EJ # 1

Esquina noroeste.

	R. Occidente	R. Oriente	R. Central	
El Salvador	12	7	10	~~7,200~~ 1700
	5,800			
Honduras	8	11	9	5,300
	~~5,800~~ 0	3,500	3,500	12,800

	R. Occidente	R. Oriente	R. Central	
El Salvador	12	7	10	~~1700~~ 0
	5,800	1700		
Honduras	8	11	9	~~5,300~~ 3,500
		1,800		
	0	~~3,500~~ 1,800 0	3,500	12,800

	R. Occidente	R. Oriente	R. Central	
El Salvador	12	7	10	0
	5,800	1700		
Honduras	8	11	9	0
		1,800	3,500	
	0	0	~~3,500~~ 0	12,800

$m + n - 1 = 2 + 3 - 1 = 4$

$CT = 5,800(12) + 1700(7) + 1800(11) + 3500(9)$

$CT = 129,200$

Costo mínimo.

	R. Occidente	R. Oriente	R. Central	
El Salvador	12	7	10	7,200 ~~3,700~~
		3,500		
Honduras	8	11	9	5,300
	~~5,800~~	~~3,500~~ 0	3,500	12,800

	R. Occidente	R. Oriente	R. Central	
El Salvador	12	7	10	3,700
		3,500		
Honduras	8	11	9	~~5,300~~ 0
	5,300			
	~~5,800~~ 200	0	3,500	12,800

	R. Occidente	R. Oriente	R. Central	
El Salvador	12	7	10	~~3,700~~ ~~200~~ 0
	200	3,500	3500	
Honduras	8	11	9	0
	5,300			
	200	0	~~3,500~~ 0	12,800

$m + n - 1 = 3 + 2 - 1 = 4$

$CT = 200(12) + 3,500(7) + 3,500(10) + 5,300(8)$

$CT = 104,300$

Vogel.

	R. Occidente	R. Oriente	R. Central	
El Salvador	12	7	10	7,200 3
Honduras	8	11	9	~~5,300~~ 1
	5,300			0
	~~5,800~~ 200	3,500	3,500	12,800
	4	4	1	

	R. Occidente	R. Oriente	R. Central	
El Salvador	12	7	10	~~7,200~~
	200	3,500	3,500	~~3,500~~ 0
Honduras	8	11	9	0
	5,300			
	~~200~~ 0	3,500	3,500	12,800

$m + N - 1 = 4$

$CT = 104,300$

E3 # 6

	D1	D2	D3	D4	D5						
E1	10	8 400	9	7 100	6	500 400 100	1	1 1	1 1	1	1
E2	6	13	7 400	10 200	8	600 200 0	1	1	1	3	3
E3	12	15	11	13	7 900	900 0	4	4	4		
E4	3 300	7 500	17	8	10	800 500 300	4	4 1	1 1	1	
E5	8	11	10	9 600	12	600 0	1	1 2	1	1	2
ficticio	0	0	0	0 100	0	100 0	0				
	300 0 3 3	100 400 0 7 1 1 1 1 1 1	400 0 7 2 2 2	1000 900 100 0 7 1 1 1 1 1 1	100 0 7 1 1	3,500					

$M + N - 1 = 6 + 5 - 1 = 10$

El tablero está degenerado

$CT = 400(8) + 100(7) + 400(7) + 200(10) + 900(7) + 300(3) + 500(7) + 600(9) + 100(0)$

$CT = 24,800$