

**Art of Tracking**

Create a project plan with the following attributes:

1. Set the current date as Project Start date.
2. Follow the standard calendar.
3. Enter the details given below

ID	Activities	Duration	Predecessor
1	Start	0 day	-
2	Excavate foundation	1 day	1
3	Excavate elevator pit	8 days	2
4	Form column piers and spread foundation	15 days	2,3
5	Rough in electric and plumbing in elevator	10 days	4
6	Form elevator pit wall	4 days	4,5
7	Set reinforcing and anchor bolts	18 days	6
8	Pour column piers and foundation	17 days	6,7
9	Pour concrete elevator walls	28 days	8
10	cure elevator wall concrete	9 days	9
11	Cure piers and foundation	10 days	10
12	Strip wall forms	10 days	11
13	End	0 day	12

4. Define and Assign the resources as below

**Resource Distribution**

Resource/Activity	2	3	4	5	6	7	8	9	10	11	12	Max.units	Std.rate/day
Site Engineer	1	1									1	1	2000
Carpenter	1		1								1	1	1750
Workers			2	3	5	5	5	4	4	5	5	5	1250
Supervisor				1		1			1			1	900

5. Level it, if there is any over allocation.
6. Set the Baseline.
7. Modify the duration of the task 11 as 15 days and update the original baseline.
8. Set the status date 50 days after the start of the project.
9. Activity “Form column piers and spread foundation” start was delayed by one day but took 15 days to complete.
10. Activity “Form Elevator Pit wall” is delayed by 2 days.
11. Assume activity “Pour concrete elevator walls” was started earlier and completed 50% before the status date. The remaining portion continued without split.
12. Interpret the tracking Gantt view with various Tables like Task Variance Table, The Task Cost Table and The Task Work Table.
13. Try overriding Actual cost for any activity.
14. Try setting Actual Start, Actual finish, Percentage complete, remaining duration and Actual Work for one or two activities and observe the progress.
15. Reschedule uncompleted work to start after Status date.