B. Revenue and Expenditure

(1) Block Ice Making Plant (50 Mt/Day)

	Revenue (Sales of ice)			Expenses (Million PhP)							Operating Profit		
	Volume (MT)	Price (P/50kg)	Amount (Mil.P)	Electricity	Water	Personnel	Maintenance	Transportation	Depreiation	Total			
Ice for Concepcion	984	94	1.85	Price (PhP/kw)	Price (PhP/m3)	For transport		0.44					
Ice for Dumangas	138	94	0.26	8.48	67.11	1.80		0.15					
Ice for Dumangas (milkfish)	925	94	1.74	Volume (kw/yr)	Volume (m3/yr)	For ice plant							
Ice for San Jose	1,575	94	2.96	1,500,250	30,630	1.44		0.62					
Ice for local fish processing	759	92	1.40										
Ice for chicken processors	12,636	92	23.25										
Total	17,017		31.46										Break-even poir
Actual volume of ice supplied	16,490		30.48	12.71	2.06	3.24	1.15	1.21	5.75	26.12	4.36	(first 5 years)	21.32
							2.30			27.28	3.21	(6 - 10th year)	23.74
							3.45			28.43	2.06	(after 11th year	26.16

Note: Unit price of electricity is based on the hybrid use of solar power (6 hours per day) with currenct public electricity of PECO (current unit price of PECO: 11.30/kwh).

Investment

	JPY	PhP
Ice Plant (50 ton/day)	205,650,000	102,825,000
Ice storage	6,500,000	3,250,000
Insulated trucks	18,000,000	9,000,000
Transportation (incl. for local fish pro)	9,000,000	4,500,000
Installation	32,975,000	16,487,500

Maintenance

Trucks	Ice plant &storage	
1.00%	1.00%	/year (for first 5 years)
2.00%	2.00%	/year (for 6 - 10th year)
3.00%	3.00%	/year (after 11th year)

PFDA Personnel cost

	For ice distribution		For ice producion	
	Drivers	Asisstants	Plant operater	Ice seller
No. of personn	5	10	6	6
Monthly salary	10,000	10,000	10,000	10,000
			3 shifts x 2 psn.	3 shifts x 2 psn.

(2) HACCP Fish Processing Facility (1 Mt/Day X 4 Units)

Products	Price (P/kg)		Processed Products (MT)	Projected Destination		Sales Income (million P)			Expenses (million P)							
	Export Price	Local Price		Export	Local	Export	Local	Total	Raw material	Electricity	Water	Manpower	Lease fee	Maintenance	Others	Total
Milkfish	195	165	360.0	90%	10%	63.2	5.9	69.1	39.0							
Squid	120	90	140.0	90%	10%	15.1	1.3	16.4	8.8							
Shrimp	420	400	140.0	90%	10%	52.9	5.6	58.5	35.0							
Assorted fish	180	120	260.0	50%	50%	23.4	15.6	39.0	26.0							
Shellfish	180	100	60.0	90%	10%	9.7	0.6	10.3	6.0							
Total			960.0			164.3	29.0	193.3	114.8	7.6	1.4	21.0	13.4	3.5	9.6	171.3

Calculation of Theoretical Leasing Fee

	Investment Cost				Depreciation		Sub-Total	PFDA	Theoretical
	Quantity	Unit Price (JPY)	Total (JPY)	Total (PhP)	per unit/year	per unit/month	per unit/month	surcharge	lease fee
Ice plant & storage (2 ton/day)	4	12,200,000	48,800,000	24,400,000	305,000	25,417	25,417	25,417	50,833
Blast freezer 0.5 ton/6 hours)	4	28,010,000	112,040,000	56,020,000	700,250	58,354	58,354	58,354	116,708
Cold storage (20 ton)	4	7,700,000	30,800,000	15,400,000	192,500	16,042	16,042	16,042	32,083
Processing equipment	4			4,000,000	100,000	8,333	8,333	8,333	16,667
Building	4	22,500,000	90,000,000	45,000,000	375,000	31,250	31,250	31,250	62,500
Transportation	1	3,000,000	3,000,000	1,500,000				Total	278,792 /unit/month
Installation	4	4,725,000	18,900,000	9,450,000					

	Life period	
HACCP plant	20	years
Equipment	10	years
Building	30	years

*Excluding electricity & water charges

*Maintenance is under responsibility of lessies

100% (PFDA surcharge)

	Electricity	Water	Maintenance Cost	
	per unit/month	per unit/month	per unit/year	per unit/month
Flake ice plant	53,915	5,089	183,000	15,250
Blast freezer	39,911	0	420,150	35,013
Cold storage	16,542	0	115,500	9,625
Other equip.	9,725	0	50,000	4,167
Building	38,900	24,421	112,500	9,375
Total	158,994	29,511	881,150	73,429
(Breakdown)			Maintenance	
PFDA surcharg	20,436	3,827	3.00%	/year (ref machinery)
To PECO/DWC	138,558	25,684	5.00%	/year (other equip.)
			1.00%	/year (building)