

EC - CM

(yhlee@cerik.re.kr)

ENR 2008

1

30 10 가 EC - CM

5 'PM + Engineering',

; ()

가 가

1 30

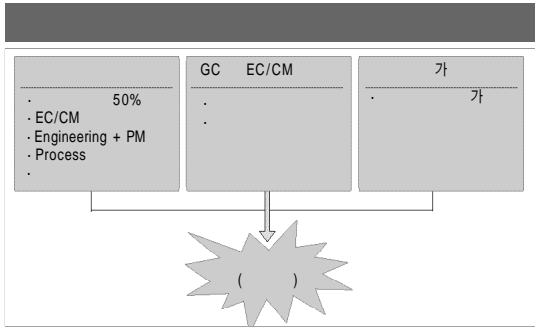
60% 225 GC EC - CM

13 1950 1960

25%

가

2008		2007		Firms				Markets	
Total Revenue	Rank	Total Revenue	Rank	Company Name	Country	Rank	2007 Rev	2008 Rev	% Change
18,748	1	18,800	1	SK E&C	Korea	11	8.1	18,748	100%
16,421	2	16,421	2	SK Engineering & Construction	Korea	12	8.0	16,421	100%
12,701	3	12,701	3	China State Heavy Construction Group	China	8	1.1	12,701	100%
12,539	4	12,539	4	Shimizu	Japan	15	0.4	12,539	100%
12,482	5	12,482	5	Hyundai Engineering & Construction	Korea	13	0.9	12,482	100%
11,924	6	11,924	6	Hochtief AG	Germany	14	0.9	11,924	100%
11,834	7	11,834	7	Hyundai Construction	Korea	16	0.9	11,834	100%
11,700	8	11,700	8	Hyundai Construction	Korea	17	0.8	11,700	100%
11,669	9	11,669	9	Shimizu	Japan	16	0.8	11,669	100%
11,600	10	11,600	10	Shimizu	Japan	17	0.8	11,600	100%
11,555	11	11,555	11	Shimizu	Japan	18	0.8	11,555	100%
11,540	12	11,540	12	Shimizu	Japan	19	0.8	11,540	100%
11,460	13	11,460	13	Shimizu	Japan	20	0.8	11,460	100%
11,390	14	11,390	14	Shimizu	Japan	21	0.8	11,390	100%
11,380	15	11,380	15	Shimizu	Japan	22	0.8	11,380	100%
11,370	16	11,370	16	Shimizu	Japan	23	0.8	11,370	100%
11,360	17	11,360	17	Shimizu	Japan	24	0.8	11,360	100%
11,350	18	11,350	18	Shimizu	Japan	25	0.8	11,350	100%
11,340	19	11,340	19	Shimizu	Japan	26	0.8	11,340	100%
11,330	20	11,330	20	Shimizu	Japan	27	0.8	11,330	100%
11,320	21	11,320	21	Shimizu	Japan	28	0.8	11,320	100%
11,310	22	11,310	22	Shimizu	Japan	29	0.8	11,310	100%
11,300	23	11,300	23	Shimizu	Japan	30	0.8	11,300	100%
11,290	24	11,290	24	Shimizu	Japan	31	0.8	11,290	100%
11,280	25	11,280	25	Shimizu	Japan	32	0.8	11,280	100%
11,270	26	11,270	26	Shimizu	Japan	33	0.8	11,270	100%
11,260	27	11,260	27	Shimizu	Japan	34	0.8	11,260	100%
11,250	28	11,250	28	Shimizu	Japan	35	0.8	11,250	100%
11,240	29	11,240	29	Shimizu	Japan	36	0.8	11,240	100%
11,230	30	11,230	30	Shimizu	Japan	37	0.8	11,230	100%
11,220	31	11,220	31	Shimizu	Japan	38	0.8	11,220	100%
11,210	32	11,210	32	Shimizu	Japan	39	0.8	11,210	100%
11,200	33	11,200	33	Shimizu	Japan	40	0.8	11,200	100%
11,190	34	11,190	34	Shimizu	Japan	41	0.8	11,190	100%
11,180	35	11,180	35	Shimizu	Japan	42	0.8	11,180	100%
11,170	36	11,170	36	Shimizu	Japan	43	0.8	11,170	100%
11,160	37	11,160	37	Shimizu	Japan	44	0.8	11,160	100%
11,150	38	11,150	38	Shimizu	Japan	45	0.8	11,150	100%
11,140	39	11,140	39	Shimizu	Japan	46	0.8	11,140	100%
11,130	40	11,130	40	Shimizu	Japan	47	0.8	11,130	100%
11,120	41	11,120	41	Shimizu	Japan	48	0.8	11,120	100%
11,110	42	11,110	42	Shimizu	Japan	49	0.8	11,110	100%
11,100	43	11,100	43	Shimizu	Japan	50	0.8	11,100	100%
11,090	44	11,090	44	Shimizu	Japan	51	0.8	11,090	100%
11,080	45	11,080	45	Shimizu	Japan	52	0.8	11,080	100%
11,070	46	11,070	46	Shimizu	Japan	53	0.8	11,070	100%
11,060	47	11,060	47	Shimizu	Japan	54	0.8	11,060	100%
11,050	48	11,050	48	Shimizu	Japan	55	0.8	11,050	100%
11,040	49	11,040	49	Shimizu	Japan	56	0.8	11,040	100%
11,030	50	11,030	50	Shimizu	Japan	57	0.8	11,030	100%



가 . (cost)
 가 (value)
 가
 가

GDP

(fast track)

가

(GC : General Contractor)

CM(Construction Management) 가
 CM

PM + Engineering,
 ()
 가

(performance

guarantee)

가

가 EC·CM

가 GC가

EC(Engineer Constructor)

가

(General Contractor) EC·CM

KPI

(NCG)

가

가

50%

10%

()

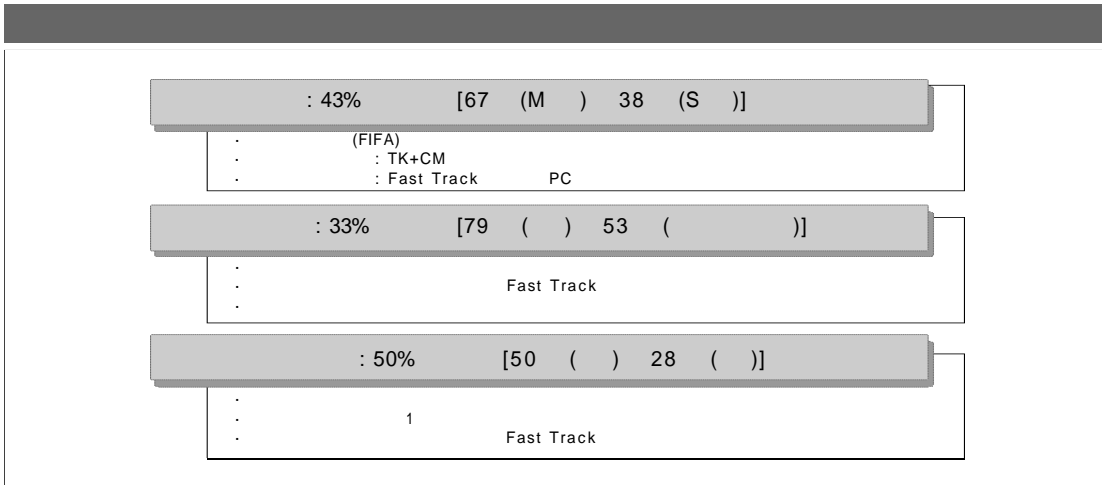
가

(cost)

가

가 (value)

가



(planning)

(scheduling)

planning

가 . planning
가 .

planning

BPR(Business Process Re-engineering)
PPR(Poject Process Re-engineering)

, JIT, SCM,

scheduling

BPR
() 가 가

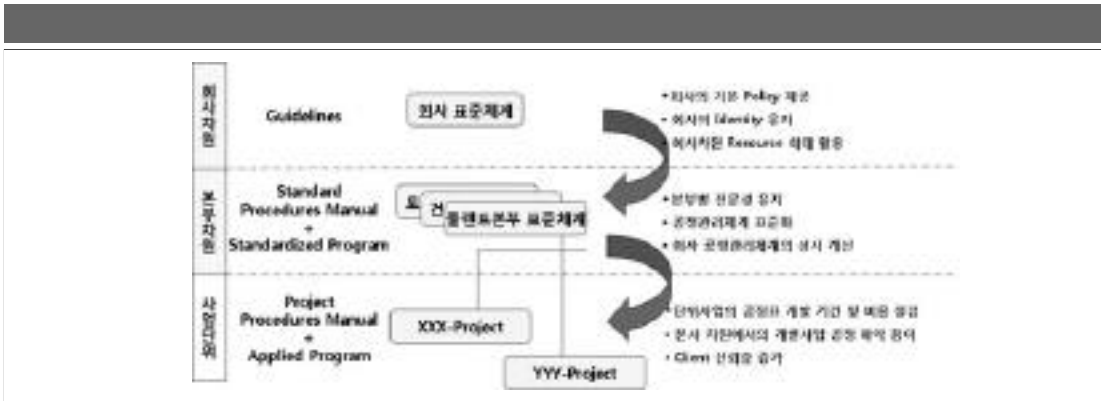
. scheduling

가 . DB
가 .
, 가,

PPR (

) 10

() 2 3 가 .



가

가

(planning)

, planning

가

가

(driving force)

가

(KSF)

