

Planning the Work at Bidding Stage

- Site planning and management
- Temporary utilities requirement

Selecting And Sequencing Building Construction Methods and Equipment

- Selection and management of proper construction equipment for specific construction tasks and estimating production/duration
- Establishing construction schedule

Construction Safety

- Construction safety gear
- Fall protection
- Construction safety signs
- Safety training
- Temporary heating

Material Handling

- Cranes
- Man material hoists
- Loading platforms
- Just-in-time delivery schedule

Concrete And Concrete Equipment

- Cranes
- Buckets, chutes, concrete pumps and water pumps
- Air compressors

Forming Systems

- Scaffolding systems
- Shoring systems
- Formwork

Layout Engineering And Surveying

- Drawings
- Tolerances
- Cambers
- Concrete creep

Planning And Coordinating

- Monitoring and updating the schedule

• Utilities

- Power
- Water
- Storm and sanitary sewers

Final Completion

- Defect list
- Corrections
- Paperwork
- Taking over and handing over
- Meeting occupancy requirements

Claims

- Relationship among architect/engineer, owner, contractor and subcontractors
- Expediting/accelerating
- Impact of delays
- Additional work
- Change orders
- As-built schedule