvement of road and drainage infrastructure** in the Budampadu area.



24. Project: Specialised Work of Structural Repairs and Waterproofing Treatment at B.R. Stadium ELSR-I & II

- Name of Work:**

Specialised work of Structural Repairs and Waterproofing Treatment to Columns and Walls and Inside Bottom Slab of ELSR Tank by providing Gunniting and Sand Blasting at B.R. Stadium ELSR-I & II (1590 KL & 1370 KL).

- Tender ID:** 374824

- Estimate Contract Value (ECV):** ₹8,72,300.00

- Location:** B.R. Stadium ELSR-I & II

Scope of Work:

- Structural Repairs:** Carrying out **structural repairs** on the columns and walls of the **ELSR tank** to ensure stability and prevent further damage.
- Waterproofing Treatment:** Applying **waterproofing techniques** to protect the tank structure from water seepage and ensure long-term durability.
- Gunniting:** Using **gunniting** (spray of concrete mixture) to treat the interior surface of the tank and improve structural integrity.
- Sand Blasting:** Conducting **sand blasting** to clean the surface and prepare it for effective treatment.



25. Project: Providing 110mm Dia HDPE Pipe Line from Prathipadu Road Etukuru Tank Bund upto Lalpuram Donka Road

- **Name of Work:**
Providing 110mm Dia HDPE Pipe Line from Prathipadu Road Etukuru Tank Bund up to Lalpuram Donka Road in Etukuru Div.No.16 AE-9 Section
 - **Tender ID:** 368053
 - **Estimate Contract Value (ECV):** ₹7,79,600.00
 - **Location:** Etukuru Div.No.16 AE-9 Section
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Scope of Work:

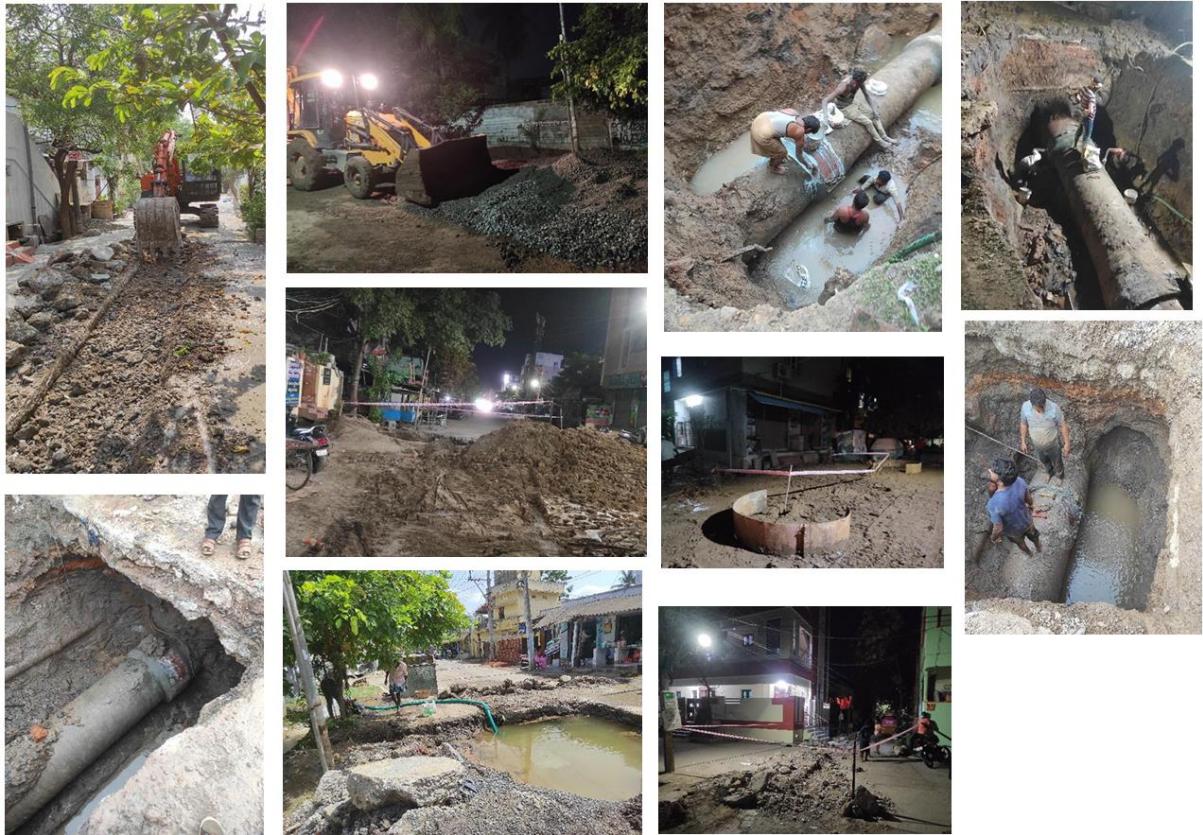
- **HDPE Pipe Installation:** Laying of **110mm diameter HDPE pipe** for effective water supply in the specified area.
- **Pipe Laying Process:** Ensuring proper installation of the **HDPE pipe line** to ensure uninterrupted water supply from **Prathipadu Road** to **Lalpuram Donka Road**.

26. Project: Rectification of Leaks over 800mm Dia PSC Pumping Main Line from Nehru Nagar to HLR Reservoirs at Vasanthalayapuram

- **Name of Work:**
Rectification of leaks over 800mm Dia PSC Pumping Main Line from Nehru Nagar to HLR Reservoirs at Vasanthalayapuram, including specific leak locations such as near D.No.35-97, D.No.36-29, and Srinagar areas.
 - **Tender ID:** 367949
 - **Estimate Contract Value (ECV):** ₹6,42,800.00
 - **Location:** Vasanthalayapuram & Nearby Areas
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Scope of Work:

- **Leak Detection & Excavation:** Identifying the **leaks** along the **800mm diameter PSC pumping main** and excavating with **EX 110 excavators** to access the leak points.
- **Leak Closure:** Using **clamps** and **waterproof quick-setting cement** to seal the identified leaks and ensure the pipeline's integrity.
- **Leaking Points:** The project involves fixing **11 different leaks** spread across various locations.



27. Project: Supply and Delivery of Dumper Placers & Mini Compactors Front

- **Name of Work:**
Supply and Delivery of Dumper Placers & Mini Compactors Front
- **Tender ID:** 352171
- **Estimate Contract Value (ECV):** ₹7,70,800.00
- **Work** **Details:**
Purchasing and supplying tyres to municipal corporation garbage collection lorries for improved sanitation vehicle operations.

28. Project: Supply and Delivery of Dumper Placers, Tippers, SWM & Big Compactors Tyres, Tubes & Flaps

- **Name of Work:**
Supply and Delivery of Dumper Placers, Tippers, SWM & Big Compactors Tyres, Tubes & Flaps to GMC Sanitation Vehicles
- **Tender ID:** 352170
- **Estimate Contract Value (ECV):** ₹7,79,500.00

- **Work Details:**
Purchasing and supplying tyres to municipal corporation garbage collection lorries to maintain sanitation vehicle efficiency.
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29. Project: Construction of CC Drains to Varshitha Apartment Road Opp ID Hospital in Gorantla

- **Name of Work:**
Construction of CC Drains to Varshitha Apartment Road opposite ID Hospital in Gorantla, Div No.57 under AE-1 Section
 - **Tender ID:** 324642
 - **Estimate Contract Value (ECV):** ₹8,00,693.
 - **Work Details:**
Construction of **CC drains** along **Varshitha Apartment Road** to improve drainage and prevent flooding.
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30. Project: Providing C.C Road to Vijayapuri Colony 5th Line in Gorantla

- **Name of Work:**
Providing C.C Road to Vijayapuri Colony 5th Line in Gorantla, Div.No.57 under AE-1 Section
 - **Tender ID:** 321086
 - **Estimate Contract Value (ECV):** ₹8,69,000.00
 - **Work Details:**
Construction of CC Road to Vijayapuri Colony 5th Line, enhancing road infrastructure and connectivity.
-

31. Project: Construction of CC Drains at Kaleswara Rao Rythu Bazar Opp Towards West to Vagu

- **Name of Work:**
Construction of CC Drains at Kaleswara Rao Rythu Bazar opposite towards West to Vagu, Div. No. 25 under AE-3 Section
- **Tender ID:** 300811
- **Estimate Contract Value (ECV):** ₹804,700.00
- **Work Details:**
Construction of **CC drains at Kaleswara Rao Rythu Bazar** for better drainage facilities in the area.

32. Central Government Affordable Housing Project

Duration: June 2023 – April 2024

Project Overview:

As part of the Central Government Affordable Housing Project, I was involved in the construction of 243 houses for economically weaker sections. Each house was built on a 48 sq. yard plot, with a total budget of ₹1.8 lakhs per house, covering material costs, labor, and transportation.

My Role:

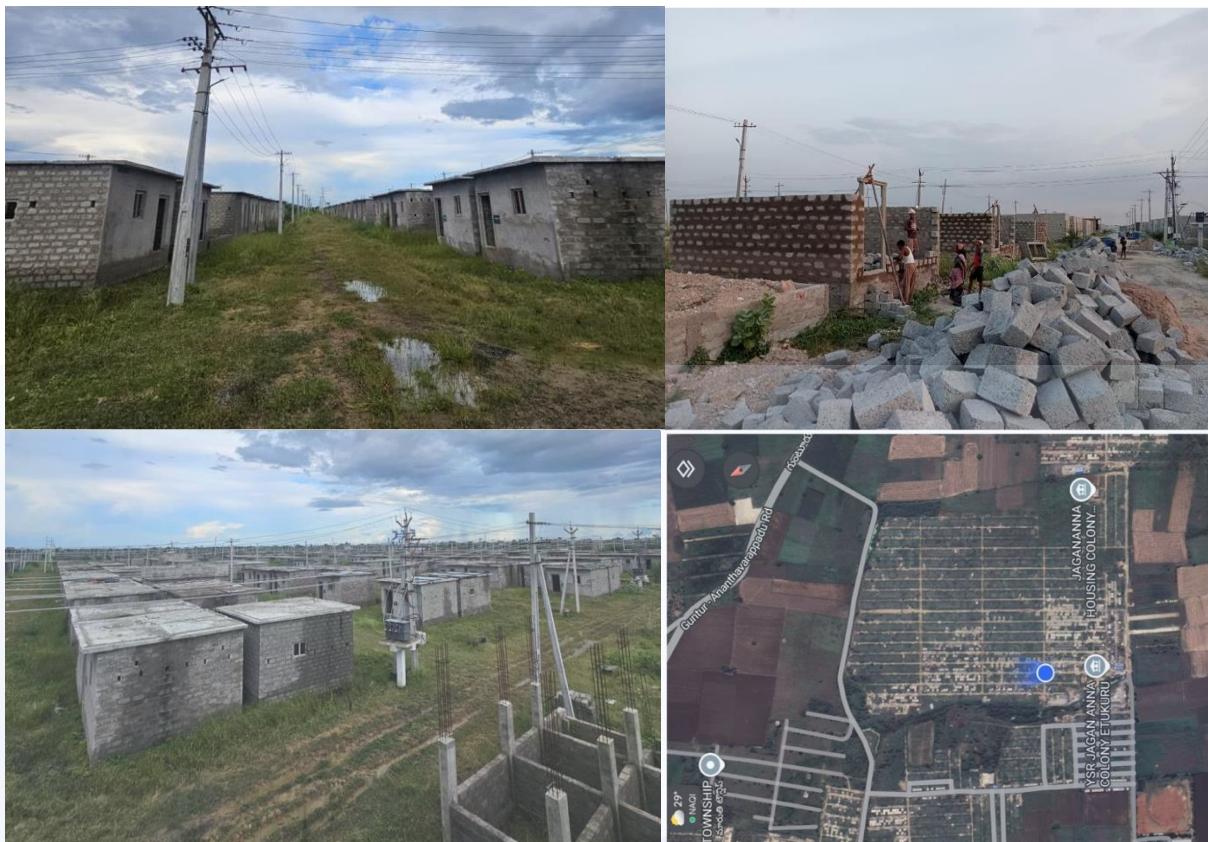
I coordinated the construction phases, which included material procurement, labor management, and ensuring that each house adhered to the government's quality standards. Additionally, I worked to keep the project within the set budget while meeting the project timelines.

Challenges:

Despite challenges such as delays in the release of government funds and interruptions due to the onset of elections, which halted the project's progress, our team ensured that the work completed until that point was aligned with the planned specifications.

Impact:

This initiative significantly contributed to improving living conditions for underprivileged families by providing affordable and quality housing.



33. Water Sewage System at Amaravathi

Excavation Depth: 6 to 9 meters

Work Overview:

I was involved in the construction of a **water sewage system** for **Amaravathi**, the newly developed capital of Andhra Pradesh. The project required deep excavations ranging from **6 to 9 meters**, where various sizes of **pipes** were laid. These included **1200mm dia, 600mm dia, 700mm dia, 900mm dia DI pipes**, and **1400mm dia RCC pipes**.

Execution:

The pipes were placed in the excavated trenches using **hydra cranes**, and the ends of the pipes were **joined** during placement. The total volume of work completed was over **1.5 lakh cubic meters**. The **actual value of the work**, as agreed by the government, was **₹5,37,79,500**.

Challenges and Delays:

The project faced significant interruptions due to the **2019 elections**, leading to a temporary halt in work when the ruling party changed. The work remained on hold until the **next elections**, as the project was directly linked to the continuity of the **same political party**. In 2024, with the same party returning to power, work is gradually resuming and progressing.

Impact:

This water sewage system plays a crucial role in providing water to the newly developed capital of **Amaravathi**, contributing to the infrastructure development of the state.

