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ANNEX

FINANCIAL DATA ON PRIORITY PROJECTS

A-1. Ten-Town Project

(1) Project Outline

This project aims expansion of telephone network at nine medium-seized towns such as Mbale, Soroti, Masindi and Luwero. Digital switch will be installed and connected by micro wave radio link. Local cable network improvement will be also done.

(2) Total Investment Cost

Table A-1-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	6,510	15 years straight
Others	13,942	10 years straight
Engineering Service	1,544	5 years straight
Preparatory Work	1,612	50/10 years straight
Initial Working Capital	-20.4	Non depreciation
Total Investment Cost	22,587.6	---

(3) Operating Cost

Table A-1-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	1,258	1,390	1,550
Other Costs	659	1,166	1,480
Total	1,917	2,556	3,030

(4) Expected Revenue

Table A-1-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	1,746	3,330	4,514
Installation	48	24	18
Total	1,794	3,354	4,532

TABLE A-1-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 1 TEN TOWN PROJECT : GRANT CASE

UNIT : 1,000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	23,589	CORPORATION TAX	5,249
PROJECT FUNDING		PROJECT TOTAL (AVERAGE ANNUAL)	309
EQUITY(OWN CAPITAL)	1,755	NET PROFIT	
FOREIGN GRANT	21,997	PROJECT TOTAL (AVERAGE ANNUAL)	11,724
CASH FROM OPERATION	-164		690
TOTAL	23,589	CASH FLOW DURING OPERATION	
SALES REVENUE		PROJECT TOTAL (AVERAGE ANNUAL)	10,173
PROJECT TOTAL (AVERAGE ANNUAL)	60,814		598
OPERATING COSTS, INTEREST & DEPRECIATION	3,577	EXPECTED PROJECT RETURN IRROE	21.03%
PROJECT TOTAL (AVERAGE ANNUAL)	43,840	PAYOUT PERIOD FROM INITIAL EQUITY	5.86
	2,579		

TABLE A-1-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 1 TEN TOWN PROJECT : GRANT CASE

PROJECT YEAR	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER																	
TOTAL SUBSCRIBER	1,000	1,700	3,000	3,800	4,500	5,000	5,400	5,700	6,000	6,300	6,600	6,900	7,200	7,500	7,800	7,800	7,800
INCREASE	200	300	800	800	700	500	400	300	300	300	300	300	300	300	300	0	0
TRANSFER	800	400	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE																	
REVENUE PER SUB	990	980	970	960	950	940	940	940	940	940	940	940	940	940	940	940	940
COLLECTING RATIO	73.0%	74.0%	75.0%	77.0%	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%
ALLOTMENT CHARGE RATIO	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
CALL/RENTAL/OTHER CHARGE	578	986	1,746	2,247	2,736	3,046	3,330	3,558	3,790	4,027	4,268	4,514	4,765	5,020	5,279	5,279	5,279
INSTALLATION CHARGE	12	18	48	48	42	30	24	18	18	18	18	18	18	18	18	0	0
TOTAL REVENUE (x 1,000 USD)	590	1,004	1,794	2,295	2,778	3,076	3,354	3,576	3,808	4,045	4,286	4,532	4,783	5,038	5,297	5,279	5,279
OPERATING COST (x 1,000 USD)																	
STAFF COST	199	386	1,258	1,266	1,303	1,399	1,430	1,468	1,468	1,497	1,524	1,550	1,576	1,602	1,629	1,629	1,629
OTHER COST	109	381	659	832	982	1,082	1,166	1,229	1,292	1,354	1,417	1,480	1,544	1,608	1,672	1,671	1,671
MAJOR FINANCIAL INDEX																	
NET PROFIT ON EQUITY	12.2%	-23.6%	-9.3%	5.8%	19.5%	29.5%	34.0%	39.2%	45.0%	51.4%	58.1%	65.0%	72.0%	79.3%	86.7%	86.0%	86.0%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	53.1%	137.5%	108.2%	92.5%	83.1%	78.2%	77.0%	75.1%	73.1%	71.1%	69.2%	67.4%	65.8%	64.2%	62.8%	63.0%	63.0%
CASH BREAK EVEN POINT	33.5%	139.5%	109.2%	93.1%	83.1%	85.8%	81.1%	74.7%	72.8%	70.8%	69.0%	67.2%	65.6%	64.1%	62.1%	62.3%	62.3%

A-2. Central & Western Rural Telecom. (DMARS) Project

(1) Project Outline

DMARS will be installed at Mityana/Mubende area and Fort Portal/Bundibugyo area for rural telecommunications development. Base stations will be at Mityana and Fort Portal.

(2) Total Investment Cost

Table A-2-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	0	15 years straight
Others	4,807	10 years straight
Engineering Service	354	5 years straight
Preparatory Work	253	50/10 years straight
Initial Working Capital	1.50	Non depreciation
Total Investment Cost	5,415.5	---

(3) Operating Cost

Table A-2-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	11	11	12
Other Costs	15	13	11
Total	26	24	23

(4) Expected Revenue

Table A-2-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	29	30	32
Installation	6	0	0
Total	35	30	32

TABLE A-2-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 2 RURAL TELECOMMUNICATION PROJECT (GRANT CASE)

UNIT : 1,000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	5,416	CORPORATION TAX PROJECT TOTAL (AVERAGE ANNUAL)	0 0
PROJECT FUNDING		NET PROFIT PROJECT TOTAL (AVERAGE ANNUAL)	-67 -4
EQUITY(OWN CAPITAL)	253	CASH FLOW DURING OPERATION PROJECT TOTAL (AVERAGE ANNUAL)	-137 -8
FOREIGN GRANT	5,160	EXPECTED PROJECT RETURN IRROE	N. A.
CASH FROM OPERATION	3	PAYOUT PERIOD FROM INITIAL EQUITY	N. A.
TOTAL	5,416		
SALES REVENUE PROJECT TOTAL (AVERAGE ANNUAL)	491 29		
OPERATING COSTS, INTEREST & DEPRECIATION PROJECT TOTAL (AVERAGE ANNUAL)			

TABLE A-2-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 2 RURAL TELECOMMUNICATION PROJECT (GRANT CASE)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER															
TOTAL SUBSCRIBER	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
INCREASE	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE															
REVENUE PER SUB	970	960	950	940	940	940	940	940	940	940	940	940	940	940	940
COLLECTING RATIO	75.0%	76.0%	77.0%	78.0%	79.0%	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%
ALLOTMENT CHARGE RATIO	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
CALL/RENTAL/OTHER CHARGE	29	29	29	29	30	30	30	31	31	32	32	32	33	33	33
INSTALLATION CHARGE	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	35	29	29	29	30	30	30	31	31	32	32	32	33	33	33
OPERATING COST (x 1,000 USD)															
STAFF COST	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12
OTHER COST	15	15	14	13	13	12	12	11	11	11	11	11	11	11	11
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	-1.1%	-3.5%	-3.0%	-2.6%	-2.5%	-1.9%	-1.8%	-1.2%	-1.5%	-1.3%	-1.2%	-1.0%	-0.9%	-0.7%	-0.6%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	108.3%	130.2%	126.5%	122.7%	121.2%	116.4%	114.9%	110.3%	112.2%	110.8%	109.5%	108.2%	107.0%	105.8%	104.6%
CASH BREAK EVEN POINT	56.6%	72.1%	68.5%	64.5%	64.3%	59.6%	59.4%	54.3%	57.4%	56.7%	56.1%	55.4%	54.8%	54.2%	53.4%

A-3. Mpoma Earth Station Project

(1) Project Outline

Renewal of old analog Mpoma earth station with digital facilities for improvement of international telecommunications.

(2) Total Investment Cost

Table A-3-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	0	15 years straight
Others	2,590	10 years straight
Engineering Service	210	5 years straight
Preparatory Work	200	50/10 years straight
Initial Working Capital	272.4	Non depreciation
Total Investment Cost	3,272.4	---

(3) Operating Cost

Table A-3-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	-	-	-
Other Costs	-	-	-
Total	155	153	151

(4) Expected Revenue

Table A-3-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	1,789	3,138	4,857
Installation	0	0	0
Total	1,789	3,138	4,857

TABLE A-3-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 3 (MPOMA DIGITAL) : LOAN CASE

UNIT : 1000 USD

ITEM	LOAN CASE	ITEM	LOAN CASE
TOTAL INVESTMENT	3,272	CORPORATION TAX	14,437
PROJECT FUNDING		PROJECT TOTAL	962
EQUITY(OWN CAPITAL)	982	(AVERAGE ANNUAL)	
DEBT(LONG TERM LOAN)	2,291	NET PROFIT	
FOREIGN GRANT	0	PROJECT TOTAL	38,897
		(AVERAGE ANNUAL)	2,593
TOTAL		CASH FLOW DURING OPERATION	
SALES REVENUE	3,272	PROJECT TOTAL	38,562
PROJECT TOTAL	61,697	(AVERAGE ANNUAL)	2,571
(AVERAGE ANNUAL)		EXPECTED PROJECT RETURN	
OPERATING COSTS, INTEREST		IRROE	105.82%
& DEPRECIATION		PAYOUT PERIOD FROM	
PROJECT TOTAL	8,363	INITIAL EQUITY	0.78
(AVERAGE ANNUAL)	558		

TABLE A-3-5 BASE DATA AND MAJOR FINANCIAL INDEX
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 3 (MPOWA DIGITAL) : LOAN CASE

PROJECT YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER															
TOTAL SUBSCRIBER	40,300	45,800	53,600	61,000	68,700	77,000	86,000	95,500	105,000	114,800	125,200	136,200	147,800	160,000	160,000
INCREASE	4,300	5,500	7,800	7,400	7,700	8,300	9,000	9,500	9,500	9,800	10,400	11,000	11,600	12,200	0
TRANSFER	16,900	4,780	8,380	2,400	1,940	500	800	1,000	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE															
REVENUE PER SUBSCRIBER	1,000	1,000	980	960	940	920	900	880	850	820	790	760	730	700	700
COLLECTING RATIO	74.0%	75.0%	77.0%	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%
ALLOTMENT CHARGE RATIO	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
CALL/RENTAL/OTHER CHARGE	1,780	2,061	2,427	2,811	3,138	3,485	3,855	4,236	4,552	4,857	5,163	5,465	5,762	6,048	6,048
INSTALLATION CHARGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	1,780	2,061	2,427	2,811	3,138	3,485	3,855	4,236	4,552	4,857	5,163	5,465	5,762	6,048	6,048
OPERATING COST (x 1,000 USD)															
OPERATING COST	155	155	154	154	153	153	152	152	151	151	151	151	150	150	150
REINVESTMENT (x 1,000 USD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	81.86%	101.26%	127.38%	154.80%	178.19%	196.16%	223.82%	252.33%	276.21%	299.34%	341.53%	364.47%	386.90%	408.64%	409.96%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	629.07%	725.98%	835.01%	942.43%	1059.70%	1164.74%	1310.17%	1473.68%	1658.29%	1786.04%
PROFIT BREAK EVEN POINT	35.84%	31.09%	26.39%	22.77%	20.37%	21.07%	18.50%	16.45%	14.90%	13.57%	7.21%	6.48%	5.82%	5.24%	4.94%
CASH BREAK EVEN POINT	-0.45%	0.35%	0.40%	-0.00%	0.08%	15.33%	13.43%	11.52%	10.27%	9.24%	10.55%	9.61%	8.76%	7.25%	6.95%

A-4. Entebbe & Kampala Rehabilitation Project

(1) Project Outline

This project aims expansion of telecom. network at metropolitan area. Switching units of Kampala and Entebbe will be replaced. Corresponding local cable network had been expanded already.

(2) Total Investment Cost

Table A-4-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	0	15 years straight
Others	9,129	10 years straight
Engineering Service	696	5 years straight
Preparatory Work	780	50/10 years straight
Initial Working Capital	690.4	Non depreciation
Total Investment Cost	11,295.4	---

(3) Operating Cost

Table A-4-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	2,782	2,860	2,944
Other Costs	3,906	4,321	4,320
Total	6,688	7,181	7,264

(4) Expected Revenue

Table A-4-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	10,651	11,986	12,744
Installation	180	0	0
Total	10,831	11,986	12,744

TABLE A-4-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No 4 ENTEBBE & KAMPALA AREA : LOAN CASE

UNIT : 1,000 USD

ITEM	LOAN CASE	ITEM	LOAN CASE
TOTAL INVESTMENT	11,295	CORPORATION TAX	20,628
PROJECT FUNDING		PROJECT TOTAL (AVERAGE ANNUAL)	1,213
EQUITY(OWN CAPITAL)	914	NET PROFIT	
DEBT(LONG TERM LOAN)	7,907	PROJECT TOTAL	48,132
CASH FROM OPERATION	2,475	(AVERAGE ANNUAL)	2,831
TOTAL	11,295	CASH FLOW DURING OPERATION	
SALES REVENUE		PROJECT TOTAL	46,502
PROJECT TOTAL	194,898	(AVERAGE ANNUAL)	2,735
(AVERAGE ANNUAL)	11,465	EXPECTED PROJECT RETURN	
OPERATING COSTS, INTEREST		IRROE	86.61%
& DEPRECIATION		PAYOUT PERIOD FROM	
PROJECT TOTAL	126,138	INITIAL EQUITY	1.29
(AVERAGE ANNUAL)	7,420		

TABLE A-4-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No 4 ENTEBBE & KAMPALA AREA : LOAN CASE

	PROJECT YEAR														
	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER															
TOTAL SUBSCRIBER	19,200	24,400	26,900	26,900	26,900	26,900	26,900	26,900	26,900	26,900	26,900	26,900	26,900	26,900	26,900
INCREASE	3,000	2,000	500	0	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	16,200	2,200	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE															
REVENUE PER SUBSCRIBER	980	970	950	940	940	940	940	940	940	940	940	940	940	940	940
COLLECTING RATIO	74.0%	76.0%	77.0%	78.0%	79.0%	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%
ALLOTMENT CHARGE RATIO	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%
CALL/RENTAL/OTHER CHARGE	8,354	11,557	11,806	11,834	11,986	12,137	12,289	12,441	12,592	12,744	12,896	13,048	13,199	13,351	13,503
INSTALLATION CHARGE	180	120	30	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	8,534	11,677	11,836	11,834	11,986	12,137	12,289	12,441	12,592	12,744	12,896	13,048	13,199	13,351	13,503
OPERATING COST (x 1,000 USD)															
STAFF COST	2,248	2,814	2,827	2,770	2,860	2,889	2,914	2,927	2,935	2,944	2,952	2,960	2,968	2,968	2,968
OTHER COST	3,052	4,250	4,338	4,319	4,321	4,322	4,321	4,321	4,320	4,320	4,320	4,321	4,321	4,321	4,321
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	52.30%	73.32%	74.52%	76.04%	79.16%	70.58%	74.51%	78.69%	82.98%	99.69%	110.38%	114.63%	118.90%	123.34%	127.78%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	2.84	3.03	3.24	3.48	3.59	3.79	4.12	4.48	4.91	5.40
PROFIT BREAK EVEN POINT	70.33%	69.60%	69.52%	68.89%	68.03%	71.85%	70.65%	69.38%	68.10%	62.13%	58.57%	57.47%	56.39%	55.28%	54.19%
CASH BREAK EVEN POINT	60.35%	56.67%	56.79%	56.14%	56.61%	70.45%	69.28%	68.03%	66.77%	67.57%	67.38%	66.18%	65.01%	63.80%	62.43%

A-5. Northern Uganda Rehabilitation Project

(1) Project Outline

This is a over-all project including installation of new switch to Gulu, expansion of local cable network at Gulu and construction of micro wave radio link between Kampala and Gulu.

(2) Total Investment Cost

Table A-5-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	2,325	15 years straight
Others	8,572	10 years straight
Engineering Service	781	5 years straight
Preparatory Work	260	50/10 years straight
Initial Working Capital	-3.00	Non depreciation
Total Investment Cost	11,935.0	---

(3) Operating Cost

Table A-5-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	358	416	467
Other Costs	202	412	514
Total	560	828	981

(4) Expected Revenue

Table A-5-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	524	1,129	1,516
Installation	18	12	6
Total	542	1,141	1,522

TABLE A-5-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 5 NURP PROJECT : GRANT CASE

UNIT : 1,000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	11,935	CORPORATION TAX PROJECT TOTAL (AVERAGE ANNUAL)	1,911 112
PROJECT FUNDING EQUITY(OWN CAPITAL)	315	NET PROFIT PROJECT TOTAL (AVERAGE ANNUAL)	4,377 257
FOREIGN GRANT	11,678		
CASH FROM OPERATION	-58		
TOTAL	11,935	CASH FLOW DURING OPERATION PROJECT TOTAL (AVERAGE ANNUAL)	4,056 239
SALES REVENUE PROJECT TOTAL (AVERAGE ANNUAL)	20,150 1,185	EXPECTED PROJECT RETURN IRROE	32.33%
OPERATING COSTS, INTEREST & DEPRECIATION PROJECT TOTAL (AVERAGE ANNUAL)	13,862 815	PAYOUT PERIOD FROM INITIAL EQUITY	4.11

TABLE A-5-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
PROJECT NO. 5 NURP PROJECT : GRANT CASE

PROJECT YEAR	-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER		900	1,200	1,500	1,700	1,900	2,000	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,700	2,700
TOTAL SUBSCRIBER	600	300	300	300	200	100	100	100	100	100	100	100	100	100	100	100
INCREASE	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE		970	960	950	940	940	940	940	940	940	940	940	940	940	940	940
REVENUE PER SUB	980	75.0%	76.0%	77.0%	78.0%	79.0%	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%
COLLECTING RATIO	74.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
ALLOTMENT CHARGE RATIO	80.0%															
CALL/RENTAL/OTHER CHARGE	348	524	700	878	997	1,129	1,203	1,279	1,357	1,436	1,516	1,598	1,681	1,766	1,787	1,807
INSTALLATION CHARGE	18	18	18	18	12	12	6	6	6	6	6	6	6	6	6	6
TOTAL REVENUE (x 1,000 USD)	366	542	718	896	1,009	1,141	1,209	1,285	1,363	1,442	1,522	1,604	1,687	1,772	1,787	1,807
OPERATING COST (x 1,000 USD)		358	364	382	386	416	429	441	450	458	467	476	484	493	493	493
STAFF COST	138	202	266	330	371	412	432	453	474	493	514	537	557	579	579	579
OTHER COST																
MAJOR FINANCIAL INDEX																
NET PROFIT ON EQUITY	-23.4%	-8.6%	20.7%	49.0%	67.6%	84.1%	93.8%	105.5%	118.4%	132.6%	146.3%	159.9%	175.0%	189.7%	193.6%	199.2%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	116.5%	104.1%	88.2%	79.9%	75.4%	72.9%	71.5%	69.9%	68.1%	66.2%	64.7%	63.4%	61.9%	60.7%	60.2%	59.5%
CASH BREAK EVEN POINT	117.4%	106.3%	89.7%	80.6%	80.9%	73.0%	71.7%	70.0%	68.3%	66.4%	64.9%	63.6%	62.1%	60.5%	60.1%	59.2%

A-6. Greater Kampala Network Expansion Project

(1) Project Outline

Installation of switches at Kampala and Mukono area. Objective area is Kampala surrounding area. Local cable portion of Mukono is included.

(2) Total Investment Cost

Table A-6-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	2,100	15 years straight
Others	10,718	10 years straight
Engineering Service	1,064	5 years straight
Preparatory Work	2,418	50/10 years straight
Initial Working Capital	320.7	Non depreciation
Total Investment Cost	16,620.7	---

(3) Operating Cost

Table A-6-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	1,525	1,727	1,756
Other Costs	1,808	2,103	2,099
Total	3,333	3,830	3,855

(4) Expected Revenue

Table A-6-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	4,033	6,184	6,552
Installation	150	0	0
Total	4,183	6,184	6,552

TABLE A-6-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No 6 GREATER KAMPALA : LOAN CASE

UNIT : 1,000 USD

ITEM	LOAN CASE	ITEM	LOAN CASE
TOTAL INVESTMENT	22,676	CORPORATION TAX PROJECT TOTAL (AVERAGE ANNUAL)	5,125 301
PROJECT FUNDING		NET PROFIT	
EQUITY(OWN CAPITAL)	4,849	PROJECT TOTAL (AVERAGE ANNUAL)	11,958 703
DEBT(LONG TERM LOAN)	15,873		
CASH FROM OPERATION	1,953		
TOTAL	22,676	CASH FLOW DURING OPERATION PROJECT TOTAL (AVERAGE ANNUAL)	4,972 292
SALES REVENUE		EXPECTED PROJECT RETURN IRROE	19.32%
PROJECT TOTAL (AVERAGE ANNUAL)	102,461 6,027		
OPERATING COSTS, INTEREST & DEPRECIATION		PAYOUT PERIOD FROM INITIAL EQUITY	2.52
PROJECT TOTAL (AVERAGE ANNUAL)	85,378 5,022		

TABLE A-6-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No.6 GREATER KAMPALA : LOAN CASE

	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER	10,200	12,260	15,100	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600
TOTAL SUBSCRIBER	2,500	2,000	2,500	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600	17,600
INCREASE	7,700	60	340	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA																	
REVENUE	970	960	950	940	940	940	940	940	940	940	940	940	940	940	940	940	940
REVENUE PER SUBSCRIBER	75.0%	77.0%	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%
COLLECTING RATIO	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%	44.5%
ALLOTMENT CHARGE RATIO	3,302	4,033	5,107	5,963	6,037	6,111	6,184	6,258	6,331	6,405	6,479	6,552	6,626	6,626	6,626	6,626	6,626
CALL/RENTAL/OTHER CHARGE	150	120	150	150	0	0	0	0	0	0	0	0	0	0	0	0	0
INSTALLATION CHARGE	3,452	4,153	5,257	6,113	6,037	6,111	6,184	6,258	6,331	6,405	6,479	6,552	6,626	6,626	6,626	6,626	6,626
TOTAL REVENUE (x 1,000 USD)	1,385	1,455	1,525	1,681	1,701	1,719	1,727	1,733	1,739	1,744	1,750	1,756	1,756	1,756	1,756	1,756	1,756
OPERATING COST (x 1,000 USD)	1,227	1,478	1,808	2,106	2,105	2,104	2,103	2,102	2,101	2,100	2,099	2,099	2,099	2,098	2,098	2,098	2,098
STAFF COST																	
OTHER COST																	
MAJOR FINANCIAL INDEX																	
NET PROFIT ON EQUITY	2.18%	1.48%	4.76%	8.89%	7.91%	9.44%	10.79%	-0.01%	1.18%	2.58%	8.89%	13.80%	18.30%	19.22%	20.28%	22.14%	23.97%
DEPT SERVICE COVERAGE RATIO								87.72%	80.15%	76.02%	70.55%	65.87%	62.08%	60.08%	59.25%	59.22%	60.82%
PROFIT BREAK EVEN POINT	93.85%	98.54%	91.21%	85.87%	87.27%	84.99%	83.04%	100.01%	96.92%	93.89%	83.84%	76.02%	68.99%	67.07%	65.15%	62.32%	59.76%
CASH BREAK EVEN POINT	69.70%	62.34%	52.75%	51.45%	52.83%	53.13%	53.07%	107.92%	104.73%	101.61%	101.62%	100.79%	99.39%	97.47%	85.55%	94.02%	92.38%

A-7. Jinja Area Rehabilitation Project

(1) Project Outline

This is a telecom. expansion and modernization project at Jinja and surrounding area. Switches of 7,900 L.U., local cable network construction exclusive of Jinja and replacement of backbone microwave radio link between Kampala and Mbale are included.

(2) Total Investment Cost

Table A-7-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	2,040	15 years straight
Others	13,668	10 years straight
Engineering Service	1,165	5 years straight
Preparatory Work	936	50/10 years straight
Initial Working Capital	278.8	Non depreciation
Total Investment Cost	18,087.8	---

(3) Operating Cost

Table A-7-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	942	1,091	1,110
Other Costs	1,122	1,468	1,463
Total	2,064	2,559	2,573

(4) Expected Revenue

Table A-7-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	3,671	4,864	5,153
Installation	66	12	0
Total	3,737	4,876	5,153

TABLE A-7-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No 7 JINJA AREA : LOAN CASE

UNIT : 1,000 USD

ITEM	LOAN CASE	ITEM	LOAN CASE
TOTAL INVESTMENT	18,088	CORPORATION TAX PROJECT TOTAL (AVERAGE ANNUAL)	4,767 280
PROJECT FUNDING		NET PROFIT PROJECT TOTAL (AVERAGE ANNUAL)	10,950 644
EQUITY(OWN CAPITAL)	3,607	CASH FLOW DURING OPERATION PROJECT TOTAL (AVERAGE ANNUAL)	9,801 577
DEBT(LONG TERM LOAN)	12,661	EXPECTED PROJECT RETURN IRROE	29.05%
CASH FROM OPERATION	1,819	PAYOUT PERIOD FROM INITIAL EQUITY	2.07
TOTAL	18,088		
SALES REVENUE PROJECT TOTAL (AVERAGE ANNUAL)	78,170 4,598		
OPERATING COSTS, INTEREST & DEPRECIATION PROJECT TOTAL (AVERAGE ANNUAL)			

TABLE A-7-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT

THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
PROJECT No 7 JINJA AREA : LOAN CASE

SUBSCRIBER	UNIT : 1,000 USE																
	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TOTAL SUBSCRIBER	3,080	4,560	5,900	6,600	7,100	7,600	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800
INCREASE	1,000	1,300	1,100	700	500	500	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	2,080	180	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
REVENUE	970	960	950	940	940	940	940	940	940	940	940	940	940	940	940	940	940
REVENUE PER SUBSCRIBER	75.0%	77.0%	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%
COLLECTING RATIO	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%	70.0%
ALLOTMENT CHARGE RATIO	2,078	2,877	3,671	4,051	4,370	4,697	4,864	4,922	4,980	5,038	5,096	5,153	5,211	5,211	5,211	5,211	5,211
CALL/RENTAL/OTHER CHARGE	60	78	66	42	30	30	12	0	0	0	0	0	0	0	0	0	0
INSTALLATION CHARGE	2,138	2,955	3,737	4,093	4,400	4,727	4,876	4,922	4,980	5,038	5,096	5,153	5,211	5,211	5,211	5,211	5,211
TOTAL REVENUE (x 1,000 USD)	805	865	942	960	1,027	1,068	1,091	1,096	1,100	1,103	1,107	1,110	1,113	1,113	1,113	1,113	1,113
OPERATING COST (x 1,000 USD)	584	872	1,122	1,247	1,340	1,433	1,468	1,468	1,466	1,465	1,463	1,463	1,463	1,462	1,462	1,462	1,462
STAFF COST																	
OTHER COST																	
MAJOR FINANCIAL INDEX																	
NET PROFIT ON EQUITY	4.58%	1.76%	-1.42%	1.74%	3.66%	6.81%	9.16%	-1.77%	0.79%	2.82%	8.80%	17.75%	26.51%	27.82%	29.13%	30.83%	32.83%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	107.03%	113.98%	120.18%	122.19%	120.56%	119.02%	124.68%	131.10%	137.80%	145.02%	145.02%
PROFIT BREAK EVEN POINT	83.39%	95.37%	102.07%	96.71%	83.55%	88.83%	85.44%	101.95%	98.77%	95.66%	86.61%	73.20%	60.57%	58.62%	56.67%	54.14%	51.17%
CASH BREAK EVEN POINT	60.78%	45.65%	36.11%	36.22%	37.48%	37.84%	38.52%	94.86%	91.76%	88.73%	88.36%	89.93%	91.16%	89.21%	87.26%	85.57%	84.06%

A-8. Mbale Area Network Expansion Project

(1) Project Outline

This project will make up telecom. network at Mbale ASC area. Switches and local cable will be installed at Tororo, Pallisa and Kumi, which are all out of Ten-town project scope.

(2) Total Investment Cost

Table A-8-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	2,020	15 years straight
Others	2,682	10 years straight
Engineering Service	371	5 years straight
Preparatory Work	598	50/10 years straight
Initial Working Capital	32.3	Non depreciation
Total Investment Cost	5,703.3	---

(3) Operating Cost

Table A-8-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	195	226	230
Other Costs	186	232	230
Total	381	458	460

(4) Expected Revenue

Table A-8-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	514	683	723
Installation	60	0	0
Total	574	683	723

TABLE A-8-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 8 (MBALE AREA) : GRANT CASE

UNIT : 1000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	5,703	CORPORATION TAX PROJECT TOTAL (AVERAGE ANNUAL)	1,033 69
PROJECT FUNDING EQUITY(OWN CAPITAL)	630	NET PROFIT PROJECT TOTAL (AVERAGE ANNUAL)	2,411 161
DEBT(LONG TERM LOAN)	-		
FOREIGN GRANT	5,073	CASH FLOW DURING OPERATION PROJECT TOTAL (AVERAGE ANNUAL)	1,907 127
TOTAL	5,703	EXPECTED PROJECT RETURN IRROE	23.74%
SALES REVENUE PROJECT TOTAL (AVERAGE ANNUAL)	10,331 689	PAYOUT PERIOD FROM INITIAL EQUITY	4.42
OPERATING COSTS, INTEREST & DEPRECIATION PROJECT TOTAL (AVERAGE ANNUAL)	6,887 459		

TABLE A-8-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
PROJECT NO. 8 (MBALE AREA) : GRANT CASE

PROJECT YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER															
TOTAL SUBSCRIBER	1,500	1,700	1,800	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900
INCREASE	1,000	200	100	100	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE															
REVENUE PER SUBSCRIBER	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940
COLLECTING RATIO	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
ALLTINENT CHARGE RATIO	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%	45.0%
CALL/RENTAL/OTHER CHARGE	514	590	632	675	683	691	699	707	715	723	723	723	723	723	723
INSTALLATION CHARGE	60	12	6	6	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	574	602	638	681	683	691	699	707	715	723	723	723	723	723	723
OPERATING COST (x 1,000 USD)															
STAFF COST	195	212	218	225	226	226	227	228	229	230	230	230	230	230	230
OTHER COST	186	209	221	233	232	232	231	231	231	230	230	230	229	229	229
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	20.41%	19.05%	21.08%	23.76%	23.99%	24.88%	25.77%	26.56%	27.34%	28.23%	28.23%	28.23%	28.34%	28.34%	28.34%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	67.99%	71.50%	70.25%	68.59%	68.39%	67.59%	66.82%	66.20%	65.60%	64.87%	64.87%	64.87%	64.73%	64.73%	64.73%
CASH BREAK EVEN POINT	65.34%	69.82%	68.33%	66.71%	66.60%	65.89%	65.11%	64.51%	63.95%	63.05%	63.05%	63.07%	62.91%	62.91%	62.91%

A-9. Moroto Area Rehabilitation Project

(1) Project Outline

Objective is spreading reliable telecom. network to north-eastern area. Installation of switch and local cable at Moroto will be done with micro wave link establishment for Soroti-Moroto-Kotido sections. Kotido area will be covered by DMARS up to switch installation at there.

(2) Total Investment Cost

Table A-9-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	480	15 years straight
Others	5,662	10 years straight
Engineering Service	454	5 years straight
Preparatory Work	338	50/10 years straight
Initial Working Capital	14.4	Non depreciation
Total Investment Cost	6,948.4	---

(3) Operating Cost

Table A-9-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	82	93	94
Other Costs	92	111	108
Total	174	204	202

(4) Expected Revenue

Table A-9-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	243	319	338
Installation	18	0	0
Total	261	319	338

TABLE A-9-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 9 (MOROTO AREA) : GRANT CASE

UNIT : 1000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	6,949	CORPORATION TAX	509
PROJECT FUNDING		PROJECT TOTAL (AVERAGE ANNUAL)	34
EQUITY(OWN CAPITAL)	353	NET PROFIT	
DEBT(LONG TERM LOAN)	-	PROJECT TOTAL	1,187
FOREIGN GRANT	6,596	(AVERAGE ANNUAL)	79
TOTAL	6,949	CASH FLOW DURING OPERATION	
SALES REVENUE		PROJECT TOTAL	903
PROJECT TOTAL (AVERAGE ANNUAL)	4,697	(AVERAGE ANNUAL)	60
OPERATING COSTS, INTEREST & DEPRECIATION	313	EXPECTED PROJECT RETURN	
PROJECT TOTAL (AVERAGE ANNUAL)	3,002	IRROE	20.55%
	200	PAYOUT PERIOD FROM INITIAL EQUITY	5.53

TABLE A-9-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 9 (KOROTO AREA) : GRANT CASE

PROJECT YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER															
TOTAL SUBSCRIBER	400	400	400	400	500	500	500	500	500	500	500	500	500	500	500
INCREASE	300	0	0	0	100	0	0	0	0	0	0	0	0	0	0
TRANSFER	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE															
REVENUE PER SUBSCRIBER	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950
COLLECTING RATIO	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%
ALLTMENT CHARGE RATIO	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
CALL/RENTAL/OTHER CHARGE	243	246	249	252	319	323	327	331	334	338	342	342	342	342	342
INSTALLATION CHARGE	18	0	0	0	6	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	261	246	249	252	325	323	327	331	334	338	342	342	342	342	342
OPERATING COST (x 1,000 USD)															
STAFF COST	82	80	83	85	93	94	94	94	94	94	95	95	95	95	95
OTHER COST	92	91	91	90	111	110	110	109	109	108	107	107	107	107	107
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	16.28%	13.91%	13.92%	14.32%	23.03%	22.60%	23.35%	24.30%	25.06%	26.01%	26.77%	26.77%	26.77%	26.77%	26.77%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	68.61%	71.56%	71.89%	71.42%	64.33%	64.77%	64.01%	62.98%	62.26%	61.27%	60.58%	60.58%	60.58%	60.58%	60.58%
CASH BREAK EVEN POINT	65.00%	68.54%	69.04%	71.37%	61.93%	62.66%	61.99%	60.92%	60.28%	59.26%	58.41%	58.41%	58.41%	58.41%	58.41%

A-10. Gulu Area Network Expansion Project

(1) Project Outline

Lira, Kitgum and Apac area will be covered by this project. Switch installation, local cable rehabilitation and micro wave link between Gulu and Lira will be implemented.

(2) Total Investment Cost

Table A-10-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	1,560	15 years straight
Others	6,797	10 years straight
Engineering Service	620	5 years straight
Preparatory Work	507	50/10 years straight
Initial Working Capital	30.2	Non depreciation
Total Investment Cost	9,514.2	---

(3) Operating Cost

Table A-10-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	247	288	294
Other Costs	223	284	280
Total	470	572	574

(4) Expected Revenue

Table A-10-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	609	831	880
Installation	42	0	0
Total	651	831	880

TABLE A-10-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 10 (GULU AREA) : GRANT CASE

UNIT : 1000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	9,514	CORPORATION TAX PROJECT TOTAL (AVERAGE ANNUAL)	1,182 79
PROJECT FUNDING EQUITY(OWN CAPITAL)	537	NET PROFIT PROJECT TOTAL (AVERAGE ANNUAL)	2,759 184
DEBT(LONG TERM LOAN) FOREIGN GRANT	- 8,977	CASH FLOW DURING OPERATION PROJECT TOTAL (AVERAGE ANNUAL)	2,318 155
TOTAL	9,514	EXPECTED PROJECT RETURN IRROE	28.98%
SALES REVENUE PROJECT TOTAL (AVERAGE ANNUAL)	12,449 830	PAYOUT PERIOD FROM INITIAL EQUITY	3.79
OPERATING COSTS, INTEREST & DEPRECIATION PROJECT TOTAL (AVERAGE ANNUAL)	8,508 567		

TABLE A-10-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No.10 (GULU AREA) : GRANT CASE

PROJECT YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER	1,000	1,100	1,200	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
TOTAL SUBSCRIBER	700	100	100	100	0	0	0	0	0	0	0	0	0	0	0
INCREASE	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940
REVENUE PER SUBSCRIBER	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
COLLECTING RATIO	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
ALLTMENT CHARGE RATIO	609	678	749	821	831	841	851	860	870	880	880	880	880	880	880
CALL/RENTAL/OTHER CHARGE	42	6	6	6	0	0	0	0	0	0	0	0	0	0	0
INSTALLATION CHARGE	651	684	755	827	831	841	851	860	870	880	880	880	880	880	880
TOTAL REVENUE (x 1,000)	247	266	276	286	288	290	290	291	293	294	294	294	294	294	294
OPERATING COST (x 1,000)	223	243	264	285	284	283	282	281	280	280	279	279	279	279	279
STAFF COST															
OTHER COST															
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	22.59%	21.83%	27.00%	32.37%	32.73%	33.87%	35.28%	36.55%	37.69%	38.84%	38.97%	38.97%	38.97%	38.97%	38.97%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	73.38%	75.52%	72.50%	69.97%	69.77%	69.08%	68.17%	67.40%	66.75%	66.13%	66.01%	66.01%	66.01%	66.01%	66.01%
CASH BREAK EVEN POINT	71.52%	74.80%	71.99%	68.68%	68.51%	67.97%	67.05%	66.27%	65.64%	64.88%	64.75%	64.75%	64.75%	64.75%	64.75%

A-11. Arua Area Rehabilitation Project

(1) Project Outline

This project aims telecom. network improvement at Arua, Nebbi and Moyo areas. Switches will be installed at Arua and Nebbi, and micro wave link will be established for Gulu-Arua section. Moyo area will be served by DMARS.

(2) Total Investment Cost

Table A-11-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	1,390	15 years straight
Others	10,627	10 years straight
Engineering Service	883	5 years straight
Preparatory Work	598	50/10 years straight
Initial Working Capital	43.5	Non depreciation
Total Investment Cost	13,541.5	---

(3) Operating Cost

Table A-11-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	293	336	342
Other Costs	311	370	365
Total	604	706	707

(4) Expected Revenue

Table A-11-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	853	1,087	1,151
Installation	12	12	0
Total	865	1,099	1,151

TABLE A-11-4 SUMMARY OF FINANCIAL ANALYSIS

THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA

PROJECT No. 11 ARUA AREA : GRANT CASE

UNIT : 1,000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	13,540	CORPORATION TAX	
PROJECT FUNDING		PROJECT TOTAL	1,817
EQUITY(OWN CAPITAL)	478	(AVERAGE ANNUAL)	107
FOREIGN GRANT	12,899	NET PROFIT	
CASH FROM OPERATION	163	PROJECT TOTAL	4,239
		(AVERAGE ANNUAL)	249
TOTAL	13,540	CASH FLOW DURING OPERATION	
SALES REVENUE		PROJECT TOTAL	3,709
PROJECT TOTAL	17,158	(AVERAGE ANNUAL)	218
(AVERAGE ANNUAL)	1,009	EXPECTED PROJECT RETURN	
OPERATING COSTS, INTEREST		IRROE	35.21%
& DEPRECIATION		PAYOUT PERIOD FROM	
PROJECT TOTAL	11,103	INITIAL EQUITY	2.45
(AVERAGE ANNUAL)	653		

TABLE A-11-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 11 ARUA AREA : GRANT CASE

	-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER																
TOTAL SUBSCRIBER	1,200	1,400	1,500	1,600	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
INCREASE	1,000	200	100	100	200	200	0	0	0	0	0	0	0	0	0	0
TRANSFER	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE																
REVENUE PER SUB	950	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940
COLLECTING RATIO	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
ALLOTMENT CHARGE RATIO	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
CALL/RENTAL/OTHER CHARGE	730	853	925	999	1,074	1,087	1,099	1,112	1,125	1,138	1,151	1,151	1,151	1,151	1,151	1,151
INSTALLATION CHARGE	60	12	6	6	6	12	12	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	790	865	931	1,005	1,080	1,099	1,111	1,112	1,125	1,138	1,151	1,151	1,151	1,151	1,151	1,151
OPERATING COST (x 1,000 USD)																
STAFF COST	287	293	313	323	334	336	338	338	340	341	342	342	342	342	342	342
OTHER COST	271	311	332	351	372	370	369	368	367	366	365	365	365	365	365	365
MAJOR FINANCIAL INDEX																
NET PROFIT ON EQUITY	24.8%	27.5%	30.2%	35.1%	39.8%	41.8%	43.1%	43.3%	44.0%	46.0%	47.4%	47.4%	47.4%	47.4%	47.4%	47.5%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	71.2%	70.9%	70.3%	68.0%	66.2%	65.1%	64.4%	64.3%	63.7%	62.9%	62.2%	62.2%	62.2%	62.2%	62.2%	62.2%
CASH BREAK EVEN POINT	71.1%	69.9%	69.7%	67.4%	65.3%	64.1%	63.3%	63.3%	62.7%	62.0%	61.1%	61.1%	61.1%	61.1%	61.1%	61.0%

A-12. Fort Portal Area Rehabilitation Project

(1) Project Outline

Switches will be installed and local cable network will be rehabilitated at Fort Portal and Kasese. At the same time, new micro wave transmission link for Kampala-Mityana-Fort Portal-Kasese sections will be established.

(2) Total Investment Cost

Table A-12-1. Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	3,000	15 years straight
Others	14,536	10 years straight
Engineering Service	1,264	5 years straight
Preparatory Work	520	50/10 years straight
Initial Working Capital	67.8	Non depreciation
Total Investment Cost	19,387.8	---

(3) Operating Cost

Table A-12-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	598	708	736
Other Costs	465	715	751
Total	1,063	1,423	1,487

(4) Expected Revenue

Table A-12-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	1,423	2,237	2,504
Installation	48	12	0
Total	1,471	2,249	2,504

TABLE A-12-4 SUMMARY OF FINANCIAL ANALYSIS

THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
PROJECT No. 12 FORT PORTAL : GRANT CASE

UNIT : 1,000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	19,387	CORPORATION TAX	3,937
PROJECT FUNDING		PROJECT TOTAL (AVERAGE ANNUAL)	232
EQUITY(OWN CAPITAL)	584	NET PROFIT	
FOREIGN GRANT	18,799	PROJECT TOTAL (AVERAGE ANNUAL)	9,184
CASH FROM OPERATION	4		540
TOTAL	19,387	CASH FLOW DURING OPERATION	
SALES REVENUE		PROJECT TOTAL (AVERAGE ANNUAL)	8,616
PROJECT TOTAL (AVERAGE ANNUAL)	35,202	EXPECTED PROJECT RETURN IRROE	507
OPERATING COSTS, INTEREST & DEPRECIATION	2,071		48.32%
PROJECT TOTAL (AVERAGE ANNUAL)	22,081	PAYOUT PERIOD FROM INITIAL EQUITY	1.83
	1,299		

TABLE A-12-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 12 FORT PORTAL : GRANT CASE

PROJECT YEAR	-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER		2,100	2,600	2,900	3,100	3,300	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500
TOTAL SUBSCRIBER INCREASE	1,000	800	500	300	200	200	200	0	0	0	0	0	0	0	0	0
TRANSFER	500	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
REVENUE		960	940	940	940	940	940	940	940	940	940	940	940	940	940	940
REVENUE PER SUB	77.0%	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%
COLLECTING RATIO	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
ALLOTMENT CHARGE RATIO		734	1,423	1,937	2,085	2,237	2,391	2,419	2,447	2,475	2,504	2,532	2,532	2,532	2,532	2,532
CALL/RENTAL/OTHER CHARGE	30	48	30	18	12	12	12	0	0	0	0	0	0	0	0	0
INSTALLATION CHARGE	764	1,471	1,760	1,955	2,097	2,249	2,403	2,419	2,447	2,475	2,504	2,532	2,532	2,532	2,532	2,532
TOTAL REVENUE (x 1,000 USD)		528	615	664	686	708	726	729	731	734	736	739	739	739	739	739
OPERATING COST (x 1,000 USD)		232	465	570	633	715	756	755	753	751	751	751	750	750	750	750
STAFF COST																
OTHER COST																
MAJOR FINANCIAL INDEX																
NET PROFIT ON EQUITY	-0.4%	47.6%	67.5%	77.3%	86.9%	97.3%	108.7%	110.4%	113.7%	116.9%	120.1%	123.0%	123.2%	123.2%	123.2%	123.2%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	100.3%	72.8%	67.8%	66.3%	65.2%	63.6%	62.0%	61.7%	61.0%	60.3%	59.7%	59.2%	59.1%	59.1%	59.1%	59.1%
CASH BREAK EVEN POINT	108.0%	73.9%	67.9%	66.9%	65.3%	63.8%	61.6%	61.4%	60.7%	60.0%	59.4%	58.7%	58.7%	58.7%	58.7%	58.7%

A-13. Mbarara Area Rehabilitation Project

(1) Project Outline

Local cable rehabilitation at Mbarara area and installation of micro wave link for Kasese-Mbarara are objective of this project. Digital switch was already installed at Mbarara.

(2) Total Investment Cost

Table A-13-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	1,235	15 years straight
Others	9,185	10 years straight
Engineering Service	768	5 years straight
Preparatory Work	548	50/10 years straight
Initial Working Capital	-43.0	Non depreciation
Total Investment Cost	11,694.0	---

(3) Operating Cost

Table A-13-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	817	861	883
Other Costs	307	301	296
Total	1,124	1,162	1,179

(4) Expected Revenue

Table A-13-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	836	878	930
Installation	30	0	0
Total	866	878	930

TABLE A-13-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No.13 (MBARARA AREA) : GRANT CASE

UNIT : 1000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT	11,693	CORPORATION TAX	
PROJECT FUNDING		PROJECT TOTAL	0
EQUITY(OWN CAPITAL)	505	(AVERAGE ANNUAL)	0
DEBT(LONG TERM LOAN)	-	NET PROFIT	
FOREIGN GRANT	11,189	PROJECT TOTAL	-25,325
		(AVERAGE ANNUAL)	-1,688
TOTAL	11,693	CASH FLOW DURING OPERATION	
SALES REVENUE		PROJECT TOTAL	-505
PROJECT TOTAL	13,563	(AVERAGE ANNUAL)	-34
(AVERAGE ANNUAL)	904	EXPECTED PROJECT RETURN	
OPERATING COSTS, INTEREST		IRROE	N. A.
& DEPRECIATION		PAYOUT PERIOD FROM	
PROJECT TOTAL	38,887	INITIAL EQUITY	N. A.
(AVERAGE ANNUAL)	2,592		

TABLE A-13-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT

THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
PROJECT No. 13 (MBARARA AREA) : GRANT CASE

PROJECT YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER															
TOTAL SUBSCRIBER	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
INCREASE	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE															
REVENUE PER SUBSCRIBER	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950
COLLECTING RATIO	80.0%	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%
ALLTMENT CHARGE RATIO	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%	55.0%
CALL/RENTAL/OTHER CHARGE	836	846	857	867	878	888	899	909	920	930	941	941	941	941	941
INSTALLATION CHARGE	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	866	846	857	867	878	888	899	909	920	930	941	941	941	941	941
OPERATING COST (x 1,000 USD)															
STAFF COST	817	789	833	848	861	867	871	875	879	883	888	888	888	888	888
OTHER COST	307	304	304	302	301	300	299	298	297	296	295	295	295	294	294
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	-62.01%	-71.59%	-91.95%	-111.09%	-134.43%	-161.81%	-195.11%	-236.05%	-286.43%	-348.39%	-424.79%	-520.00%	-637.09%	-780.93%	-958.05%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROFIT BREAK EVEN POINT	136.13%	135.61%	139.09%	138.91%	138.62%	137.56%	136.29%	135.05%	133.85%	132.66%	131.62%	131.62%	131.62%	131.51%	131.51%
CASH BREAK EVEN POINT	127.30%	125.69%	129.89%	129.85%	129.80%	128.88%	127.71%	126.57%	125.46%	124.36%	123.28%	123.28%	123.30%	123.18%	123.18%

A-14. Masaka Area Rehabilitation Project

(1) Project Outline

This project covers rehabilitation of local network at Masaka and some DMARS network.

(2) Total Investment Cost

Table A-14-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	1,235	15 years straight
Others	1,910	10 years straight
Engineering Service	232	5 years straight
Preparatory Work	166	50/10 years straight
Initial Working Capital	- 7.2	Non depreciation
Total Investment Cost	3,535.8	---

(3) Operating Cost

Table A-14-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	310	341	349
Other Costs	110	109	108
Total	420	450	457

(4) Expected Revenue

Table A-14-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	305	320	338
Installation	72	0	0
Total	377	320	338

TABLE A-14-4 SUMMARY OF FINANCIAL ANALYSIS.

THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
PROJECT No. 14 (MASAKA AREA) : GRANT CASE

UNIT : 1000 USD

ITEM	GRANT CASE	ITEM	GRANT CASE
TOTAL INVESTMENT		CORPORATION TAX	
PROJECT FUNDING		PROJECT TOTAL	0
EQUITY(OWN CAPITAL)	158	(AVERAGE ANNUAL)	0
DEBT(LONG TERM LOAN)	-	NET PROFIT	
FOREIGN GRANT	3,765	PROJECT TOTAL	-10,189
		(AVERAGE ANNUAL)	-679
TOTAL	3,923	CASH FLOW DURING OPERATION	
SALES REVENUE		PROJECT TOTAL	-158
PROJECT TOTAL	4,979	(AVERAGE ANNUAL)	-11
(AVERAGE ANNUAL)	332	EXPECTED PROJECT RETURN	
OPERATING COSTS, INTEREST		IRROE	N. A.
& DEPRECIATION		PAYOUT PERIOD FROM	
PROJECT TOTAL	15,168	INITIAL EQUITY	N. A.
(AVERAGE ANNUAL)	1,011		

TABLE A-14-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT

THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
PROJECT No. 14 (KASAKA AREA) : GRANT CASE

PROJECT YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER															
TOTAL SUBSCRIBER	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
INCREASE	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSFER	800	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE															
REVENUE PER SUBSCRIBER	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940
COLLECTING RATIO	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
ALLIEMENT CHARGE RATIO	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
CALL/RENTAL/OTHER CHARGE	305	308	312	316	320	323	327	331	335	338	338	338	338	338	338
INSTALLATION CHARGE	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	377	308	312	316	320	323	327	331	335	338	338	338	338	338	338
OPERATING COST (x 1,000 USD)															
STAFF COST	310	327	333	338	341	342	344	346	347	349	349	349	349	349	349
OTHER COST	110	110	110	110	109	109	109	108	108	108	107	107	107	107	107
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	-37.96%	-86.18%	-117.26%	-142.58%	-171.89%	-207.34%	-251.55%	-305.33%	-371.46%	-453.42%	-544.24%	-669.41%	-823.38%	-1012.76%	-1245.69%
DEBT SERVICE COVERAGE RATIO															
PROFIT BREAK EVEN POINT	115.82%	147.09%	147.24%	147.07%	145.97%	144.58%	143.53%	142.20%	140.50%	139.93%	134.75%	134.75%	134.75%	134.75%	134.75%
CASH BREAK EVEN POINT	105.88%	139.32%	139.62%	139.70%	138.73%	137.37%	136.46%	135.21%	133.94%	133.00%	134.75%	134.75%	134.75%	134.75%	134.75%

A-15. International Network Expansion Project

(1) Project Outline

Replacement of Antenna system and telecom. equipments for Atlantic ocean satellite at Mpoma earth station.

(2) Total Investment Cost

Table A-15-1 Total Investment Cost

Unit: 1,000 USD

Item	Cost	Depreciation Method
Equipment & Facilities		
External	0	15 years straight
Others	4,150	10 years straight
Engineering Service	350	5 years straight
Preparatory Work	500	50/10 years straight
Initial Working Capital	673.5	Non depreciation
Total Investment Cost	5,673.5	---

(3) Operating Cost

Table A-15-2 Operating Cost

Unit: 1,000 USD

Item	Project Year		
	1	5	10
Staff Costs	-	-	-
Other Costs	-	-	-
Total	255	253	251

(4) Expected Revenue

Table A-15-3 Expected Revenue

Unit: 1000 USD

Item	Project Year		
	1	5	10
Call/Rental/Other	4,296	6,949	10,125
Installation	0	0	0
Total	4,296	6,949	10,125

TABLE A-15-4 SUMMARY OF FINANCIAL ANALYSIS
 THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
 PROJECT No. 15 (INTERNATIONAL) : LOAN CASE

UNIT : 1000 USD

ITEM	LOAN CASE	ITEM	LOAN CASE
TOTAL INVESTMENT		CORPORATION TAX	
		PROJECT TOTAL	36,329
PROJECT FUNDING		(AVERAGE ANNUAL)	2,422
EQUITY(OWN CAPITAL)	1,702	NET PROFIT	
DEBT(LONG TERM LOAN)	3,971	PROJECT TOTAL	89,979
FOREIGN GRANT	0	(AVERAGE ANNUAL)	5,999
TOTAL		CASH FLOW DURING OPERATION	
		PROJECT TOTAL	86,317
SALES REVENUE		(AVERAGE ANNUAL)	5,754
PROJECT TOTAL	136,811	EXPECTED PROJECT RETURN	
(AVERAGE ANNUAL)		IRROE	147.33%
OPERATING COSTS, INTEREST & DEPRECIATION		PAYOUT PERIOD FROM	
PROJECT TOTAL	10,502	INITIAL EQUITY	0.59
(AVERAGE ANNUAL)	700		

TABLE A-15-5 BASE DATA AND MAJOR FINANCIAL INDEX FOR PRIORITY PROJECT

THE TELECOMMUNICATIONS NETWORK PROJECT IN UGANDA
PROJECT No. 15 (INTERNATIONAL) : LOAN CASE

PROJECT YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUBSCRIBER															
TOTAL SUBSCRIBER	40,300	45,800	53,600	61,000	68,700	77,000	86,000	95,500	105,000	114,800	125,200	136,200	147,800	160,000	160,000
INCREASE	4,300	5,500	7,800	7,400	7,700	8,300	9,000	9,500	9,500	9,800	10,400	11,000	11,600	12,200	0
TRANSFER	16,900	4,780	8,380	2,400	1,940	500	800	1,000	0	0	0	0	0	0	0
RELATED AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE															
REVENUE PER SUBSCRIBER	940	920	900	880	850	820	790	760	730	700	700	700	700	700	700
COLLECTING RATIO	81.0%	82.0%	83.0%	84.0%	85.0%	86.0%	87.0%	88.0%	89.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
ALLOTMENT CHARGE RATIO	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%
CALL/RENTAL/OTHER CHARGE	4,296	4,837	5,605	6,313	6,949	7,602	8,275	8,942	9,551	10,125	11,043	12,013	13,036	14,112	14,112
INSTALLATION CHARGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE (x 1,000 USD)	4,296	4,837	5,605	6,313	6,949	7,602	8,275	8,942	9,551	10,125	11,043	12,013	13,036	14,112	14,112
OPERATING COST (x 1,000 USD)															
OTHER COST	255	255	254	254	253	253	252	252	251	251	251	251	250	250	250
REINVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAJOR FINANCIAL INDEX															
NET PROFIT ON EQUITY	146.19%	168.47%	200.09%	229.20%	255.38%	273.23%	302.23%	330.97%	357.33%	382.29%	432.37%	473.59%	516.38%	562.54%	563.86%
DEBT SERVICE COVERAGE RATIO	-	-	-	-	-	775.13%	882.54%	1000.14%	1123.46%	1256.45%	1435.26%	1650.22%	1923.53%	2233.75%	2406.62%
PROFIT BREAK EVEN POINT	17.26%	15.32%	13.21%	11.72%	10.64%	12.61%	11.20%	10.00%	9.03%	8.20%	4.80%	4.14%	3.57%	3.07%	2.85%
CASH BREAK EVEN POINT	3.19%	3.60%	2.92%	2.40%	2.21%	13.81%	12.28%	10.90%	9.81%	9.50%	9.54%	8.57%	7.72%	5.64%	5.41%

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