

Project Control

Project Control

- Effect of change to project scope, time & cost**

Why Control ??

- To minimize changes
- To evaluate and perform control changes in project
- To meet the performance objectives defined in the project management plan
- Any deviation – to take timely corrective action



Exercise : Change Analysis Through MSP 2010

- List of change request
- Analysis of change request (use change table on S,T,C EOT PFD, contract sum)- Open baseline file
- Go to Tracking Gantt table and Entry mode
- Enter 1st change request
- Show change on MSP
- Enter 2nd change request
- Show change
- Repeat all request change and finally show the total change to the project case
- Show and analyze summary

Change Request (example)

Bil. Changes

- | | |
|---|--|
| 1 | LA resolve @ 10/6 |
| 2 | VO – Rock excavation (20d after EW – cost 120K) |
| 3 | Work omission – drain (value at RM30K) |
| 4 | Holiday – 21 Sept (M'sia Cup) |
| 5 | Roof resource shortage – 35d become 45d |
| 6 | Fence delivery - add 10 d |
| 7 | Fire protection design change (add RM45K – done 15/12) |
| 8 | Quantity increase – Road (400m to 450m) cost increase from 120K to 150K and need +8d |
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Analysis Table for Control

	scope	time	cost	EOT / Delay	Contract sum	Project Finish Date
Change 1	✓	X	✓	EOT	✓	
Change 2	✓	✓	✓	Delay	✓	

Summary Table for Control

	Scope	Time	Cost		
	No of task	PFD	Contract sum		
Original	31	31/8	RM2 mil		
New	32	10/10	RM2.30 mil		

Documentation & Files

No.	Files	PM Process	R+R	Program Name
1	Program JKR	Planning	Contractor	Accepted/ Initial Program
2	Program BS1	After approval	JKR	Accepted Baseline program
3	Tracking	Monitor	Contractor	Updated program
4	Forecast/ Recovery	Monitor	Contractor	Updated program
5	Revised program	control	contractor	Revised program
6	Program BS2	After approval (control)	JKR	Accepted revised program