

S.Table 13-5 Cost Estimation for Spectrum Management

A. HF Spectrum Monitoring System				(USD)
No.	Item	Quantity	Unit Price	Total Price
1	Direction Finder	3	817,000	2,450,000
2	Monitoring Equipment	3	108,000	325,000
3	Spectrum Monitoring System	3	71,000	213,000
4	HF Antenna System	3	42,000	125,000
5	Master Monitoring (Data Base)	3	17,000	50,000
6	Field Strength Measuring System	3	67,000	200,000
7	HF Transmitter System	3	58,000	175,000
8	Mobile Monitoring Vehicle	3	792,000	2,375,000
9	Sub Total			5,913,000
10	Installation Materials (5% of 9)			296,000
11	Installation S/V (1% of 10)			59,000
12	Sub Total			355,000
13A	Total of Foreign Portion			6,267,000
14	Tower (32 m) x 8	3	378,000	1,134,000
15	Tower Foundation (10% of Tower)	3	38,000	113,000
16	Installation Materials (5% of 14)	3	19,000	57,000
17	Tower Installation Fee (10% of Tower)	3	38,000	113,000
18A	Total of Local Portion			1,417,000

B. VHF/UHF Spectrum Monitoring System				
No.	Item	Quantity	Unit Price	Total Price
1	Direction Finder	1	292,000	292,000
2	Monitoring Equipment	1	117,000	117,000
3	Spectrum Monitoring System	1	71,000	71,000
4	V/U Antenna System	1	25,000	25,000
5	Master Monitoring (Data Base)	1	17,000	17,000
6	Field Strength Measuring System	1	39,000	39,000
7	Direction Finder (Unattended)	2	167,000	333,000
8	Mobile Monitoring Vehicle	3	792,000	2,375,000
9	Sub Total			3,269,000
10	Installation Materials (5% of 9)			163,000
11	Installation S/V (1% of 10)			33,000
12	Sub Total			196,000
13B	Total of Foreign Portion			3,465,000
14	Tower (22 m) x 3	3	142,000	426,000
15	Tower Foundation (10% of Tower)	3	14,000	42,000
16	Installation Materials (5% of 14)	3	7,000	21,000
17	Tower Installation Fee (10% of Tower)	3	14,000	42,000
18B	Total of Local Portion			531,000

Grand Total		
1	Grand Total of Foreign Portion (13A+13B)	9,732,000
2	Grand Total of Local Portion (18A+18B)	1,948,000