

PRJ-NC-000372 - Chemical Water Treatment system Replacement (3rd Phase)

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The Gantt chart illustrates the project schedule for the Chemical Water Treatment system Replacement (3rd Phase). The timeline spans from May 2021 to August 2023, with major milestones marked at the top. The chart is organized into several sections, each representing a different phase of the project.

Activities / milestones

- Scope definition - Phase 02
- Quotation suppliers
- New tanks
- Civil Engineering for removal and installation of tanks
- PICs Engineering for automatic control of dosing
- Electrical Engineering scope Cost Estimate
- Budget estimate preparation
- EAR preparation phase 2
- EAR approval process according procedures - Possible Senior Management approval
- Order / award of external materials
- Drawings development & approval (new tanks & injection lines)
- ASU3
- BDO
- ASU2/LHY
- GUP
- Engineering development
- PPE P&ID mark up changes
- Piping & Mechanical Engineering development
- PICs Engineering development
- Civil Engineering development
- Electrical Engineering development
- OPS EMOC Set up & Approval
- ASU3
- BDO
- ASU2/LHY
- GUP
- Lead time new tanks - based on recent installation. Lead time will depend on availability of raw materials at the moment of PO. Worldwide shortness
- ASU3
- BDO
- ASU2/LHY
- GUP
- Prefabrication works
- Construction /implementation chemical dosing
- ASU3 construction / implementation
- Site work coordination & Safety Permit issue
- Installation of temporary supply - IBC
- Removal and disposal of existing tanks
- Civil works to place new tanks
- Placement of new tanks x 4
- Field Installation of control part - pH & conductivity lines
- Field Installation of electrical panel
- New dosing lines to Cooling Tower
- Commissioning, testing, calibration
- Removal of temporary supply - IBC
- BDO construction / implementation
- Site work coordination & Safety Permit issue
- Installation of temporary supply - IBC
- Removal and disposal of existing tanks
- Civil works to place new tanks
- Placement of new tanks x 4
- Field Installation of control part - pH & conductivity lines
- Field Installation of electrical panel
- New dosing lines to Cooling Tower
- Commissioning, testing, calibration
- Removal of temporary supply - IBC
- ASU2/LHY construction / implementation
- Site work coordination & Safety Permit issue
- Installation of temporary supply - IBC
- Removal and disposal of existing tanks
- Civil works to place new tanks
- Placement of new tanks x 4
- Field Installation of control part - pH & conductivity lines
- Field Installation of electrical panel
- New dosing lines to Cooling Tower
- Commissioning, testing, calibration
- Removal of temporary supply - IBC
- GUP construction / implementation
- Site work coordination & Safety Permit issue
- Installation of temporary supply - IBC
- Removal and disposal of existing tanks
- Civil works to place new tanks
- Placement of new tanks x 4
- Field Installation of control part - pH & conductivity lines
- Field Installation of electrical panel
- New dosing lines to Cooling Tower
- Commissioning, testing, calibration
- Removal of temporary supply - IBC
- Close out chemical dosing units

The chart uses color-coded bars to represent task durations and dependencies. Key tasks include Quotation suppliers, Drawings development & approval, Engineering development, Construction/implementation chemical dosing, and Close out chemical dosing units. The chart also includes a detailed timeline for the construction and implementation of the chemical dosing system, showing the sequence of tasks and their durations.