

D.Table 6.3-4 Internet Traffic Matrix

	Forecasted Demands (Mobile phone)			
	2005	2010	2015	2020
1 Addis Ababa	127035	168453	213111	289537
2 Nazareth	15474	20143	31894	49138
3 Dessie	7489	11620	18353	28236
4 Mekele	15132	24292	37485	56569
5 Dire Dawa	9252	18304	27000	39046
6 Shashemine	11760	22793	33159	46768
7J Jimma	5553	11436	16802	23932
7N Nekempte	3525	5691	8361	11908
8 Bahir Dar	18245	28641	45235	69595
	213465	311373	431400	614729

	Internet Demand forecast			
	2005	2010	2015	2020
1 Addis Ababa	64867	103602	134911	190849
2 Nazareth	7901	12388	20191	32389
3 Dessie	3824	7147	11618	18612
4 Mekele	7727	14940	23730	37288
5 Dire Dawa	4724	11257	17092	25737
6 Shashemine	6005	14018	20991	30827
7J Jimma	2835	7033	10637	15775
7N Nekempte	1800	3500	5293	7849
8 Bahir Dar	9316	17615	28636	45874
	109000	191500	273100	405200

To	2005										2010							
	1 AA	2 Naz	3 Des	4 Mek	5 Dir D	6 Sha	7 Jim	7 Nek	8 Bah D		1 AA	2 Naz	3 Des	4 Mek	5 Dir D	6 Sha	7 Jim	7 Nek
1 Addis Ababa	4310.1	23.9	21.6	23.3	14.3	18.1	8.6	5.4	28.1	5527.1	24.1	13.9	29.1	21.9	27.3	13.7	6.8	34.3
2 Nazareth	501.0	32.5	0.8	1.7	1.0	1.3	0.6	0.4	2.0	628.99								
3 Dessie	242.2	0.8	15.7	0.8	0.5	0.6	0.3	0.2	0.9	362.59								
4 Mekele	489.9	1.7	0.8	31.8	1.0	1.3	0.6	0.4	1.9	758.82								
5 Dire Dawa	299.3	1.0	0.5	1.0	19.4	0.7	0.4	0.2	1.2	571.47				Negligible Small				
6 Shashemine	380.6	1.3	0.6	1.2	0.8	24.7	0.5	0.3	1.5	711.9								
7J Jimma	179.6	0.6	0.3	0.6	0.3	0.4	11.7	0.1	0.7	356.84								
7N Nekempte	114.0	0.4	0.2	0.4	0.2	0.3	0.1	7.4	0.4	177.5								
8 Bahir Dar	591.0	2.0	1.0	2.0	1.2	1.5	0.7	0.5	38.3	895.02								

m Erl 68.5 55 46 37
 90% calls access to IP engine/home pages located in Addis Ababa
 AA area 70%calls terminated within the area(total 97%)
 Other PC area 60%calls terminated within the area(total 6%)

	2015										2020							
	1 AA	2 Naz	3 Des	4 Mek	5 Dir D	6 Sha	7 Jim	7 Nek	8 Bah D		1 AA	2 Naz	3 Des	4 Mek	5 Dir D	6 Sha	7 Jim	7 Nek
1 Addis Ababa	6019.7	27.2	15.7	32.0	23.0	28.3	14.3	7.1	38.6	6849.6	32.0	18.4	36.9	25.4	30.5	15.6	7.8	45.3
2 Nazareth	855.7									1103.1								
3 Dessie	492.0									633.4								
4 Mekele	1006.0									1270.3								
5 Dire Dawa	724.2				Negligible small					876.2			Negligible small					
6 Shashemine	889.7									1049.8								
7J Jimma	450.4									536.7								
7N Nekempte	224.0									267.0								
8 Bahir Dar	1214.6									1563.7								