S.Table 13-3 (1/3) Equipment and Material for PCO (Phase 1)

			Base	Repeater	PCO/Su	Termina	Total	Unit Price	Total Price
Item	Description	Unit	Station.	Station	b.		Quantity		(k¥), FOB
A	Base Station						•	(== 17)	(== 1), == ==
	Omni-directional antenna 10 dBi gain with		70				70	1.00	12.264
1	Mounting hardware	set	73				73	168	12,264
2	2.4 GHz band, 60 access CH, Base station								
2	equipment, Rack mounted, -48 V DC								
2.1	CONT	pcs.	73				73	5,850	427,050
2.2	WLL control unit	lot	73				73	1,300	94,900
2.3	Radio section without Protection	lot	73				73	2,560	186,880
2.4	Installation Materials	lot	73				73	49	3,577
2.5	Instruction Manuals	vol	73				73	38	2,774
2.6	Network Management System								•
261	Desk-top Computer (15"color display, 166		72				72	2.520	102.060
2.6.1	MHz Pentium, 2.1 G HD)	set	73				73	2,520	183,960
3	Coaxial Feeder & Connector								
3.1	Coaxial Feeder (70m/stn.)	m	73				5,110	5	25,550
3.2	Coaxial Connector, NP&NJ	lot	73				73	10	730
3.3	Coaxial Earth Kit	lot	73				73	7	511
3.4	Coaxial Arrester	pcs.	73				73	6	438
3.5	Jumper Cable for Antenna side	pcs.	73				73	7	511
	Sub. Total	1							939,145
В	Repeater/Subscriber Station								,
	2.4 GHz band, 60 access CH, Subscriber								
1	station equipment, Outdoor Type								
1.1	Subscriber station equipment, 1W output	set			700		700	1,116	781,200
1.2	1.8m Grid parabolic antenna	pcs.			700		700	280	196,000
1.3	Coaxial Feeder (30m/stn.)	m			700		21000	2	42,000
1.4	Coaxial Connector, NP&NJ	pcs.			700		700	7	4,900
1.5	Coaxial Earth Kit	pcs.			700		700	7	4,900
1.6	Coaxial Arrester	pcs.			700		700		4,200
1.7	Installation Materials	lot			700		700		8,400
1.8	Jumper Cable for Antenna side	pcs.			700		700		4,900
2	Interface Module	1							,
2.1	∠ wire interface card (5 intes/card), (∠	pcs.			700		1400	138	193,200
2.2	Signal cable (10 pcs./stn.)	pcs.			700		7000	2	14,000
2.3	High speed data interface card	pcs.			700		700	200	140,000
2.4	Signal cable for above	pcs.			700		700		2,100
2.7	Sub Total	pes.			700		700	3	1,395,800
	2.4 GHz band, 60 access CH, Repeater								1,575,000
3	station equipment, Outdoor Type								
3.1	Repeater station equipment, 1W output	set		73			73	2,232	162,936
3.2	Omni-directional antenna	set		73			73		12,264
3.3	1.8m Grid parabolic antenna	pcs.		73			73		20,440
3.4	Coaxial Feeder (30m/stn.)	m		73			2190		4,380
3.5	Coaxial Connector, NP&NJ	pcs.		73			73		511
3.6	Coaxial Earth Kit	pcs.		73			73	7	511
3.7	Coaxial Arrester	pcs.		73			73		438
3.8	Installation Materials	lot		73			73		436 876
3.9	Jumper Cable for Antenna side	pcs.		73			73		511
3.7	Sub Total	pes.		13			13	, , , , , , , , , , , , , , , , , , ,	202,867
4	Installation Materials for DRCS (5%)	lot					1	126,891	126,891
-		101					1	120,091	2,664,703
	Sub. Total (A+B)								4,004,703

			Base	Danastar	PCO/Su	Termina	Total	Unit Drice	Total Price
Item	Description	Unit	Station.	Station	b.	1 Station		(k¥),	(k ¥), FOB
С	Wireless LAN		Station.	Station	υ.	1 Station	Qualitity	(K +),	(K +), FOD
1	2.4 GHz band, Base Station equipment	set			700		700	360	252,000
2	2.4 GHz band, Subscriber Station	set				5,600	5,600		403,200
	Sub Total (1+2)					- ,	- ,		655,200
3	Installation Materials (5% of 1+2)	lot					1	32,760	32,760
	Sub Total (1+2+3)							,	687,960
D	NETWORK								,
1	LAN VoIP Network								
1.1	Application Server	set	8				8	9,000	72,000
1.2	Router serial upto 768 kbit/s	set	700				700	450	315,000
1.3	Switching HUB, 8 Port	set	700				700	36	25,200
1.4	VoIP TA	set				5,600	5,600	45	252,000
	Sub Total (1.1 to 1.4)								664,200
2	Installation Materials (5% of 1.1 to 1.4)	lot					1	33,210	33,210
E	Total (A to D)								4,050,073
\mathbf{F}	Power Supply								
1	Rectifier & Battery Floating System								
1.1	for Base Station	set	73				73	2,600	189,800
1.2	for Repeater Station	set		73			73		58,400
1.3	for Subscriber Station (UPS)	set			700		700	400	280,000
	Sub Total (1.1 to 1.3)								528,200
1.4	Installation Materials	lot					1	26,410	26,410
_	Sub Total (1.1 to 1.4)								554,610
2	Wireless LAN				=00		=00		- 00
2.1	for Base Station	set			700	7 600		Included in	700
2.2	for Subscriber Station (UPS)	set				5,600	5,600	200	1,120,000
2.2	Sub Total (2.1 + 2.2)	1 .						56.025	1,120,700
2.3	Installation Materials	lot					1	56,035	56,035
G	Sub Total Installation S/V								1,176,735
1	for Equipment	lot					1	40,501	40,501
2	for Power Supply	lot					1	11,767	11,767
2	Sub Total	101					1	11,707	52,268
Н	Grand Total for Freign Portion (E to G)								5,833,686
		TT 1.	Base	Repeater	PCO/Su	Termina	Total	Unit Price	Total Price
Item	Description	Unit	Station.	Station	b.	1 Station	Quantity	(k Birr)	(k Birr)
I	Tower								
1	Tower								
1.1	22m for Subscriber (PCO) Station	set			700		700	102	71,400
1.2	32m for Base & Rep.Station	set	73	73			146	217	31,682
1.3	Tower Foundation for Sub. Station	set			700		700		7,140
1.4	Tower Foundation for Base&Station	set	73	73			146		3,168
1.5	Installation Materials	lot	73	73			146	11	1,606
	Sub Total								114,996
. т									
J	Commercial Power Supply								
J	Connection Charge	lot		73	700	5,600	6,373	1	6,373
1	Connection Charge Sub Total	lot		73	700	5,600	6,373	1	6,373 6,373
1 K	Connection Charge Sub Total Installation Fee			73	700	5,600			6,373
1 K 1	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E)	lot		73	700	5,600	6,373	27,864	
1 K 1 2	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower	lot		73		5,600	1	27,864	6,373 27,864
1 K 1 2 2.1	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station)	lot lot	70		700	5,600	700	27,864 10	6,373 27,864 7,140
1 K 1 2 2.1 2.2	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station)	lot	73	73		5,600	1	27,864	6,373 27,864
1 K 1 2 2.1	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation	lot lot	73			5,600	700	27,864 10	6,373 27,864 7,140
1 K 1 2 2.1 2.2	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation (5% of Foundation for	lot lot	73			5,600	700	27,864 10 22	6,373 27,864 7,140
1 K 1 2 2.1 2.2 3 3.1	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation (5% of Foundation for Sub. Station)	lot lot lot		73	700	5,600	1 700 146 700	27,864 10 22 5	6,373 27,864 7,140 3,168 3,570
1 K 1 2 2.1 2.2 3	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Sub. Station)	lot lot lot	73		700	5,600	700 146	27,864 10 22 5	6,373 27,864 7,140 3,168
1 K 1 2 2.1 2.2 3 3.1	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Base& Repeater Station)	lot lot lot		73	700	5,600	1 700 146 700	27,864 10 22 5	6,373 27,864 7,140 3,168 3,570 1,584
1 K 1 2 2.1 2.2 3 3.1 3.2	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Sub. Station)	lot lot lot		73	700	5,600	700 146 700 146	27,864 10 22 5	6,373 27,864 7,140 3,168 3,570 1,584 3,634
1 K 1 2 2.1 2.2 3 3.1 3.2 4	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Base& Repeater Station) Power Supply (10% of Power Supply) Sub Total	lot lot lot		73	700	5,600	1 700 146 700 146 1	27,864 10 22 5 11 3,634 50	6,373 27,864 7,140 3,168 3,570 1,584 3,634 46,961
1 K 1 2 2.1 2.2 3 3.1 3.2 4 5	Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Base& Repeater Station) Power Supply (10% of Power Supply)	lot lot lot lot lot		73	700	5,600	700 146 700 146	27,864 10 22 5 11 3,634 50	6,373 27,864 7,140 3,168 3,570 1,584 3,634

S.Table 13-3 (2/3) Equipment and Material for PCO (Phase 2)

Ţ.	5	TT 1.	Base	Repeater	PCO/Sub	Terminal	Total	Unit Price	Total Price
Item	Description	Unit	Station.	Station	. Station			(k¥), FOB	(k¥), FOB
A	Base Station								
1	Omni-directional antenna 10 dBi gain	set	165				165	168	27,720
1	with Mounting hardware	SCI	103				105	100	21,720
	2.4 GHz band, 60 access CH, Base								
2	station equipment, Rack mounted, -48								
2.1	V DC operation CONT	200	165				165	5,850	965,250
2.1	WLL control unit	pcs. lot	165				165	1,300	214,500
2.2	Radio section without Protection	lot	165				165		422,400
2.3	Installation Materials	lot	165				165	2,300	8,085
2.5	Instruction Manuals	vol	165				165	38	6,270
2.6	Network Management System	VOI	103				103	30	0,270
	Desk-top Computer (15"color display,								
2.6.1	166 MHz Pentium, 2.1 G HD)	set	165				165	2,520	415,800
3	Coaxial Feeder & Connector								
3.1	Coaxial Feeder (70m/stn.)	m	165				11,550	5	57,750
3.2	Coaxial Connector, NP&NJ	lot	165				165	10	1,650
3.3	Coaxial Earth Kit	lot	165				165	7	1,155
3.4	Coaxial Arrester	pcs.	165				165	6	990
3.5	Jumper Cable for Antenna side	pcs.	165				165	7	1,155
	Sub. Total								2,122,725
В	Repeater/Subscriber Station								
1	2.4 GHz band, 60 access CH,								
	Subscriber station equipment, Outdoor								
1.1	Subscriber station equipment, 1W	set			165		165	1,116	184,140
1.2	1.8m Grid parabolic antenna	pcs.			165		165	280	46,200
1.3	Coaxial Feeder (30m/stn.)	m			165		4950		9,900
1.4	Coaxial Connector NP&NJ	pcs.			165		165		1,155
1.5	Coaxial Earth Kit	pcs.			165		165	7	1,155
1.6	Coaxial Arrester	pcs.			165 165		165		990
1.7	Installation Materials	lot					165	12 7	1,980
1.8	Jumper Cable for Antenna side Interface Module	pcs.			165		165	/	1,155
2	2 Wire interface card (5lines/card),								
2.1	(4pcs./stn.)	pcs.			165		660	138	91,080
2.2	Signal cable (10 pcs./stn.)	pcs.			165		1650	2	3,300
2.3	High speed data interface card	pcs.			165		165	200	33,000
2.4	Signal cable for above	pcs.			165		165	3	495
]	Sub Total				100		100		374,550
_	2.4 GHz band, 60 access CH, Repeater								
3	station equipment, Outdoor Type								
3.1	Repeater station equipment, 1W output	set		165			165	2,232	368,280
3.2	Omni-directional antenna	set		165			165		27,720
3.3	1.8m Grid parabolic antenna	pcs.		165			165		46,200
3.4	Coaxial Feeder (30m/stn.)	m		165			4950	2	9,900
3.5	Coaxial Connector, NP&NJ	pcs.		165			165	7	1,155
3.6	Coaxial Earth Kit	pcs.		165			165		1,155
3.7	Coaxial Arrester	pcs.		165			165		990
3.8	Installation Materials	lot		165			165		1,980
3.9	Jumper Cable for Antenna side	pcs.		165			165	7	1,155
	Sub Total								458,535
4	Installation Materials for DRCS (5%)	lot					1	147,791	147,791
	Sub. Total (A+B)								3,103,601

_			l n	D 4	DCO/C 1	T : 1	TC 4.1	11 ', D '	T. (1 D '
Item	Description	Unit	Base Station.	Station Station	PCO/Sub . Station	Station		Unit Price (k ¥), FOB	Total Price
С	Wireless LAN		Station.	Station	. Station	Station	Quantity	(K+), TOD	(K +), TOD
	2.4 GHz band, Base Station equipment	set			1,525		1,525	360	549,000
2	2.4 GHz band, Subscriber Station	set			,	12,200		72	878,400
2	equipment					12,200	12,200	12	
	Sub Total (1+2)						_		1,427,400
3	Installation Materials (5% of 1+2)	lot					1	71,370	71,370
	Sub Total (1+2+3) NETWORK								1,498,770
	LAN VoIP Network								
	Application Server	set					0	9,000	0
	Router serial upto 768 kbit/s	set	1,525				1525	450	686,250
	Switching HUB, 8 Port	set	1,525				1525	36	54,900
1.4	VoIP TA	set				12,200	12,200	45	549,000
	Sub Total (1.1 to 1.4)								1,290,150
2	Installation Materials (5% of 1.1 to 1	lot					1	64,508	64,508
E	Total (A to D)								5,957,028
	Power Supply Rectifier & Battery Floating System								
	for Base Station	set	165				165	2,600	429,000
	for Repeater Station	set	103	165			165	800	132,000
	for Subscriber Station (UPS)	set		103	1,525		1,525	400	610,000
	Sub Total (1.1 to 1.3)				-,		-,		1,171,000
1.4	Installation Materials	lot					1	58,550	58,550
	Sub Total (1.1 to 1.3)								1,229,550
2	Wireless LAN								
	for Base Station	set			1,525		,	Included in 1.	1,525
2.2	for Subscriber Station (UPS)	set				12,200	12,200	200	2,440,000
2.3	Sub Total (2.1 + 2.2) Installation Materials	lot					1	122.076	2,441,525 122,076
2.3	Sub Total	101					1	122,076	2,563,601
G	Installation S/V								2,303,001
	for Equipment	lot					1	59,570	59,570
2	for Power Supply	lot					1	25,636	25,636
	Sub Total								85,206
H	Grand Total for Freign Portion (E to	G)	D	D	PCO/Sub	T	T-4-1	I I:4 D:	9,835,386 Total Price
Item	Description	Unit	Base Station.	Station	. Station		Total Ouantity	Unit Price (k Birr)	(k Birr)
I	Tower		Station.	Station	. Station	Station	Qualitity	(K DIII)	(K DIII)
1	Tower								
	22m for Subscriber (PCO) Station	set			1,525		1,525	102	155,550
	32m for Base & Rep.Station	set	165	165			330		71,610
1.3	Tower Foundation for Sub. Station	set		_	1,525		1,525	10	15,555
1.4	Tower Foundation for Base & Station	set	165	165			330	22	7,161
1.5	Installation Materials	lot	165	165			330	11	3,630
J	Sub Total Commercial Power Supply								253,506
J	Connection Charge	lot		165	1,525	12,200	13,890	1	13,890
^	Sub Total	101		103	1,525	12,200	13,370	1	13,890
K	Installation Fee								- ,
1	Equipment & Materials (10 % of E)	lot					1	40,984	40,984
2	Tower								
2.1	22m (10 % for Subscriber Station)	lot			1,525		1,525	10	15,555
	32m (10 % for Base & Rep.Station)	lot	165	165			330	22	7,161
3	Tower Foundation Tower Foundation (5% of Foundation								
3.1	for Sub. Station)	lot			1,525		1,525	5	7,778
	Tower Foundation (5% of Foundation						22-		
3.2	for Base& Repeater Station)	lot	165	165			330	11	3,581
4	Power Supply (10% of Power Supply)	lot					1	8,056	
5	Sub Total								83,115
L	Shelter for Rep. Station Total for Local Portion (I to L)	set		165			165	50	8,250
\mathbf{M}		i	i l				l		358,761

S.Table 13-3 (3/3) Equipment and Material for PCO (Phase 3)

_			Base	Repeater	PCO/Su	Termina	Total	Unit Price	Total Price
Item	Description	Unit	Station.	Station	b.	1	Quantit		(k¥), FOB
A	Base Station								
1	Omni-directional antenna 10 dBi gain with	cot	355				355	168	59,640
1	Mounting hardware	set	333				333	100	39,040
2	2.4 GHz band, 60 access CH, Base station								
	equipment, Rack mounted, -48 V DC								
2.1	CONT	pcs.	355				355		
2.2	WLL control unit	lot	355				355	1,300	461,500
2.3	Radio section without Protection	lot	355				355	2,560	908,800
2.4	Installation Materials	lot	355				355	49	17,395
2.5	Instruction Manuals	vol	355				355	38	13,490
2.6	Network Management System								
2.6.1	Desk-top Computer (15"color display, 166	set	355				355	2,520	894,600
	MHz Pentium, 2.1 G HD)	500	333				333	2,520	051,000
3	Coaxial Feeder & Connector								
3.1	Coaxial Feeder (70m/stn.)	m	355				24,850	5	124,250
3.2	Coaxial Connector NP&NJ	lot	355				355	10	3,550
3.3	Coaxial Earth Kit	lot	355				355	7	2,485
3.4	Coaxial Arrester	pcs.	355				355	6	2,130
3.5	Jumper Cable for Antenna side	pcs.	355				355	7	2,485
	Sub. Total								4,567,075
В	Repeater/Subscriber Station								
1	2.4 GHz band, 60 access CH, Subscriber								
	station equipment, Outdoor Type								
1.1	Subscriber station equipment, 0/15 lines	set			355		355	1,116	396,180
1.2	wired, 1W output	naa			355		355	280	99,400
	1.8m Grid parabolic antenna	pcs.			355				
1.3	Coaxial Feeder (30m/stn.)	m					10650	2	21,300
1.4	Coaxial Connector, NP&NJ	pcs.			355		355	7	2,485 2,485
1.5	Coaxial Earth Kit	pcs.			355		355 355	7	
1.6	Coaxial Arrester	pcs.			355			6	2,130
1.7	Installation Materials	lot			355		355	12 7	4,260
1.8	Jumper Cable for Antenna side	pcs.			355		355	/	2,485
2	Interface Module				255		1.420	120	195,960
2.1	2 Wire interface card (5 lines/card), (4	pcs.			355		1420	138	,
2.2	Signal cable, (10 pcs./stn.)	pcs.			355		3550	200	7,100
2.3 2.4	High speed data interface card	pcs.			355 355		355 355	200	71,000 1,065
2.4	Signal cable for above Sub Total	pcs.			333		333	3	-
	2.4 GHz band, 60 access CH, Repeater								805,850
3	station equipment, Outdoor Type								
	Repeater station equipment, 0/15 lines								
3.1	wired, 1W output	set		365			365	2,232	814,680
3.2	Omni-directional antenna	set		365			365	168	61,320
3.3	1.8m Grid parabolic antenna	pcs.		365			365	280	102,200
3.4	Coaxial Feeder, (30m/stn.)	m		365			10950	200	21,900
3.5	Coaxial Connector, NP&NJ	pcs.		365			365	7	2,555
3.6	Coaxial Earth Kit	pcs.		365			365	7	2,555
3.7	Coaxial Arrester	pcs.		365			365	6	2,190
3.8	Installation Materials	lot		365			365	12	4,380
	Jumper Cable for Antenna side	pcs.		365			365	7	2,555
3.7	Sub Total	•		303			303	·	1,014,335
4	Installation Materials for DRCS (5%)	lot					1	319,363	319,363
	Sub. Total (A+B)						1	317,303	6,706,623
	Sub. Total (A+D)							l	0,700,023

Item	Danamintian	T T :4	Base	Repeater	PCO/Su	Termina	Total	Unit Price	Total Price
	Description	Unit	Station.	Station	b.	1	Quantit	(k¥),	(k¥), FOB
C	Wireless LAN								
1	2.4 GHz band, Base Station equipment	set			2,891		2,891		1,040,760
2	2.4 GHz band, Subscriber Station	set				23,128	23,128	72	1,665,216
	Sub Total (1+2)								2,705,976
3	Installation Materials (5% of 1+2)	lot					1	135,299	135,299
	Sub Total (1+2+3)								2,841,275
D	NETWORK								
1	LAN VoIP Network	,					0	0.000	0
1.1	Application Server	set	2 001				2001	. ,	
1.2	Router serial upto 768 kbit/s	set	2,891				2891 2891		1,300,950 104,076
1.3 1.4	Switching HUB, 8 Port VoIP TA	set	2,891			22 120		36 45	-
1.4	Sub Total (1.1 to 1.4)	set				23,128	23,126	43	2,445,786
2	Installation Materials (5% of 1.1 to 1.4)	lot					1	122,289	
E	Total (A to D)	101					1	122,207	12,115,973
F	Power Supply								12,113,773
1	Rectifier & Battery Floating System								
1.1	for Base Station	set	355				355	2,600	923,000
1.2	for Repeater Station	set		365			365		· · · · · ·
1.3	for Subscriber Station (UPS)	set		, , , ,	2,891		2,891		1,156,400
	Sub Total (1.1 to 1.3)				,		,		2,371,400
1.4	Installation Materials	lot					1	118,570	
	Sub Total (1.1 to 1.4)							,	2,489,970
2	Wireless LAN								
2.1	for Base Station	set			2,891		2,891	Included in	2,891
2.2	for Subscriber Station (UPS)	set				23,128	23,128	200	4,625,600
	Sub Total $(2.1 + 2.2)$								4,628,491
2.3	Installation Materials	lot					1	231,425	
	Sub Total								4,859,916
	Installation S/V							l i	•
G								121 160	10116
1	for Equipment	lot					1	121,160	
	for Equipment for Power Supply	lot lot					1 1	121,160 48,599	48,599
1 2	for Equipment for Power Supply Sub Total						1		48,599 169,759
1 2 H	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G)	lot	Base	Repeater	PCO/Su	Termina	1 1 Total	48,599	48,599 169,759 19,635,618
1 2	for Equipment for Power Supply Sub Total		Base Station.	Repeater Station	PCO/Su b.	Termina 1		48,599 Unit Price	48,599 169,759 19,635,618 Total Price
1 2 H	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G)	lot	Base Station.			Termina 1	1 1 Total Quantit	48,599 Unit Price	48,599 169,759
1 2 H Item	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower	lot			b.	Termina 1	Quantit	48,599 Unit Price (k Birr)	48,599 169,759 19,635,618 Total Price (k Birr)
1 2 H Item I 1 1.1	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower Tower 22m for Subscriber (PCO) Station	lot	Station.	Station	b. 2,891	Termina 1	Quantit 2,891	48,599 Unit Price (k Birr)	48,599 169,759 19,635,618 Total Price (k Birr)
1 2 H Item I 1 1.1 1.2	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station	Unit Set set			b. 2,891	Termina 1	Quantit 2,891 720	48,599 Unit Price (k Birr) 102 217	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240
1 2 H Item 1 1.1 1.2 1.3	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station	Unit set set set	Station.	Station 365	2,891 2,891	Termina 1	2,891 720 2,891	48,599 Unit Price (k Birr) 102 217 10	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488
1 2 H Item I 1.1 1.2 1.3 1.4	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station	Unit set set set set set	355 355	Station 365 365	2,891 2,891	Termina 1	2,891 720 2,891 720	48,599 Unit Price (k Birr) 102 217 10 22	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624
1 2 H Item 1 1.1 1.2 1.3	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials	Unit set set set	Station.	Station 365	2,891 2,891	Termina 1	2,891 720 2,891	48,599 Unit Price (k Birr) 102 217 10 22	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920
1 2 H Item 1 1.1 1.2 1.3 1.4 1.5	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total	Unit set set set set set	355 355	Station 365 365	2,891 2,891	Termina 1	2,891 720 2,891 720	48,599 Unit Price (k Birr) 102 217 10 22	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624
1 2 H Item I 1 1.1 1.2 1.3 1.4 1.5	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply	Unit set set set set lot	355 355	365 365 365	b. 2,891 2,891	1	2,891 720 2,891 720 720	48,599 Unit Price (k Birr) 102 217 10 22 11	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154
1 2 H Item 1 1.1 1.2 1.3 1.4 1.5	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge	Unit set set set set set	355 355	Station 365 365	b. 2,891 2,891	Termina 1 23,128	2,891 720 2,891 720	48,599 Unit Price (k Birr) 102 217 10 22 11	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154
1 2 H Item I 1 1.1 1.2 1.3 1.4 1.5	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total	Unit set set set set lot	355 355	365 365 365	b. 2,891 2,891	1	2,891 720 2,891 720 720	48,599 Unit Price (k Birr) 102 217 10 22 11	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154
1 2 H Item I 1 1.1 1.2 1.3 1.4 1.5 J 1	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee	Unit set set set lot	355 355	365 365 365	b. 2,891 2,891	1	2,891 720 2,891 720 720	48,599 Unit Price (k Birr) 102 217 10 22 11	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384
1 2 H Item I 1 1.1 1.2 1.3 1.4 1.5 J 1	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E)	Unit set set set set lot	355 355	365 365 365	b. 2,891 2,891	1	2,891 720 2,891 720 720 26,384	48,599 Unit Price (k Birr) 102 217 10 22 11	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384
1 2 H Item I 1 1.1 1.2 1.3 1.4 1.5 J 1 K I 2	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower	Unit set set set lot lot	355 355	365 365 365	2,891 2,891 2,891	1	2,891 720 2,891 720 720 26,384	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 83,358
I tem I 1 1.1 1.2 1.3 1.4 1.5 I K 1 2 2.1	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station)	Unit set set set lot	355 355 355	365 365 365 365	b. 2,891 2,891	1	2,891 720 2,891 720 720 26,384	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 83,358
1 2 H Item I 1 1.1 1.2 1.3 1.4 1.5 J 1 K I 2	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station)	Unit set set set lot lot lot	355 355	365 365 365	2,891 2,891 2,891	1	2,891 720 2,891 720 720 26,384	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 83,358
I tem I 1 1.1 1.2 1.3 1.4 1.5 I K 1 2 2.1 2.2 3	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation	Unit set set set lot lot lot	355 355 355	365 365 365 365	2,891 2,891 2,891	1	2,891 720 2,891 720 720 26,384 1 2,891 720	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358 10 22	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 83,358 29,488 15,624
Item Item 1.1 1.2 1.3 1.4 1.5 I K 1 2 2.1 2.2	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation (5% of Foundation for Sub. Station)	Unit set set set lot lot lot	355 355 355	365 365 365 365	2,891 2,891 2,891	1	2,891 720 2,891 720 720 26,384	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 83,358 29,488 15,624
1 2 H Item 1 1.1 1.2 1.3 1.4 1.5 J 1 K 1 2 2.1 2.2 3 3.1	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Sub. Station)	Unit Set set set lot lot lot lot lot	355 355 355 355	365 365 365 365 365	2,891 2,891 2,891 2,891	1	2,891 720 2,891 720 720 26,384 1 2,891 720 2,891	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358 10 22 5	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 83,358 29,488 15,624
Item Item I 1 1.1 1.2 1.3 1.4 1.5 I 1 2 2.1 2.2 3 3.1 3.2	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Base& Repeater Station)	Unit Set set set lot lot lot lot lot lot	355 355 355	365 365 365 365	2,891 2,891 2,891 2,891	1	2,891 720 2,891 720 720 26,384 1 2,891 720	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358 10 22 5 11	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 83,358 29,488 15,624 14,744 7,812
I tem I 1 1.1 1.2 1.3 1.4 1.5 I 1 2 2.1 2.2 3 3.1 3.2 4	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Base& Repeater Station) Power Supply (10% of Power Supply)	Unit Set set set lot lot lot lot lot	355 355 355 355	365 365 365 365 365	2,891 2,891 2,891 2,891	1	2,891 720 2,891 720 720 26,384 1 2,891 720 2,891	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358 10 22 5	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 29,488 15,624 14,744 7,812 16,315
I tem I 1 1.1 1.2 1.3 1.4 1.5 I 1 2 2.1 2.2 3 3.1 3.2 4 5	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Base& Repeater Station) Power Supply (10% of Power Supply) Sub Total	Unit Set set set lot lot lot lot lot lot lot lot	355 355 355 355	365 365 365 365 365	2,891 2,891 2,891 2,891	1	2,891 720 2,891 720 26,384 1 2,891 720 2,891 720 1	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358 10 22 5 11 16,315	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 426,384 15,624 14,744 7,812 16,315 167,341
I tem I 1 1.1 1.2 1.3 1.4 1.5 I 1 2 2.1 2.2 3 3.1 3.2 4	for Equipment for Power Supply Sub Total Grand Total for Freign Portion (E to G) Description Tower Tower 22m for Subscriber (PCO) Station 32m for Base & Rep.Station Tower Foundation for Sub. Station Tower Foundation for Base&Station Installation Materials Sub Total Commercial Power Supply Connection Charge Sub Total Installation Fee Equipment & Materials (10 % of E) Tower 22m (10 % for Subscriber Station) 32m (10 % for Base & Rep.Station) Tower Foundation Tower Foundation Tower Foundation (5% of Foundation for Sub. Station) Tower Foundation (5% of Foundation for Base& Repeater Station) Power Supply (10% of Power Supply)	Unit Set set set lot lot lot lot lot lot	355 355 355 355	365 365 365 365 365	2,891 2,891 2,891 2,891	1	2,891 720 2,891 720 720 26,384 1 2,891 720 2,891 720	48,599 Unit Price (k Birr) 102 217 10 22 11 1 83,358 10 22 5 11 16,315	48,599 169,759 19,635,618 Total Price (k Birr) 294,882 156,240 29,488 15,624 7,920 504,154 26,384 26,384 83,358