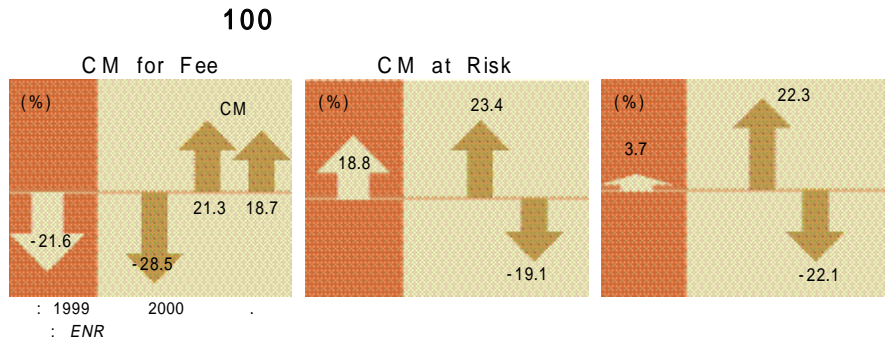


- ENR , PM -

가
ENR 가
(2001 6 18) 2000
가



PM

가
CM
가
2000 CM
CM 가
(' Program -
Management ') 가
CM 2000
1999 21.6%
CM
(EC) 1999
28.5%
EC CM

CM
21.3% CM
가가 18.7%
CM 가
100 CM
CM (CM at Risk)
18.8% 가
CM
23.4% 가
19.1% 가
100
1999
3.7% 가
3.8% 가가
22.3% 가
22.1%

25.4%
CM
Program Manage-
ment (PM)
CM
PM EC
CM
PM
가
CM
가
가
가



가 (DBIA) 가 (risk) 가 40%

가 (C) 50% EC EC CM, EC CM

(Design - Build - Operate) 가 20 (2000) (: , %)

		1)							
			CM ²⁾	3)					
1		EC	14,569	13.7	1.3	85.0	55.0	66	
2		EC	8,968	12.8	-	87.2	42.0	76	
3		EC	6,357	10.9	6.0	83.1	75.0	71	
4		C	5,930	-	2.5	97.5	1.5	78	
5		EC	5,439	-	-	100.0	-	86	
6		C	5,410	-	-	100.0	-	88	
7		EC	4,957	11.4	6.0	82.6	20.5	67	
8		C	4,629	-	-	100.0	6.0	31	
9		EC	3,475	20.6	-	79.4	72.0	100	
10		EC	3,468	39.8	10.7	49.5	30.0	81	
11		EC	3,232	37.0	24.2	38.8	43.0	81	
12		C	3,104	-	6.8	93.2	-	88	
13	J.A.	C	2,777	-	1.8	98.2	6.5	50	
14	URS	EA	2,522	82.5	9.6	7.9	13.0	37	
15		C	2,421	-	1.8	98.2	-	79	
16		C	2,395	-	-	100.0	-	80	
17		EC	2,358	28.7	2.2	69.1	29.0	81	
18		E	2,331	50.7	10.8	38.5	37.0	45	
19		C	2,110	-	-	100.0	17.0	84	
20	CH2M	EAC	2,106	53.8	22.2	24.0	18.0	32	

20 6

EC 20

13

EC CM 가

CM CM

CM 가가 CM

1) (EC : , C : , EA : , EAC :).

2) CM (CM for Fee)

3) CM


: ENR,

20 (2000) (: , %)

		1)	2)	3)			
				CM			
1	URS	EA	2,321	89.6	10.4		27
2		EC	2,179	91.6	8.4		85
3		EC	1,976	60.5	39.5		26
4	AECOM CH2M	EC	1,750	78.8	21.2		64
5		E	1,732	89.1	10.9		78
6		EAC	1,601	70.8	29.2		51
7		E	1,434	82.4	17.6		57
8	Parsons Brinckerhoff	EC	1,144	100.0	-		81
9		EA	1,095	67.9	32.1		62
10		EC	1,074	64.5	35.5		75
11		EC	865	65.6	34.4		85
12		EC	729	92.8	7.2		49
13		EC	717	100.0	-		87
14	ABB Lummus IT	ENV	695	100.0	-		65
15		EC	666	100.0	-		99
16		EC	563	93.8	6.2		80
17		EC	533	86.7	13.3		59
18	HNTB	EC	503	96.0	4.0		65
19		EA	461	87.9	12.1		74
20		EA	378	100.0	-		75

1) EC : , E : , EA : , ENV :
 2) CM ()
 3) CM (CM for Fee)
 : EN R,

CM
 PM 가
 CM 가
 CM (EC)
 100 가
 CM 23.4% 가
 가 가
 CM 가
 5 가 가 가
 CM 가
 LA 가



bnlee@cerik.re.kr