

CONSTRUCTION PROCESSES

Major processes, which would require establishment of quality framework and systems development in construction.

1. Project planning.
2. Identification of the processes involved for obtaining administrative approval and monitoring the implementation.
3. Identification of site and feasibility study including soil testing.
4. Identification of the resources required for execution of the project.
5. Human Resource Management.
6. Financial Engineering and Financial Closure.
7. Preparation of layout plans and building plans.
8. Obtaining statutory approval for construction.
9. Preparation of estimates.
10. Scrutiny and technical sanction for estimates.
11. Registration of contractors.
12. Tendering and selection of contractors.
13. Handing over of the site and site markings.
14. Detailed Engineering and issue of construction drawings.
15. Purchase (Direct / Indirect) of raw materials and quality assurance.
16. Supervision and Quality Control during construction at all stages from excavation to finishing.
17. Periodical review and crisis management if necessary.
18. Calibration and control of measuring / testing devices.
19. Internal audit.
20. Managing Cash Flow.
21. Maintenance of field data.
22. Managing site stores and materials preservation.
23. Availing of outside services (Water, Electricity, and Sewage).
24. Quality check before handing over of the building.
25. Obtaining Completion Certificates from Statutory Authority.
26. Handing over of the building.
27. Preparation and approval of Revised Estimates.
28. Measurement and certification for final payment.
29. Inspection of building before expiry of defect liability period and necessary repairs.
30. Release of EMD and Security Deposits.