

NO. 7

REPUBLIC OF THE PHILIPPINES  
THE HOSPITAL DEVELOPMENT PROJECT  
FEASIBILITY STUDY REPORT

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JAPAN INTERNATIONAL COOPERATION AGENCY

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## CHAPTER XI

### COST ESTIMATE

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### XI COST ESTIMATE

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The data presented herein will show the detailed construction costs by Standard Plan and by Plan (I), Plan (II) and Plan of Authorized Beds for 19 project hospitals.

The construction cost (hereinafter "the cost") by Plan (I) and Plan (II) will state the details of Chapter I and Chapter XI. Plan of Authorized Beds is made up to minimize the cost, based on authorized number of beds and standard equipment of MOH, and lists of available and existing equipment of project hospitals.

The cost was calculated according to each item of Building Work, Mechanical Work, Electrical Work and Medical equipment, and was arranged for each department of Central Treatment, Out-patient, Administration, Ward, Service, Residence and Dormitory.

We calculated the cost for facilities difficult to divide - such as Site Development, Outside Plumbing, Well, Pump and Tank Units, Sewage Treatment Tank Unit, Generator & Distribution and Outside Wiring - in total, and for each facility of Kitchen System, Laundry, Garbage Furnace, Fire Extinguisher and Air-Conditioning (which is to be set up only to Central Treatment Department).

Miscellaneous was made up of costs necessary for Surveying site conditions, Fee for Design & Planning, Engineering and Supervision, Medical consultant, and Administration, of Price Contingency which may be caused by expected inflation during implementation of this project, of cost which may be necessary in consideration of ground conditions and existing facilities, and of Physical Contingency for design condition which may be added within detail design phase.

In implementing the project, improvement of whole project hospitals is most desirable, but this total and simultaneous improvement needs enormous amount of initial investment.

This data will be used to pick up the cost for the project hospital to be equipped urgently which is selected in accordance with the priority of medical services stipulated by the Government of the Republic of the Philippines, superannuating of the hospital and conditions of local medical care and health service.



**STANDARD HOSPITAL**



COST OF STANDARD PLAN

Hospitals	Standards Grade (Sec) ANS. WARD	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	Total
		Building	Mechanical	Electrical	Site Development	Medical Equipment	Miscellaneous	Medical Equipment	Medical Equipment											
450B Standard	300	41,257	13,895	9,366	1,278	11,247	51,316	65,796		1.5 (987)	(50,078)	68,737	23,150	15,605	2,129	18,738				128,359
100B Standard	300	31,776	11,635	7,254	1,150	10,663	43,761	51,915		1.5 (779)	(40,421)	52,964	19,390	12,255	1,916	17,776				104,285
200B Standard	200	20,851	8,627	5,173	995	6,828	28,315	35,646		1.5 (535)	(37,638)	34,751	14,378	8,622	1,658	11,380				70,789
100B Standard	100	10,815	6,403	3,614	693	4,528	17,351	12,525		1.5 (323)	(16,934)	18,018	10,667	6,021	1,154	7,544				43,404
I																				
1. Pangasinan NC																				
2. Batoc PH																				
3. Baguio NC																				
4. Banguet PH																				
5. La Union PH																				
6. Abra PH																				
7. Gabriela Silang PH																				
8. Don Mariano Marcos MI																				
9. Ilocos Norte PH																				
II																				
1. Cagayan MI																				
2. Cagayan Marabak I																				
3. Kalinga-Apayao PH																				
4. Cagayan PH																				
5. Isabela PH																				
6. Quirino PH																				
7. Iligan PH																				
8. Mt. P. Marcos XI																				
9. Nueva Viscaya PH																				
10. Batanes PH																				
Total																				

Based on the Prices of August 1 '79

P = (A+B+C+D+E) + 5(A+B+C+D) + 1  
 = (A+B)(A-B+C+D+E) + Y(A-B+C+D) + 5 + YG(O.65H+6)

H: Facility G: Civil work

A: Arch. & Engineering 10% + Consultant Fee 5% + Supervision 5% + Administration 5% = 25%

B: Physical Contingency 10% + Price Contingency 30% = 40%

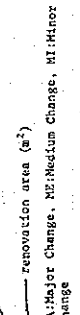
Y: Local revise (1.5%, 3.0%, 5.4%, 11.2%)

6: Surveying & Subsoil exploration + water Source and Quality Survey.

Q + R = 65%

LIST OF FLOOR AREA

Hospital Name	A. Main Buildings			B. Service			C. Artillery			D. Doctor Quarters			E. Dormitory			F. Demolish			G. A+B+C			H. H.			I. C+H			Grand Total			
	new	old	Total	new	old	Total	new	old	Total	new	old	Total	new	old	Total	new	old	Total	new	old	Total	new	old	Total	new	old	Total				
NS-35 450 <sup>B</sup> Standard	2,220	1,110	3,330	700	340	1,040	90	90	180	2,320	220	2,540	1,110	210	1,320	19,660	3,860	23,520	17,520	17,520	35,040	17,520	17,520	35,040	17,520	17,520	35,040	17,520	17,520	35,040	
200 <sup>B</sup> Standard	2,220	1,110	3,330	500	300	800	90	90	180	1,480	220	1,700	770	160	930	10,700	2,620	13,320	13,320	13,320	26,640	13,320	13,320	26,640	13,320	13,320	26,640	13,320	13,320	26,640	
100 <sup>B</sup> Standard	770	380	1,150	290	250	540	40	40	80	420	170	590	280	120	400	3,950	970	4,920	4,920	4,920	9,840	4,920	4,920	9,840	4,920	4,920	9,840	4,920	4,920	9,840	
I 1 Pangasinan HC (450 <sup>B</sup> )	2,220	1,110	3,330	700	340	1,040	90	90	180	2,320	220	2,540	1,110	210	1,320	13,920	3,860	17,780	17,780	17,780	35,560	17,780	17,780	35,560	17,780	17,780	35,560	17,780	17,780	35,560	
2 Bontoc P.H. (100 <sup>B</sup> )	300	150	450	290	290	580	80	80	160	420	110	530	260	120	380	750	1,360	1,610	1,610	1,610	3,220	1,610	1,610	3,220	1,610	1,610	3,220	1,610	1,610	3,220	
3 Baguio MC (450 <sup>B</sup> )	2,600	1,401	4,001	790	360	1,150	90	90	180	2,800	110	2,910	1,110	210	1,320	1,450	6,970	6,910	13,880	13,880	13,880	27,760	13,880	13,880	27,760	13,880	13,880	27,760	13,880	13,880	27,760
4 Benguet P.H. (100 <sup>B</sup> )	770	380	1,150	290	250	540	40	40	80	420	170	590	310	120	430	3,720	590	4,310	4,310	4,310	8,620	4,310	4,310	8,620	4,310	4,310	8,620	4,310	4,310	8,620	
5 La Union RR (250 <sup>B</sup> )	1,690	420	2,110	390	250	640	50	50	100	420	100	520	460	120	580	700	5,750	510	6,260	6,260	6,260	12,520	6,260	6,260	12,520	6,260	6,260	12,520	6,260	6,260	12,520
6 Abra PH (100 <sup>B</sup> )	800	340	1,140	290	250	540	40	40	80	420	170	590	260	120	380	1,500	1,480	2,980	2,980	2,980	5,960	2,980	2,980	5,960	2,980	2,980	5,960	2,980	2,980	5,960	
7 Gabriela Silang P.H. (100 <sup>B</sup> )	770	380	1,150	290	250	540	40	40	80	420	170	590	260	120	380	2,240	3,950	6,190	6,190	6,190	12,380	6,190	6,190	12,380	6,190	6,190	12,380	6,190	6,190	12,380	
8 Don Mariano Marcos M.H. (100 <sup>B</sup> )	1,590	630	2,220	430	340	770	50	50	100	420	170	590	130	420	550	60	6,720	1,130	7,850	7,850	15,700	7,850	7,850	15,700	7,850	7,850	15,700	7,850	7,850	15,700	
9 Ilocos Norte P.H. (200 <sup>B</sup> )	2,220	1,110	3,330	500	340	840	90	90	180	2,320	220	2,540	420	160	580	1,100	4,580	340	4,920	4,920	9,840	4,920	4,920	9,840	4,920	4,920	9,840	4,920	4,920	9,840	
10 Cagayan PH (300 <sup>B</sup> )	770	380	1,150	290	250	540	40	40	80	420	170	590	260	120	380	10,700	2,620	13,320	13,320	13,320	26,640	13,320	13,320	26,640	13,320	13,320	26,640	13,320	13,320	26,640	
3 Kalinga Apayao PH (100 <sup>B</sup> )	770	380	1,150	290	250	540	40	40	80	420	170	590	120	40	160	240	2,310	600	2,910	2,910	5,820	2,910	2,910	5,820	2,910	2,910	5,820	2,910	2,910	5,820	
4 Cagayan PH (100 <sup>B</sup> )	770	380	1,150	290	250	540	40	40	80	420	170	590	260	120	380	3,990	970	4,960	4,960	4,960	9,920	4,960	4,960	9,920	4,960	4,960	9,920	4,960	4,960	9,920	
5 Isabela PH (150 <sup>B</sup> )	770	380	1,150	290	250	540	40	40	80	420	170	590	260	120	380	2,800	670	3,470	3,470	3,470	6,940	3,470	3,470	6,940	3,470	3,470	6,940	3,470	3,470	6,940	
6 Quirino PH (100 <sup>B</sup> )	770	380	1,150	290	250	540	40	40	80	420	170	590	260	120	380	1,030	2,530	240	1,010	1,010	2,020	2,020	2,020	4,040	2,020	2,020	4,040	2,020	2,020	4,040	
7 Ifugao PH (100 <sup>B</sup> )	770	380	1,150	290	250	540	40	40	80	420	170	590	300	120	420	3,190	1,030	4,220	4,220	4,220	8,440	4,220	4,220	8,440	4,220	4,220	8,440	4,220	4,220	8,440	
8 Maj. Marcos Veteran M. (150 <sup>B</sup> )	960	840	1,800	290	180	470	40	40	80	420	150	570	360	120	480	700	4,600	1,140	5,740	5,740	11,480	5,740	5,740	11,480	5,740	5,740	11,480	5,740	5,740	11,480	
9 Nueva Vizcaya PH (100 <sup>B</sup> )	590	360	950	250	40	290	40	40	80	420	170	590	480	5	485	340	1,930	590	2,420	2,420	4,840	2,420	2,420	4,840	2,420	2,420	4,840	2,420	2,420	4,840	
10 Socrates PH (75 <sup>B</sup> )	530	170	700	250	260	510	20	20	40	420	150	570	150	20	170	560	1,210	990	2,200	2,200	4,400	2,200	2,200	4,400	2,200	2,200	4,400	2,200	2,200	4,400	
<p>Region I: 8,610 new, 39,920 old, 48,530 total</p> <p>Region II: 2,450 new, 29,010 old, 31,460 total</p> <p>Total: 11,060 new, 69,530 old, 80,590 total</p>																															



100 BEDS' STANDARD

Total Cost : 1,000 Pesos  
 Unit Cost : Pieces  
 Cost Including Price Increase : During the term of March - August - 1979.

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL	
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER					
Floor Area (M <sup>2</sup> ) or Number of Unit		770	380	370	1,320 (503x2)		290	250	40	(OC)	170	(CH)	60 (F)	320	(F)	260	4,560
													(C)	110 (S)	100	(M)	120
Unit Cost	New Construction Major Renovation Medium Renovation Minor Renovation No Renovation	2,400	2,200	2,200	2,100		2,000	1,600	2,400		710						
	Building Cost	1,848	836	814	2,772		580	400	96		121		375	840		722	9,404
	Foundation Cost etc.																
	Demolish Cost																
	Sub-Total	1,848	836	814	2,772		580	400	96		121		375	840		722	9,404
	Cost Including Price Increase ①																10,815
Inside Plumbing	Floor Area (M <sup>2</sup> ) or Number of Unit	770	380	370	1,320		290	250	40				(3T)	(9T)	(2T)		
															13,000	27,000	
	Unit Cost	116	187		85		114	72					39	117	54		
	Cost	89	71		112		33	18									
	Outside Plumbing																
	Deep Well Unit																1,211
	Water Tank Unit																195
	Water Pump Unit																279
	Sewage Treatment Tank Unit																424
	Kitchen System																1,891
	Laundry System																261
	Garbage Furnace Unit																417
	Fire Extinguisher																106
	Air Conditioning																23
	Sub-Total																589
	Cost Including Price Increase ②																5,929
																	6,403

100 BEDS STANDARD

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

SECTION ITEMS	MAIN BUILDINGS				WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER			
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	272	102	70	223		71	119			35	86	77	1,055	
	Generator & Distribution				15KVX2 SETS 75KVX1 SET									1,823	
	Outside Wiring													500	
	Sub-Total													3,378	
Cost Including Price Increase (2)														3,614	
Site Development Work															
DO- Cost Including Price Increase (4)														603	
Civil Work Total (1) + (2) + (3) + (4)														693	
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,769	464	103	352		78	174	198					4,138	
	Medical Gas Plumbing	258												258	
	Sub-Total													4,396	
	Cost Including Price Increase (5)													4,528	
Facility Total (1) + (2) + (3) + (4) + (5)														26,053	
MISCELLANEOUS															
Surveying Soilexploration Water Source & Quality Survey														93	
Architect Engineering & Supervision				Facility total										3,908	
Medical Consultant				Facility total										1,303	
Administration				Facility total										1,303	
Local Repair & Freight Repair				Local Repair Civil work										323	
Physical Contingency				Facility total										2,605	
Price Contingency				Facility total										7,816	
Miscellaneous Total				Facility total										17,351	
GRAND TOTAL														43,404	



Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term  
 of March - August - 1979.

200 BEDS - STANDARD

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
Floor Area (M <sup>2</sup> ) or Number of Unit		1,590	740	740	2,900 (50Bx2)			390	250	50 (G)	380 (CH)	60 (F)	680 (S)	200 (15+4)	(F) 430 (M) 120 (10U+3T)	8,700	
	Unit Cost	2,300	2,100	2,100	2,000			2,000	1,600	2,400	710 (C)	2,400 (CH)	1,950 (F)	1,950 (S)	(F) 1,850 (M) 1,850	(7,050)	
	Building Cost	3,657	1,554	1,554	5,800			780	400	120	286	480	1,716	1,018	17,365		
	Foundation Cost etc.	183	78	78	290								86	51	766		
	Demolish Cost																
	Sub-Total	3,840	1,632	1,632	6,090			780	400	120	286	480	1,802	1,069	18,131		
	Cost Including Price Increase ①														20,851		
Inside Plumbing		1,590	740	740	2,900			390	250	50							
	Unit Cost	96	164		77			110	92						(3T)		
Outside Plumbing		152	121		224			43	23						81		
	Unit Cost																
	Deep Well Unit														1,454		
	Water Tank Unit														195		
	Sewage Treatment Tank Unit														545		
	Kitchen System														424		
	Laundry System														2,409		
	Garbage Furnace Unit														357		
	Fire Extinguisher														700		
	Air Conditioning														120		
	Sub-Total														29		
	Cost Including Price Increase ②														812		
															7,988		
															8,627		

200 BEDS' STANDARD

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term of March - August - 1979.

ITEMS	SECTION	MAIN BUILDINGS						SERVICE			OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC		I	II		MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER			
Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	ELECTRICAL WORK	540	202	135	440			138	238				52	210		131	2,086
Generator & Distribution																	1,899
Outside Wiring																	850
Sub-Total																	4,835
Cost Including Price Increase ③																	5,173
Site Development Work																	865
DO- Cost Including Price Increase ④																	995
Civil Work Total ①+②+③+④																	35,646
Medical Equipment & Furniture	MEDICAL EQUIPMENT	4,200	574	103	837			205	188		197						6,304
Medical Gas Plumbing		325															325
Sub-Total																	6,629
Cost Including Price Increase ⑤																	6,828
Facility Total ①+②+③+④+⑤																	42,474
Surveying Soil Exploration Water Source & Quality Survey Architect Engineering & Supervision	MISCELLANEOUS																172
Medical Consultant																	6,371
Administration																	2,124
Local Review & Freight Revise																	2,124
Physical Contingency																	535
Price Contingency																4,247	
Miscellaneous Total																	12,740
GRAND TOTAL																	28,315
																	70,789

Total Cost : 1,000 Pesos  
 Unit Cost : :  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

300 BEDS STANDARD

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(F)	(M)		
Floor Area (M <sup>2</sup> ) or Number of Unit		2,220	1,110	1,030	4,740 (50Bx6)			500	340	90	(OC) (G) (B)	620 10 40	(F) (S) (24+8)	1,090 390	770 160	13,330	
	Unit Cost	2,300	2,100	2,100	2,000			2,000	1,600	2,400	(OC) (G) (B)	710 1,600	(F) (S) (1,950)	1,950 1,950	1,850 1,850	(10,700)	
Building Cost		5,106	2,331	2,163	9,480		1,000	544	216				2,887	1,720	26,447		
Foundation Cost etc.		255	117	108	474								144	86	1,184		
Demolish Cost																	
Sub-Total		5,361	2,448	2,271	9,954		1,000	544	216				3,031	1,806	27,631		
Cost Including Price Increase	①														31,776		
MECHANICAL WORK	Inside Plumbing	Floor Area (M <sup>2</sup> )	2,220	1,110	1,030	4,740		500	340	90					(4T)		
		Number of Unit							120	94					13,000	27,000	
	Unit Cost	109	174		71			60	32					52	416	1,438	
	Cost	241	193		336											1,696	
	Outside Plumbing															255	
	Deep Well Unit															820	
	Water Tank Unit															591	
	Water Pump Unit															3,291	
	Sewage Treatment Tank Unit															475	
	Kitchen System															834	
Laundry System															218		
Garbage Furnace Unit															32		
Fire Extinguisher															1,103		
Air Conditioning															10,773		
Sub-Total															11,635		
Cost Including Price Increase	②																

300 BEDS' STANDARD

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1973.

ITEMS	SECTION	MAIN BUILDINGS					WORD			SERVICE			OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER								
Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Incephone, Nurse Call & Others	ELECTRICAL WORK	815	346	212	673		213	357							50	334			210	3,210
Generator & Distribution																				2,313
Outside Wiring																				1,950
Sub-Total																				6,873
Cost Including Price Increase ③																				7,354
Site Development Work																				1,000
Cost Including Price Increase ④																				1,150
Civil Work Total ①+②+③+④																				51,915
Medical Equipment & Furniture		MEDICAL EQUIPMENT	7,002	1,017	171	1,133		252	195	198										9,969
Medical Gas Plumbing			383																	383
Sub-Total																				10,352
Cost Including Price Increase ⑤																				10,663
Facility Total ①+②+③+④+⑤																			62,578	
Surveying Soil Exploration Water Sources & Quality Survey	MISCELLANEOUS																		252	
Architect Engineering & Supervision																			9,387	
Medical Consultant																			3,129	
Administration																			3,129	
Local Rates & Freight Revise																			779	
Physical Contingency																		6,258		
Price Contingency																		18,773		
Miscellaneous Total																		41,707		
GRAND TOTAL																			104,285	

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Including Price Increase : of March - August - 1979.

450 BEDS' STANDARD

SECTION ITEM	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	(OC) (G) (B)	(CH) (C)	(1+3)	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(F) (M)		
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	2,220	1,110	1,030	7,190		700	340	90				60 (F) 160 (S) 40 (M)	1,730 (F) 590 (M)	1,110 (F) 210 (M)	17,520
	New Construction Major Renovation Medium Renovation Minor Renovation No Renovation	2,300	2,100	2,100	2,000		2,000	1,600	2,400							(13,660)
	Unit Cost															
	Building Cost	5,106	2,331	2,163	14,380		1,400	544	216					4,525	2,443	34,328
	Foundation Cost etc.	255	117	108	719								227		122	1,548
	Demolish Cost															
	Sub-Total	5,361	2,448	2,271	15,099		1,400	544	216			480	4,752		2,565	35,876
	Cost Including Price Increase ①															41,257
MECHANICAL WORK	Inside Plumbing	2,220	1,110	1,030	7,190		700	340	90				(50T)		(6T)	
	Unit Cost	109	174		70		114	126					13,000		27,000	
	Cost	241	193		502		80	43				52	650		162	1,923
	Outside Plumbing															1,817
	Deep Well Unit															255
	Water Tank Unit															857
	Water Pump Unit															591
	Sewage Treatment Tank Unit															4,447
	Kitchen System															585
Laundry System															973	
Garbage Furnace Unit															279	
Fire Extinguisher															36	
Air Conditioning															1,103	
Sub-Total																12,866
Cost Including Price Increase ②					870M <sup>2</sup> × 1,268P/M <sup>2</sup>											13,895

450 BEDS' STANDARD

Total Cost : 1,000 Pesos  
 Unit Cost :  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

SECTION ITEMS	MAIN BUILDINGS						RESIDENCE			DORMITORY	TOTAL		
	ANC.	OPD.	ADM.	WARD	WC	SERVICE I	II	OTHER	CHIEF'S RESIDENCE			DOCTOR'S QUARTER	
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	1,098	408	289	915		60	476		45	475	271	4,037
	Generator & Distribution												2,313
	Outside Wiring												2,403
	Sub-Total												8,753
Cost Including Price Increase ③													9,366
Site Development Work											1,111		
-DO- Cost Including Price Increase ④													1,278
Civil Work Total ① + ② + ③ + ④											65,796		
MEDICAL EQUIPMENT	Medical Equipment & Furniture	7,002	1,017	171	1,700		252	196	198				10,536
	Medical Gas Plumbing	383											383
	Sub-Total												10,919
Cost Including Price Increase ⑤													11,247
Facility Total ① + ② + ③ + ④ + ⑤											77,043		
MISCELLANEOUS	Surveying Soilexploration Water Sources & Quality Survey												252
	Architect Engineering & Supervision												11,556
	Medical Consultant												3,852
	Administration												3,852
	Local Revise & Freight Revise												987
	Physical Contingency												7,704
Price Contingency												23,113	
Miscellaneous Total													51,316
GRAND TOTAL													128,359

**PROJECT HOSPITAL**

**PLAN I**





PLAN (I) COST FOR EACH HOSPITAL

(P1,000)

Hospital	Standard Grade (Bed) ANE WARD	A Building	B Mechanical	C Electrical	D Site Development	E Medical Equipment	F Miscellaneous YCHC-65H-6	G A+B+C+D	H G+H (0.65H)	I A $A(1 + \frac{I}{H})$	J E $E(1 + \frac{I}{H})$	K C $C(1 + \frac{I}{H})$	L D $D(1 + \frac{I}{H})$	M E $E(1 + \frac{I}{H})$	N Total $A+B+C+D+E+I+J+K+L+M$ $= A + B + C + D + E$
4503 Standard	300 450	40,103	14,495	8,596	2,083	11,247	51,034	65,277	(49,741)	314	66,848	24,162	3,472	28,748	127,559
3008 Standard	300 300	4,590	6,137	3,125	64	4,528	12,535	13,916	(11,989)	129	7,709	10,308	107	7,605	30,978
2008 Standard	200 200	21,229	5,590	5,892	191	11,247	29,368	32,902	(28,697)	177	35,351	9,308	318	18,729	73,517
1008 Standard	100 100	10,773	6,329	3,919	1,332	4,528	17,949	22,353	(17,473)	141	17,966	10,555	2,221	7,551	44,829
1. Pangasinan	300 450	17,834	11,701	5,145	1,187	7,104	28,683	35,867	(27,939)	214	29,738	19,511	1,979	11,846	71,653
2. Abra	100 100	6,784	6,521	3,290	47	4,528	14,112	16,642	(13,761)	101	11,306	10,868	78	7,546	35,281
3. Gabriela	100 100	10,866	6,403	3,606	630	4,528	17,178	21,505	(16,921)	134	18,119	10,677	1,051	7,551	42,411
4. Don Mariano	150 100	177	4,469	2,507	240	5,994	8,927	7,399	(8,702)	14	294	7,415	398	9,946	22,213
5. Narcos NH	200 200	12,586	8,160	4,367	105	6,828	21,385	25,218	(20,830)	177	20,985	13,605	175	11,384	53,430
6. Cagayan	300 300	31,500	12,109	5,584	1,136	10,663	42,677	50,329	(39,645)	314	53,541	20,582	1,931	18,124	103,669
7. Cagayan	100 150	2,980	1,139	281	132	2,510	4,822	4,532	(4,577)	0	5,021	1,919	222	4,229	11,864
8. Kalinga-Apayao	100 100	7,943	6,815	3,758	440	4,528	16,435	18,956	(15,285)	149	13,502	11,584	748	7,697	36,919
9. Cagayan	100 100	10,815	6,403	3,634	692	4,528	18,240	21,525	(16,934)	144	18,387	10,886	2,128	7,698	44,293
10. Isabela	100 150	9,601	8,663	4,989	515	4,777	19,990	23,768	(18,554)	153	16,325	14,730	876	8,122	48,536
11. Quirino	100 100	9,304	8,575	4,779	386	4,528	19,238	23,044	(17,922)	122	15,813	14,574	656	7,696	46,861
12. Ifugao	100 100	10,286	6,607	5,172	746	4,528	19,116	22,811	(17,770)	114	17,478	11,227	1,268	7,694	46,455
13. Maj. F.	150 150	3,758	7,213	4,420	996	6,175	15,839	16,387	(14,665)	289	6,396	12,277	7,523	10,510	36,401
14. Narcos NH	100 100	6,829	6,036	4,277	190	4,528	15,252	17,332	(14,209)	107	11,594	10,247	323	7,687	37,112
15. Nueva Vizcaya	75 75	4,062	5,359	4,329	39	4,437	13,482	13,789	(11,847)	91	7,067	9,323	68	7,719	31,708
16. Batanes		222,020	138,724	81,650	11,152	111,734	386,412	453,546	(387,441)	2,684	373,440	233,758	137,845	188,082	951,688
Total															

\* Based on the prices of August 1 '79  
 a: Arch. & Engineering 10% + Consultant fee 5% + Supervision 5% + Administration 5% = 25%  
 b: Physical Contingency 10% + Price Contingency 30% = 40%  
 c: Local revise (1.5%, 3.0%, 5.4%, 11.2%)  
 d: Surveying & Subsoil exploration + Water Source and Quality Survey.  
 e + f + g = 65%

H: Facility G: Civil work





Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term of March - August - 1979.

I-1 PANGASINAN MEDICAL CENTER (450 BEDS)

ITEM	SECTION	MAIN BUILDINGS					WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER					
Floor Area (M <sup>2</sup> )		2,220	1,110	1,030	6,390 (50Bx8) (NE) 940 (50Bx1)		700	340		(OC) 1,090 (G) 10 (B) 40			(F) 1,730 (S) 590	(F) 2,110 (M) 210	17,820		
Number of Unit														(21U+4T) (4U+2T)	(13,960)		
Unit Cost	New Construction Major Renovation Medium Renovation Minor Renovation No Renovation	2,300	2,100	2,100	2,000		2,000	1,600		(OC) 710 (G) 1,600 (B) 1,600			(38+12) 1,950	1,850			
Building Cost		5,106	2,331	2,163	13,626		1,400	544		570			4,525	2,443	33,404		
Foundation Cost etc.		255	117	108	639								227	122	1,468		
Demolish Cost																	
Sub-Total		5,361	2,448	2,271	14,265		1,400	544		570			4,752	2,565	34,872		
Cost Including Price Increase ①															40,103		
Inside Plumbing		2,220	1,110	1,030	6,390 940		700	340		(4T)			(6T)				
Floor Area (M <sup>2</sup> ) or Number of Unit																	
Unit Cost		109	174		69		114	126		13,000			27,000				
Cost		241	193		502		80	43		52			162		1,923		
Outside Plumbing															2,255		
Deep Well Unit					ø200RM 4.00L/Mx4.5M+4.00L/Mx4.0Mx7.5M WELL										351		
Water Tank Unit					FRP 60M <sup>3</sup> x2										858		
Water Pump Unit					200L/Mx30Mx3.7Mx2+200L/Mx30Mx3.7Mx2										591		
Sewage Treatment Tank Unit					300M <sup>3</sup> /DAY										4,447		
Kitchen System															585		
Laundry System															973		
Garbage Furnace Unit															279		
Fire Extinguisher															56		
Air Conditioning		1,103													1,103		
Sub-Total															13,421		
Cost Including Price Increase ②															14,495		

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

I-1 PANGASINAN MEDICAL CENTER

ITEMS	SECTION	MAIN BUILDINGS					WORD			SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL	
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER							
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	640	242	230	1,027		132	66	16	215	42	441					267	3,318	
																			2,313
																			2,403
																			8,034
																			8,596
		Cost Including Price Increase ③																	
		Site Development Work																	
		50,000m <sup>2</sup> (GARDEN) 77,000m <sup>2</sup> (ROAD) 9,750m <sup>2</sup>																	
		Cost Including Price Increase ④																	
		Civil Work Total																	
		① + ② + ③ + ④																	
MEDICAL EQUIPMENT	Medical Equipment & Furniture	7,002	1,017	171	1,700		252	196	198									10,536	
																		383	
																		10,919	
																			11,247
																			76,524
		Cost Including Price Increase ⑤																	
		Facility Total																	
		① + ② + ③ + ④ + ⑤																	
		(SUR) 60,000m <sup>2</sup> × 1.5P/m <sup>2</sup> (WATER) 14,000P (EXP) 6 POINTS																	
MISCELLANEOUS	Architect Engineering & Supervision Medical Consultant Administration Local Revisa & Freight Revise Physical Contingency Price Contingency	Facility total × 15%																	
		Facility total × 5%																	
		Facility total × 5%																	
		Local Revisa & Freight Revise × 1.5%																	
		Physical Contingency × 10%																	
		Price Contingency × 30%																	
		Miscellaneous Total																	
		GRAND TOTAL																	
		51,034																	
		127,558																	

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase of March - August - 1979.

I-2 BONTOC PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE			OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(F) 320 (S) 100	(F) 260 (M) 120 (50+17) (74+17)				
BUILDING WORK	Floor Area (M <sup>2</sup> )	(ME) 50					290	180	(OC) 280	(C) 110	(F) 320	(F) 260					3,180	
	Number of Unit	(MI) 120	(MI) 290	(NO) 380	(ME) 640			(ME) 50		(ME) 170	(S) 100	(M) 120					1,360	
	Unit Cost	(NO) 300			(NO) 680		2,000	1,600	(OC) 710	(CH) 112	(74+17)	1,950	1,900				4,540	
										(C) 2,100 (ME) 920 (CH)							(3,460)	
	New Construction																	
	Major Renovation																	
	Medium Renovation	(ME) 1,150			(ME) 900			(ME) 1,150										
	Minor Renovation	(MI) 470																
	No Renovation																	
	Building Cost	137	136		576		580	310	58	199	387	819	722				3,924	
	Foundation Cost etc.											41					41	
	Demolish Cost					(1,300x20)			26								26	
	Sub-Total	137	136		576		580	310	58	225	387	860	722				3,991	
	Cost including Price Increase ①																4,590	
MECHANICAL WORK	Inside Plumbing																	
	Floor Area (M <sup>2</sup> )																	
	Number of Unit																	
	Unit Cost																	
	Cost	89	71		112		33	18				117	54				533	
	Outside Plumbing																1,090	
	Deep Well Unit																195	
	Water Tank Unit																279	
	Water Pump Unit																424	
	Sewage Treatment Tank Unit																1,891	
	Kitchen System																261	
	Laundry System																417	
Garbage Furnace Unit																106		
Fire Extinguisher																14		
Air Conditioning																472		
Sub-Total																	5,682	
Cost including Price Increase ②																	6,137	

Total Cost : 1,000 Pesos  
 Unit Cost : During the term  
 Cost : Including Price Increase of March - August - 1979.

1-2 BUNTOC PROVINCIAL HOSPITAL

SECTION	ITEMS	MAIN BUILDINGS				WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORSUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, In-telephone, Nurse Call & Others	51	60		129		66	68	6	40	40	54	48	561		
	Generator & Distribution													1,823		
	Outside Wiring													344		
	Sub-Total													2,921		
	Cost Including Price Increase ③													3,125		
	Site Development Work													56		
	Cost Including Price Increase ④													64		
	Civil Work Total ①+②+③+④													13,916		
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,769	464	103	352		78	174	198					4,138		
	Medical Gas Plumbing													258		
	Sub-Total													4,396		
	Cost Including Price Increase ⑤													4,528		
	Facility Total ①+②+③+④+⑤													18,444		
MISCELLANEOUS	Surveying Soitexploration Water Sources & Quality Survey													129		
	Architect Engineering & Supervision													2,767		
	Medical Consultant													922		
	Administration													922		
	Local Reuse & Freight Reuse													417		
	Physical Contingency													1,845		
	Price Contingency													5,533		
	Miscellaneous Total													12,535		
	GRAND TOTAL													30,979		

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term of March - August - 1979.

I-3 BAGUIO GENERAL HOSPITAL & MEDICAL CENTER (450 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(NO)	(NO)		
BUILDING WORK	Floor Area (MF) or Number of Unit	2,600	1,260			1,260		790	360	90	(OC) 560 (C) 10 (B) 40	unknown	unknown	unknown	9,430 (NO) unknown		
		(NO) 140		(NO) 400		(NO) 1,370		2,000	1,600	2,400	(NO) unknown (OC) 710 (G) 1,600 (E) 1,600	(NO)	(NO)	(NO)	(16,340)		
	Unit Cost	2,300	2,100		1,900 (NA) 1,630												
	Building Cost	5,980	2,646		6,404		1,580	576	216	478					17,880		
	Foundation Cost etc.	299	132		120										551		
	Demolish Cost						(1450K <sup>2</sup> × 20)								29		
	Sub-Total	6,279	2,778		6,524		1,580	576	216	507					18,460		
	Cost including Price Increase ①															21,229	
	MECHANICAL WORK	Floor Area (MF) or Number of Unit	2,600	1,260													
			241	193		502			80	43						1,059 1,257	
		Inside Plumbing															
		Outside Plumbing															
		Deep Well Unit															
		Water Tank Unit															
Water Pump Unit																	
Sewage Treatment Tank Unit																	
Kitchen System															585		
Laundry System															973		
Garbage Furnaces Unit															279		
Fire Extinguisher															36		
Air Conditioning		987													987		
Sub-Total															5,176		
Cost including Price Increase ②														5,590			



Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

I-3 BAGIO GENERAL HOSPITAL & MEDICAL CENTER

SECTION	ITEMS	MAIN BUILDINGS					WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER					
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	969	214		612		302	141	13	103							2,354
	Generator & Distribution																2,105
	Outside Wiring																1,048
	Sub-Total																5,507
	Cost Including Price Increase ③																5,892
Site Development Work																	166
Cost Including Price Increase ④																	191
Civil Work Total ①+②+③+④																	32,902
MEDICAL EQUIPMENT	Medical Equipment & Furniture	7,002	1,017	171	1,700		252	196	198								10,536
	Medical Gas Plumbing																383
	Sub-Total																10,919
	Cost Including Price Increase ⑤																11,247
Facility Total ①+②+③+④+⑤																	44,149
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey																177
	Architect Engineering & Supervision																6,623
	Medical Consultants																2,207
	Administration																2,207
	Local Revise & Freight Revise																494
	Physical Contingency																4,415
	Price Contingency																13,245
Miscellaneous Total																29,368	
GRAND TOTAL																	73,517

Total Cost : 1,000 Pesos.  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

I-4 BEAUGUET PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION		MAIN BUILDINGS			WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(C)	(CH)	(F)	(S)		
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	770	380	370	1,130 (50Bx1.5) (ME) 540		290	250	40	490			60 (CH) 110 (C)	320 (F) 100 (S)	430 (ME)	5,280	
	Unit Cost	2,400	2,200	2,200	2,100 (50Bx1)		2,000	1,600	2,400	710			2,400 (CH) 2,100 (C)	2,000	790 (ME)	(4,260)	
	Building Cost	1,848	836	814	2,859		580	400	96	348			375	840	340	9,336	
	Foundation Cost etc.															0	
	Demolish Cost					(1,620x20)				32						32	
Sub-Total	1,848	836	814	2,859		580	400	96	380			375	840	340	9,368		
Cost Including Price Increase ①															10,773		
MECHANICAL WORK	Inside Plumbing	770	380	370	1,130 (ME) 540		290	250									
	Unit Cost																
	Cost	89	71		112		33	18				39	117	54	533		
	Outside Plumbing															1,142	
	Deep Well Unit															195	
	Water Tank Unit															279	
	Water Pump Unit															424	
	Sewage Treatment Tank Unit															1,891	
	Kitchen System															261	
	Laundry System															417	
Garbage Furnace Unit															106		
Fire Extinguisher															23		
Air Conditioning															589		
Sub-Total															5,860		
Cost Including Price Increase ②															6,329		

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term of March - August - 1979.

I-4 BENGUET PROVINCIAL HOSPITAL

ITEMS	SECTION	MAIN BUILDINGS						SERVICE		RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTORS QUARTER		
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	193	143	82	233		52	45	7	82	32	80	86	1,035
		Generator & Distribution												
		Outside Wiring												
		Sub-Total												
	Cost Including Price Increase	③												
	Site Development Work	(GARDEN) 3,300M <sup>2</sup> (ROAD) 3,850M <sup>2</sup>												
	Cost Including Price Increase	④												
	Civil Work Total	① + ② + ③ + ④												
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,769	464	103	352		78	174	198					4,138
		Medical Gas Plumbing												
		Sub-Total												
		Cost Including Price Increase												
	Facility Total	① + ② + ③ + ④ + ⑤												
MISCELLANEOUS	Surveying Soilexploration Water Source & Quality Survey	(SUR) 38,000M <sup>2</sup> x1.5P/M <sup>2</sup> (EXP) 2 POINTS												
		Architect Engineering & Supervision												
		Medical Consultant												
		Administration												
		Local Revise & Freight: Civil work total												
		Physical Contingency												
		Price Contingency												
		Facility total x 15%												
		Facility total x 5%												
		Facility total x 5%												
Facility total x 1.5%														
Facility total x 10%														
Facility total x 30%														
Miscellaneous Total														
GRAND TOTAL														
44,829														

Total Cost : 1,000 Pesos  
 Unit Cost : During the term  
 Cost : Including Price Increase of March - August - 1979.

I-5 LA UNION REGIONAL HOSPITAL (250 BEDS)

ITEM	SECTION	MAIN BUILDINGS			WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
Floor Area (M <sup>2</sup> ) or Number of Unit		1,880			2,900 (503x4)		390	250	50	(OC) 470 (G) 10	(CH) 60 (C) 160	(F) 680 (S) 200	(M) 120 (2U+L)	8,720		
		(ME) 420 (ME) 860	(MI) 470 (NO) 180	(ME) 860	(MI) 470 (NO) 180					(NO) 330 (OC) 710	(1+3)	(15+4)	(F) (NO) 460	(SO) 970 9,690 (8,010)		
Unit Cost	New Construction Major Renovation Medium Renovation Minor Renovation No Renovation	2,300			2,000		2,000	1,600	2,400	(OC) 2,400 (G) 1,600	(CF) 2,400 (C) 2,100	1,950	1,900			
		(ME) 940 (ME) 940	(NI) 450	(ME) 940	(NI) 450											
	Building Cost	3,864	395	808	6,012		780	400	120	350	480	1,716		14,925		
	Foundation Cost etc.	193	-	-	290		-	-	-	-	-	86		569		
	Demolish Cost				(700x20)					14				14		
	Sub-Total	4,057	395	808	6,302		780	400	120	364	480	1,802		15,508		
	Cost Including Price Increase ①													17,834		
Inside Plumbing	Floor Area (M <sup>2</sup> ) or Number of Unit	1,880			2,900 (MI) 470 (NO) 180		390	250	50							
		(ME) 420 (ME) 860	(MI) 470 (NO) 180	(ME) 860	(MI) 470 (NO) 180											
	Unit Cost															
	Cost	241	193		302		60	32				247	27	1,154		
	Sub-Total													2,042		
	Cost Including Price Increase ②													255		
	Water Tank Unit													820		
	Water Pump Unit													592		
	Sewage Treatment Tank Unit													3,291		
	Kitchen System													475		
	Laundry System													854		
	Garbage Furnace Unit													218		
	Fire Extinguisher													30		
	Air Conditioning	1,103												1,103		
	Sub-Total													10,834		
	Cost Including Price Increase ②													11,701		

I-5 LA UNION REGIONAL HOSPITAL

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1978.

SECTION ITEMS	MAIN BUILDINGS				WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	425	160	164	531		70	61	12	118	40	167	24	1,772	
	Generator & Distribution													1,899	
	Outside Wiring													1,137	
	Sub-Total													4,808	
Cost Including Price Increase ③														5,145	
Site Development Work	24,000M <sup>2</sup> x 30P/M <sup>2</sup> (GARDEN) 2,800M <sup>2</sup> (ROAD) 3,900M <sup>2</sup>														
-DO- Cost Including Price Increase ④														1,187	
Civil Work Total ①+②+③+④														35,867	
MEDICAL EQUIPMENT	Medical Equipment & Furniture	4,200	574	103	1,047		205	188	197					6,514	
	Medical Gas Plumbing													383	
	Sub-Total													6,897	
Cost Including Price Increase ⑤														7,104	
Facility Total ①+②+③+④+⑤														42,971	
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey													214	
	Architect Engineering & Supervision													6,445	
	Medical Consultant													2,149	
	Administration													2,149	
	Local Revisé & Freight Revisé													538	
	Physical Contingency													4,297	
Price Contingency													12,891		
Miscellaneous Total														28,683	
GRAND TOTAL														71,654	

I-6 ABRA PROVINCIAL HOSPITAL (100 BEDS)

Total Cost : 1,000 Pesos  
 Unit Cost : During the term  
 Cost of Including Price Increase : of March - August - 1979.

ITEM	SECTION		MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER							
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	800	(NE) 340	(MI) 420	(ME) 60 (MI) 610		290	250	40	(OC) 100	(CH) 60 (C) 110	(F) 320 (S) 100	(F) 260 (M) 120 (50+1T) (20+1T)	3,880 (NO) 100 3,980 (2,910)				
		2,400	(NE) 940	(MI) 470	(ME) 900 (MI) 450		2,000	1,600	2,400	GUEST HOUSE (NO) 100 (OC) 710	(1+2) (CI) 2,400 (C) 2,100	(7+2) 1,950	1,900					
	Building Cost	1,920	320	197	329		580	400	96	71	375	819	722	5,829				
	Foundation Cost etc.												40	40				
	Demolish Cost					(1,500x20)								30				
Sub-Total	1,920	320	197	329		580	400	96	101	375	859	722	5,899					
Cost including Price Increase ①														6,784				
MECHANICAL WORK	Inside Plumbing	Floor Area (M <sup>2</sup> )	800				290	250										
		Number of Unit																
	Unit Cost																	
	Cost	89	71		112		33	18			39	117	54	533				
	Outside Plumbing													1,320				
	Deep Well Unit													195				
	Water Tank Unit													279				
	Water Pump Unit													424				
	Sewage Treatment Tank Unit													1,891				
	Kitchen System													261				
Laundry System													417					
Garbage Furnace Unit													106					
Fire Extinguisher													23					
Air Conditioning													589					
Sub-Total														6,038				
Cost including Price Increase ②														6,521				

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Including Price Increase : of March - August - 1979.

I-6 ABBA PROVINCIAL HOSPITAL

ITEMS	SECTION	MAIN BUILDINGS						SERVICE			OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC		1	11		MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER			
Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	ELECTRICAL WORK	282	94	69	139		89	79		6	18	27	64	59	926		
Generator & Distribution															1,823		
Outside Wiring															326		
Sub-Total															3,075		
Cost Including Price Increase ③															3,290		
Site Development Work															41		
Cost Including Price Increase ④															47		
Civil Work Total ①+②+③+④															16,642		
Medical Equipment & Furniture	MEDICAL EQUIPMENT	2,769	464	103	352		78	174		198					4,138		
Medical Gas Plumbing															258		
Sub-Total															4,396		
Cost Including Price Increase ⑤															4,528		
Facility Total ①+②+③+④+⑤															21,170		
Surveying Soil Exploration Water Source & Quality Survey Architect Engineering & Supervision	MISCELLANEOUS														101		
Medical Consultant															3,175		
Administration															1,059		
Local Revise & Freight; Civil work total															250		
Physical Contingency															2,117		
Price Contingency															6,351		
Miscellaneous Total															14,112		
GRAND TOTAL															35,282		

Total Cost : 1,000 Pesos  
 Unit Cost :  
 Cost : Including Price Increase : During the term of March - August - 1979.

1-7 GABRIELA-SILANG PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE			OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER						
BUILDING WORK	Floor Area (MF) or Number of Unit	770	380	370	1,320		290	250	40	(OC) 170	(CH) 60 (C) 110	(F) 320 (S) 100	(F) 260 (S) 120 (50+11) (20+11)				4,560 (3,590) Chapel is not included	
		2,400	2,200	2,200	2,100		2,000	1,600	2,400	(ND) CHAPEL (OC) 710	(CH) 2,400 (C) 2,100		2.00			1,900		
		1,848	836	814	2,772		580	400	96	121	375	840	722				9,404	
																		0
		1,848	836	814	2,772	(2,240x20)	580	400	96	166	375	840	722				9,449	
	Cost, Including Price Increase																10,866	
MECHANICAL WORK	Plumbing	770	380	370														
		89	71		112		33	18			39	117	54			533		
		Outside Plumbing																
		Deep Well Unit Ø150MM 200L/M <sup>3</sup> 5M+200L/M <sup>3</sup> 40M <sup>3</sup> 3.7KW WELL PUMP																
		Water Tank Unit FRP 30M <sup>3</sup>																
		Water Pump Unit 100L/M <sup>3</sup> 30M <sup>3</sup> 2.2KW+200L/M <sup>3</sup> 30M <sup>3</sup> 3.7KW+200L/M <sup>3</sup> 30M <sup>3</sup> 3.7KW																
		Sewage Treatment Tank Unit 60 M <sup>3</sup> / DAY																
		Kitchen System																
		Laundry System																
		Garbage Furnace Unit																
	Fire Extinguisher																23	
	Air Conditioning																589	
	Sub-Total																5,929	
	Cost, Including Price Increase																6,403	



Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

I-7 GABRIELA-SILANG PROVINCIAL HOSPITAL

ITEMS	MAIN BUILDINGS				WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
ELECTRICAL WORK		270	101	82	220		50	42	6	27	69	27	68	962	
	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others.														
	Generator & Distribution													1,823	
	Outside Wiring													585	
Sub-Total														3,370	
Cost Including Price Increase ③														3,606	
Site Development Work														548	
-DO- Cost Including Price Increase ④														630	
Civil Work Total ①+②+③+④														21,505	
MEDICAL EQUIPMENT		2,769	464	103	352		78	174	198					4,138	
	Medical Equipment & Furniture													258	
	Medical Gas Plumbing													4,396	
	Sub-Total													4,528	
Cost Including Price Increase ⑤														26,033	
Facility Total ①+②+③+④+⑤														26,033	
MISCELLANEOUS	Surveying Site/Exploration Water Source & Quality Survey													134	
	Architect Engineering & Supervision													3,905	
	Medical Consultant													1,302	
	Administration													1,302	
	Local Revise & Freight													322	
	Physical Contingency													2,603	
	Price Contingency													7,810	
Miscellaneous Total														17,378	
GRAND TOTAL														43,411	

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term of March - August - 1979.

I-8 DON MARIANO MARCOS MEMORIAL HOSPITAL (MC) (150 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(NO) 130	(NO) 130		
Floor Area (M <sup>2</sup> ) or Number of Unit		(NO) 2,160			(NO) 1,740 (50Bx2)			(NO) 1,000 POWER HOUSE 60		(ME) 50	(NO) 2870 *3 (NO) 950			(NO) 130	(NO) 130	110 (NO) 7,850 7,960 *4(5,010)	
Unit Cost	New Construction Major Renovation Medium Renovation Minor Renovation No Renovation							1,600		(ME) 1,150							
Building Cost							96		58							154	
Foundation Cost etc.																0	
Demolish Cost																	
Sub-Total							96		58							154	
Cost Including Price Increase	①															177	
Inside Plumbing																	
Floor Area (M <sup>2</sup> ) or Number of Unit																	
Unit Cost																	
Cost								18								18	
Outside Plumbing																	
Deep Well Unit																1,211	
Water Tank Unit																197	
Water Pump Unit																279	
Sewage Treatment Tank Unit																424	
Kitchen System																1,891	
Laundry System																-	
Garbage Furnace Unit																-	
Fire Extinguisher																106	
Air Conditioning																14	
Sub-Total																4,138	
Cost Including Price Increase	②															4,469	

\*2. Training center in 5F of new building.  
 \*3. " " in existing building.  
 \*4. Training facilities are not included.

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term  
 of March - August - 1979.

I-8 DON MARIANO MARCOS MEMORIAL HOSPITAL (MC)

ITEMS	SECTION	MAIN BUILDINGS					SERVICE		RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	1	11	MORGUE	OTHER	CHIEF'S RESIDENCE		
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others							9	8				17
	Generator & Distribution												1,823
	Outside Wiring												503
	Sub-Total												2,343
	Cost Including Price Increase (3)												2,507
	Site Development Work												209
	DO - Cost Including Price Increase (4)												240
	Civil Work Total (1)+(2)+(3)+(4)												7,993
MEDICAL EQUIPMENT	Medical Equipment & Furniture	4,200	574	103	353		205	188	198				5,820
	Medical Gas Plumbing												-
	Sub-Total												5,820
	Cost Including Price Increase (5)												5,994
	Facility Total (1)+(2)+(3)+(4)+(5)												12,387
MISCELLANEOUS	Surveying Soil/Exploration Water Source & Quality Survey												14
	Architect Engineering & Supervision												2,008
	Medical Consultant												669
	Administration												669
	Local Revise & Freight/Revise												111
	Physical Contingency												1,339
	Price Contingency												4,016
	Miscellaneous Total												8,826
	GRAND TOTAL												22,213

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 including Price Increase : of March - August - 1979.

I-9 ILOCOS NORTE PROVINCIAL HOSPITAL (200 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER					
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	1,590	(ME) 630	(ME) 650	2,230			430	50	(OC) 270 (G) 10	(CH)					5,950	
										CLASSROOM	(ME) 90					(NO) 860	
											(NO) 100	(1)				6,810	
										2,400	(OC) 710 (G) 1,600	(ME) 1,110				(NO) 420	(6,300)
		2,300	(ME) 940	(ME) 940	2,000			1,700									
	Building Cost	3,657	592	611	4,460			731	120	208	100				10,479		
	Foundation Cost etc.	183			223			37		22					443		
	Demolish Cost														22		
	Sub-Total	3,840	592	611	4,683			768	120	230	100				10,944		
	Cost including Price Increase ①														12,586		
MECHANICAL WORK	Inside Plumbing	1,590	(ME) 630	(ME) 650	2,230			430	50								
	Outside Plumbing																
	Deep Well Unit														195		
	Water Tank Unit														545		
	Water Pump Unit														424		
	Sewage Treatment Tank Unit														2,409		
	Kitchen System														357		
	Laundry System														700		
	Garbage Furnaces Unit														120		
	Fire Extinguisher														19		
	Air Conditioning														812		
	Sub-Total														7,556		
	Cost including Price Increase ②														8,160		

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

I-9 ILUCOS NORTE PROVINCIAL HOSPITAL

ITEMS	SECTION		MAIN BUILDINGS					WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER							
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment, Telephone, Speaker, Interphone, Nurse Call & Others	536	131	153	432		78	8	50	20						1,408		
	Generator & Distribution															1,899		
	Outside Wiring															522		
	Sub-Total															4,081		
	Cost Including Price Increase ③															4,367		
Site Development Work																		
- DO- Cost Including Price Increase ④																		
Civil Work Total ①+②+③+④																		
MEDICAL EQUIPMENT	Medical Equipment & Furniture	4,200	574	103	837		205	188	197							6,304		
	Medical Gas Plumbing															325		
	Sub-Total															6,629		
	Cost Including Price Increase ⑤															6,828		
	Facility Total ①+②+③+④+⑤															32,046		
MISCELLANEOUS	Surveying, Soil Exploration, Water Sources & Quality Survey															177		
	Architect Engineering & Supervision															4,807		
	Medical Consultant															1,602		
	Administration															1,602		
	Local Revise & Freight; Civil Work Total															378		
Physical Contingency															3,205			
Price Contingency															9,614			
Miscellaneous Total															21,385			
GRAND TOTAL															53,431			

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Including Price Increase : of March - August - 1979.

II-1 LAGAYAN REGIONAL HOSPITAL (300 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER					
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	2,220	1,110	1,030	4,740		500	340	90	(OC) 620 (C) 10 (P) 40	(CH) 60 (C) 160	(F) 1,090 (S) 390	(F) 770 (M) 160	13,330			
					(503x6)								(15U+3T) (3U+1T)	(10,700)			
		2,300	2,100	2,100	2,000		2,000	1,600	2,400	(OC) 710 (C) 1,600 (S) 1,600	(1+3) (CH) 2,400 (C) 2,100	(24+8) 1,950	1,850				
		Unit Cost															
	Building Cost	5,106	2,331	2,163	9,480		1,000	544	216	520	480	2,887	1,480	26,207			
	Foundation Cost etc.	255	117	108	474		-	-	-	-	-	144	86	1,184			
	Demolish Cost																
	Sub-Total	5,361	2,448	2,271	9,954		1,000	544	216	520	480	3,031	1,566	27,391			
	Cost including Price Increase ①													31,500			
MECHANICAL WORK	Inside Plumbing	Floor Area (M <sup>2</sup> )															
		Number of Unit															
		Unit Cost															
		Cost	241	193		336		60	32				416	108	1,438		
	Outside Plumbing													2,026			
	Deep Well Unit													351			
	Water Tank Unit													820			
	Water Pump Unit													592			
	Sewage Treatment Tank Unit													3,291			
	Kitchen System													475			
Laundry System													854				
Garbage Furnace Unit													218				
Fire Extinguisher													45				
Air Conditioning													1,103				
Sub-Total														11,213			
Cost including Price Increase ②														12,109			

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Cost : Including Price Increase  
 of March - August - 1979.

II-1 CAGAYAN REGIONAL HOSPITAL

ITEMS	SECTION				MAIN BUILDINGS				WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER								
ELECTRICAL WORK	Lighting & Power Supply for Mach. Equipment, Telephone, Speaker, Interphone, Nurse Call & Others	639	232	226	664		90	62	18	114	44	296					186	2,571	
	Generator & Distribution																	2,105	
	Outside Wiring																	543	
	Sub-Total																	5,219	
Cost Including Price Increase ③																		5,584	
Site Development Work																		988	
Cost Including Price Increase ④																		1,136	
Civil Work Total ①+②+③+④																		50,329	
MEDICAL EQUIPMENT	Medical Equipment & Furniture	7,002	1,018	171	1,133		253	196	198									9,969	
	Medical Gas Plumbing																	383	
	Sub-Total																	10,352	
	Cost Including Price Increase ⑤																	10,663	
Facility Total ①+②+③+④+⑤																		60,992	
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey																	314	
	Architect Engineering & Supervision																	9,149	
	Medical Consultant																	3,050	
	Administration																	3,050	
	Local Revise & Freight Revise																	2,718	
	Physical Contingency																	6,099	
Price Contingency																	18,297		
Miscellaneous Total																		42,677	
GRAND TOTAL																		103,669	

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term of March - August - 1979.

II-2 REGIONAL MENTAL HOSPITAL (150 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE			OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	CHIEF'S RESIDENCE	DOCTOR'S QUARTER							
Floor Area (M <sup>2</sup> ) or Number of Unit					910 (442x2)		340									1,250 (30) 1,090 2,340		
Unit Cost		(80) 630		2,100	(NO) 460		2,000									(2,340)		
				1,911			680									2,591		
				1,911			680									2,591		
Cost Including Price Increase (1)																2,980		
Inside Plumbing																232		
Outside Plumbing																436		
Deep Well Unit																		
Water Tank Unit																		
Water Pump Unit																		
Sewage Treatment Tank Unit																		
Kitchen System																357		
Laundry System																		
Garbage Furnace Unit																30		
Fire Extinguisher																		
Air Conditioning																		
Sub-Total																1,055		
Cost Including Price Increase (2)																1,139		



Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term of March - August - 1979.

II-2 REGIONAL MENTAL HOSPITAL

SECTION ITEMS	MAIN BUILDINGS				WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC		I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER			
ELECTRICAL WORK				220			43								263
	Sub-Total														263
Cost Including Price Increase (3)															281
Site Development Work															
Cost Including Price Increase (4)															115
Civil Work Total (1)+(2)+(3)+(4)															132
MEDICAL EQUIPMENT															
	Sub-Total														2,438
Cost Including Price Increase (5)															2,510
Facility Total (1)+(2)+(3)+(4)+(5)															7,042
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey														0
	Architect Engineering & Supervision														1,056
	Medical Consultant														952
	Administration														352
	Local Revise & Freight Revise														245
	Physical Contingency														704
Price Contingency														2,113	
Miscellaneous Total															4,822
GRAND TOTAL															11,864

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term of March - August - 1979.

II-3 KALINGA-APAYAO PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION		MAIN BUILDINGS				WARD		SERVICE		OTHER		RESIDENCE			DORMITORY	TOTAL							
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(CH)	(C)	(F)	(S)			(M)	(ME)	(F)	(NO)	(NO)		
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	770	380	370	140	30	290	250	(NA) 90	80			60	110	370	100	140			3,880				
					(HE)270 (MI)430 (NO)580																(NO) 840			
					2,100	2,100	2,100	2,000	1,600	(MA)1,630	710			(J+2)	(CH)2,400 (C) 2,100	2,000					4,720			
					(ME)900 (MI)450																(3,680)			
Unit Cost	2,400	2,200	2,200																					
BUILDING WORK	Building Cost	1,848	836	814	731	63	580	400	147	57			375	940	111					6,902				
BUILDING WORK	Foundation Cost etc.																							
BUILDING WORK	Demolish Cost																							
BUILDING WORK	Sub-Total	1,848	836	814	731	63	580	400	147	62			375	940	111					6,907				
MECHANICAL WORK	Cost Including Price Increase ①																							
MECHANICAL WORK	Inside Plumbing																							
MECHANICAL WORK	Outside Plumbing																							
MECHANICAL WORK	Deep Well Unit																							
MECHANICAL WORK	Water Tank Unit																							
MECHANICAL WORK	Water Pump Unit																							
MECHANICAL WORK	Sewage Treatment Tank Unit																							
MECHANICAL WORK	Kitchen System																							
MECHANICAL WORK	Laundry System																							
MECHANICAL WORK	Garbage Furnace Unit																							
MECHANICAL WORK	Fire Extinguisher																							
MECHANICAL WORK	Air Conditioning																							
MECHANICAL WORK	Sub-Total																							
MECHANICAL WORK	Cost Including Price Increase ②																							

II-3 KALINGA-APAYAO PROVINCIAL HOSPITAL

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term  
 of March - August - 1979.

ITEMS	SECTION	MAIN BUILDINGS						SERVICE				RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADML.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	227	80	81	120		60	46	18	16		34	99	31	812	
	Generator & Distribution														1,823	
	Outside Wiring														877	
	Sub-Total														3,512	
	Cost Including Price Increase (3)														3,758	
MEDICAL EQUIPMENT	Site Development Work														383	
	- DO- Cost Including Price Increase (4)														440	
	Civil Work Total (1) + (2) + (3) + (4)														18,596	
	Medical Equipment & Furniture	2,769	464	103	352		78	174	198						4,138	
	Medical Gas Plumbing														258	
Sub-Total														4,396		
Cost Including Price Increase (5)														4,528		
Facility Total (1) + (2) + (3) + (4) + (5)														23,484		
MISCELLANEOUS	Surveying Soilexploration Water Source & Quality Survey														149	
	Architect Engineering & Supervision														3,522	
	Medical Consultant														1,174	
	Administration														1,174	
	Local Revis & Freight Revis														1,024	
Physical Contingency														2,348		
Price Contingency														7,044		
Miscellaneous Total														16,435		
GRAND TOTAL														39,919		

III-4 CAGAYAN PROVINCIAL HOSPITAL (100 BEDS)

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term of March - August - 1979.

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE			OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER						
Floor Area (M <sup>2</sup> ) or Number of Unit		770	380	370	1,320			290	250	40	(OC)	170	420		380			
	Unit Cost	2,400	2,200	2,200	2,100	(50x2)		2,000	1,600	2,400	710	(1+2)	4,000		3,800		4,560 (3,590)	
New Construction Major Renovation Medium Renovation Minor Renovation No Renovation	Building Cost	1,848	836	814	2,772			580	400	96	121	375	840		722		9,404	
	Foundation Cost etc.																0	
	Demolish Cost																0	
	Sub-Total	1,848	836	814	2,772			580	400	96	121	375	840		722		9,404	
	Cost Including Price Increase ①																10,815	
Inside Plumbing	Floor Area (M <sup>2</sup> ) or Number of Unit	770	380	370	1,320			290	250	40	-	(1+2)	(7+2)		(1+1)			
		Unit Cost	116	187		85			114	72			26,000	26,000		54,000		
	Cost	89	71		112			33	18			39	117		54		533	
	Outside Plumbing																1,211	
	Deep Well Unit																195	
	Water Tank Unit																279	
	Water Pump Unit																424	
	Sewage Treatment Tank Unit																1,891	
	Kitchen System																261	
	Laundry System																417	
	Garbage Furnace Unit																106	
	Fire Extinguisher																23	
	Air Conditioning																589	
	Sub-Total																5,929	
	Cost Including Price Increase ②																6,403	

Total Cost : 1,000 Pesos  
 Unit Cost : During the term  
 Cost : Including Price Increase of March - August - 1979.

II-4 CAGAYAN PROVINCIAL HOSPITAL

ITEMS	SECTION		MAIN BUILDINGS				WORD		SERVICE			OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER							
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment, Telephone, Speaker, Interphone, Nurse Call & Others	216	34	82	184		52	46	7	27	32	80	72	882				
	Generator & Distribution													1,823				
	Outside Wiring													673				
	Sub-Total													3,378				
Cost Including Price Increase ③														3,614				
Site Development Work														603				
DO Cost Including Price Increase ④														693				
Civil Work Total ①+②+③+④														21,525				
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,769	464	103	352		78	174	198					4,138				
	Medical Gas Plumbing													258				
	Sub-Total													4,396				
	Cost Including Price Increase ⑤													4,528				
Facility Total ①+②+③+④+⑤														26,053				
MISCELLANEOUS	Surveying, Soil Exploration, Water, Source & Quality Survey													144				
	Architect Engineering & Supervision													3,908				
	Medical Consultant													1,303				
	Administration													1,303				
	Local Revis & Freight													1,162				
	Physical Contingency													2,605				
Price Contingency													7,815					
Miscellaneous Total														18,240				
GRAND TOTAL														44,293				

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Including Price Increase : of March - August - 1979.

II-5 ISABELA PROVINCIAL HOSPITAL (150 BEDS)

ITEM	SECTION		MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	RESIDENCE	RESIDENCE	DORMITORY				
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	770	380	370	70	290	250		(OC) 170	(CH) 60	(F) 320	(F) 160	(F) 160	(F) 160			5,250	
	Unit Cost	2,400	2,200	2,200	(MA) 260 (ME) 1,570 (NO) 180	70	(NO) 110 (NO) 100 (NO) 280		(ME) 90	STORE	(S) 100	(S) 100	(S) 100	(S) 100	(S) 100	(S) 100	(NO) 770 6,020 (5,000)	
BUILDING WORK	New Construction	2,400	2,200	2,200	2,100	2,000	1,600											
	Major Renovation				(ME) 1,350													
BUILDING WORK	Medium Renovation				(ME) 900													
	Minor Renovation																	
BUILDING WORK	No Renovation																	
	Building Cost	1,848	836	814	1,764	147	400		104	131	480	840	399	399			8,343	
BUILDING WORK	Foundation Cost etc.																	
	Demolish Cost				(280 x 20)					6							6	
BUILDING WORK	Sub-Total	1,848	836	814	1,764	147	400		104	137	480	840	399	399			8,349	
	Cost Including Price Increase ①																9,601	
MECHANICAL WORK	Inside Plumbing																	
	Floor Area (M <sup>2</sup> ) or Number of Unit	770	380	370														
	Unit Cost																	
	Cost	89	71		202		43	23				52	117	27			624	
	Outside Plumbing																1,720	
	Deep Well Unit																280	
	Water Tank Unit																545	
	Water Pump Unit																424	
	Sewage Treatment Tank Unit																2,409	
	Kitchen System																357	
	Laundry System																700	
	Garbage Furnace Unit																120	
Fire Extinguisher																30		
Air Conditioning																812		
Sub-Total																	8,021	
Cost Including Price Increase ②																	8,663	

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

II-5 ISABELA PROVINCIAL HOSPITAL

ITEMS	SECTION					MAIN BUILDINGS					WORD			SERVICE			OTHER			RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER												
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	215	80	81	256	10	52	45	16	48	42	80							53	978				
	Generator & Distribution																			3,223				
	Outside Wiring																			462				
	Sub-Total																			4,663				
	Cost Including Price Increase ③																			4,989				
Site Development Work	11,000M <sup>2</sup> x 5P/M <sup>2</sup> (GARDEN) 1,900M <sup>2</sup> (ROAD) 5,430M <sup>2</sup>																		448					
-DO- Cost Including Price Increase ④																			515					
Civil Work Total ①+②+③+④																			23,768					
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,769	464	103	528		78	174	197											4,313				
	Medical Gas Plumbing																		325					
	Sub-Total																		4,638					
	Cost Including Price Increase ⑤																		4,777					
	Facility Total ①+②+③+④+⑤																			28,545				
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey	(SUR) 46,000M <sup>2</sup> x 1.5P/M <sup>2</sup> (EXP) 2 POINTS																		153				
	Architect Engineering & Supervision	Facility total x 15%																		4,282				
	Medical Consultant	Facility total x 5%																		1,427				
	Administration	Facility total x 5%																		1,427				
	Local Reuse & Freight Reuse	Local : Civil work total x 5.4% Freight: Civil work total																		1,283				
	Physical Contingency	Facility total x 10%																		2,855				
	Price Contingency	Facility total x 30%																		8,563				
Miscellaneous Total																			19,990					
GRAND TOTAL																			48,535					







Total Cost : 1,000 Pesos  
 Unit Cost :  
 Cost : During the term  
 of March - August - 1979.

II-7 IFUGAO PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION			MAIN BUILDINGS				WARD		SERVICE			OTHER			RESIDENCE			TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	DORMITORY							
Floor Area (M <sup>2</sup> ) or Number of Unit	770	380	370	700 (50Bx1) (ME) 620 (50Bx1)		290	250	40	(OC) 390	(CH) 60 (C) 110 (2+1)	(F) 320 (S) 100 (7+2)	(F) 320 (M) 120 (6B+2T) (2U+1T)				4,840 (3,810)			
Unit Cost	2,400	2,200	2,200	2,100 (ME) 900		2,000	1,600	2,400	(OC) 710	(CH) 2,400 (C) 2,100	2,000	(F) 1,850 (M) 1,900							
Building Cost	1,848	836	814	2,028		580	400	96	277	375	840	820				8,914			
Foundation Cost etc.												30				30			
Demolish Cost																			
Sub-Total	1,848	836	814	2,028		580	400	96	277	375	840	850				8,944			
Cost Including Price Increase ①	10,286																		
Inside Plumbing																			
Floor Area (M <sup>2</sup> )	770	380	370	700		290	250												
Number of Unit																			
Unit Cost																			
Cost	89	71		112		33	18			39	117	81				560			
Outside Plumbing																			
Deep Well Unit	φ150MM 200L/M <sup>3</sup> 4.5M+200L/M <sup>3</sup> 4.0Mx3.7RW WELL PUMP																		
Water Tank Unit	FRP 30M <sup>3</sup>																		
Water Pump Unit	100L/M <sup>3</sup> 30Mx2.2kW+200L/M <sup>3</sup> 30Mx3.7kW+200L/M <sup>3</sup> 30Mx3.7kW																		
Sewage Treatment Tank Unit	60 M <sup>3</sup> /DAY																		
Kitchen System																			
Laundry System																			
Garbage Furnace Unit																			
Fire Extinguisher																			
Air Conditioning	589																		
Sub-Total																			
Cost Including Price Increase ②	6,118																		
	6,607																		

Total Cost : 1,000 Pesos  
 Unit Cost : During the term  
 Cost : Including Price Increase of March - August - 1979.

II-7 LUGAO PROVINCIAL HOSPITAL

ITEMS	SECTION				MAIN BUILDINGS				WORD			SERVICE			RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER								
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment, Telephone, Speaker, Interphone, Nurse Call & Others	216	80	79	203		60	52	8	76	32	80					88	974	
	Generator & Distribution																	3,223	
	Outside Wiring																	637	
	Sub-Total																	4,834	
	Cost Including Price Increase ③																	5,172	
Site Development Work																		649	
-DO- Cost Including Price Increase ④																		746	
Civil Work Total ①+②+③+④																		22,811	
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,769	464	103	352		78	174	198									4,138	
	Medical Gas Plumbing																	258	
	Sub-Total																	4,396	
	Cost Including Price Increase ⑤																	4,528	
	Facility Total ①+②+③+④+⑤																		27,339
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey																	114	
	Architect Engineering & Supervision																	4,101	
	Medical Consultant																	1,367	
	Administration																	1,367	
	Local Revis & Freight Revis																	1,232	
	Physical Contingency																	2,734	
	Price Contingency																	8,201	
Miscellaneous Total																		19,116	
GRAND TOTAL																		46,456	



Total Cost : 1,000 Pesos  
 Unit Cost :  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

II-8 NAI F MARCOS VETERAN MEMORIAL HOSPITAL

ITEMS	SECTION	MAIN BUILDINGS				WORD		SERVICE			OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER					
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others						52	44		27			38	71	85	317	
	Generator & Distribution															3,223	
	Outside Wiring															333	
	Sub-Total															3,873	
	Cost Including Price Increase ③															4,420	
MEDICAL EQUIPMENT	Site Development Work	(E.W) 11,000M <sup>2</sup> (RETAINING WALL) 870M <sup>2</sup> (GARDEN) 2,700M <sup>2</sup> Paving 9,000M <sup>2</sup> (ROAD) 4,100M <sup>2</sup>															
	Cost Including Price Increase ④																
	Civil Work Total ①+②+③+④																
	Medical Equipment & Furniture	4,200	574	103	528		205	188		197							5,995
	Medical Gas Plumbing																-
Sub-Total																5,995	
Cost Including Price Increase ⑤																6,175	
Facility Total ①+②+③+④+⑤																22,562	
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey	(SUR) 90,000M <sup>2</sup> x 1.5P/M <sup>2</sup> (EXP) 4 POINTS															
	Architect Engineering & Supervision	Facility total x 15%															
	Medical Consultant	Facility total x 5%															
	Administration	Facility total x 5%															
	Local Revises & Freight	Local Civil work total x 5.4%															
	Physical Contingency	Facility total x 10%															
	Price Contingency	Facility total x 30%															
	Miscellaneous Total																
	GRAND TOTAL																

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Including Price Increase : of March - August - 1979.

II-9 NUEVA VIZCAYA PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION		MAIN BUILDINGS				WARD		SERVICE			OTHER			RESIDENCE			DORMITORY	TOTAL	
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE (CH) 60 (C) 110	DOCTOR'S QUARTER (F) 320 (S) 100	(P+H)	(NO) 480	(L+2)	(CH) 2,400 (C) 2,100	(NO) 480				
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit		590	360	40	590					250							3,680 (NO) 480	4,160 (3,090)	
	New Construction		2,400	2,200	2,200	2,100					(ME) 400 2,000									
	Major Renovation																			
	Medium Renovation				(NE) 940						(ME) 430									
	Minor Renovation				(MI) 450															
	No Renovation																			
	Building Cost		1,416	792	267	1,523					672					375	840		5,931	
	Foundation Cost etc.																		0	
	Demolish Cost								(340 x 20)										7	
	Sub-Total		1,416	792	267	1,523					672					375	840		5,938	
Cost Including Price Increase ①																		6,829		
MECHANICAL WORK	Floor Area (M <sup>2</sup> ) or Number of Unit		590	360	40	590					250									
	Unit Cost																			
	Cost		89	71		112					33		18			39	117		479	
	Outside Plumbing																		933	
	Deep Well Unit																		195	
	Water Tank Unit																		279	
	Water Pump Unit																		424	
	Sewage Treatment Tank Unit																		1,891	
	Kitchen System																		261	
	Laundry System																		417	
Garbage Furnace Unit																		106		
Fire Extinguisher																		15		
Air Conditioning		589																589		
Sub-Total																		5,589		
Cost Including Price Increase ②																		6,036		

II-9 NUEVA VIZCAYA PROVINCIAL HOSPITAL

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

ITEMS	MAIN BUILDINGS				WORD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	160	76	48	160		74	6		28	74			626	
	Generator & Distribution													3,223	
	Outside Wiring													148	
	Sub-Total													3,997	
Cost, Including Price Increase ③															
Site Development Work	2,700m <sup>2</sup> x 30P/m <sup>2</sup> (GARDEN) 600m <sup>2</sup> (ROAD) 1,320M														
-DO- Cost, Including Price Increase ④															
Civil Work Total ①+②+③+④															
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,769	464	103	352		78	174	198					4,138	
	Medical Gas Plumbing													258	
	Sub-Total													4,396	
	Cost, Including Price Increase ⑤														
Facility Total ①+②+③+④+⑤															
MISCELLANEOUS	Surveying Soil Exploration Water Sources & Quality Survey	(SUR) 15,000x1.5 (EXP) 2 POINTS													107
	Architect Engineering & Supervision	Facility total x 15%													3,279
	Medical Consultant	Facility total x 5%													1,093
	Administration	Facility total x 5%													1,093
	Local Revise & Freight Revise	Local : Civil work total x 5.4% Freight; Civil work total													936
	Physical Contingency	Facility total x 10%													2,186
Price Contingency	Facility total x 30%													6,558	
Miscellaneous Total															15,252
GRAND TOTAL															37,112

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

II-10 BATANES PROVINCIAL HOSPITAL (75 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORQUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
Floor Area (MF) or Number of Unit		530	(MA) 170	(MA) 170	(ME) 650			250	20	(OC) 130					2,200	
Unit Cost		2,300	(MA) 1,410	(MA) 1,410	(ME) 900										(2,200)	
	New Construction			2,100												
	Major Renovation															
	Medium Renovation															
	Minor Renovation															
	No Renovation															
	Building Cost	1,219	240	786	585			450	46	107					3,433	
	Foundation, Cost etc.	61		27											88	
	Demolish Cost									11					11	
	Sub-Total	1,280	240	813	585			450	46	118					3,532	
	Cost Including Price Increase ①	1,280	240	813	585										4,062	
	Floor Area (M <sup>2</sup> ) or Number of Unit															
	Unit Cost															
	Cost	89	71		101			33	18						312	
	Outside Plumbing														462	
	Deep Well Unit														195	
	Water Tank Unit														279	
	Water Pump Unit														424	
	Sewage Treatment Tank Unit														1,891	
	Kitchen System														261	
	Laundry System														417	
	Garbage Furnaces Unit														106	
	Fire Extinguisher														26	
	Air Conditioning	589													589	
	Sub-Total														4,962	
	Cost Including Price Increase ②														5,359	



Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term  
 of March - August - 1979.

II-10 BATANES PROVINCIAL HOSPITAL

ITEMS	SECTION				MAIN BUILDINGS				WORD			SERVICE			OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WC	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER									
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	148	38	94	92		46		4	22										444	
	Generator & Distribution																			3,223	
	Outside Wiring																			379	
	Sub-Total																			4,046	
Cost Including Price Increase	③																				
Site Development Work	600M <sup>2</sup> x 5P/M <sup>2</sup> (GARDEN) 150M <sup>2</sup> (ROAD) 250M <sup>2</sup>																				
DO - Cost Including Price Increase	④																				
Civil Work Total	① + ② + ③ + ④																				
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,769	464	103	264		78	174	198											4,050	
	Medical Gas Plumbing																			258	
	Sub-Total																			4,308	
	Cost Including Price Increase	⑤																			
Facility Total	① + ② + ③ + ④ + ⑤																				
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey	(SUR) 4,600M <sup>2</sup> x 1.5P/M <sup>2</sup> (EXP) 2 POINTS																			
	Architect Engineering & Supervision	Facility total x 15%																			
	Medical Consultant	Facility total x 5%																			
	Administration	Facility total x 5%																			
	Local Revis & Freight	Local Civil work total x 5.4% Freight Civil work total x 5.8%																			
	Physical Contingency	Facility total x 10%																			
Price Contingency	Facility total x 30%																				
Miscellaneous Total	13,482																				
GRAND TOTAL	31,708																				



## **PLAN OF AUTHORIZED BEDS**



PLAN (II) COST FOR EACH HOSPITAL

(71,000)

Hospital	Standard Grade (Spec)	Standard Area (sqm)	Cost Components										Total						
			A	B	C	D	E	F	G	H	A	B		C	D	E			
			Building	Mechanical	Electrical	Site Development	Medical Equipment	Miscellaneous	αz (Yc)	AMB+C+D	C+H (0.65H)	δ	A	B	C	D	E	Total	
								Yc=0.65Hδ					$A(1+\frac{F}{H})$	$B(1+\frac{F}{H})$	$C(1+\frac{F}{H})$	$D(1+\frac{F}{H})$	$E(1+\frac{F}{H})$	$A+B+C+D+E$	
I																			
1. Pangasinan																			
1. MC	300	450	34,765	10,585	4,835	2,083	6,607	39,367	1.5%	32,268	(38,269)	314	58,011	17,663	8,068	3,476	11,025	96,243	
2. Bontoc PH	100	100	3,905	4,698	1,870	61	2,675	9,031	3.0	10,534	(8,586)	129	6,575	7,930	3,149	103	4,504	22,241	
3. Baguio MC	300	450	4,612	4,367	1,828	0	7,314	12,118	1.5	10,807	(11,779)	177	7,696	7,287	3,050	0	12,205	30,238	
4. Benguet PH	100	100	9,998	4,800	2,221	1,332	2,509	14,036	1.5	18,441	(13,618)	141	16,696	8,166	3,709	2,224	4,190	34,985	
5. La Union RH	200	250	12,538	8,955	3,210	1,187	4,810	20,557	1.5	25,990	(19,955)	214	20,934	14,951	5,359	1,982	8,031	51,257	
6. Abra PH	100	100	6,075	5,082	2,275	47	2,509	10,695	1.5	13,479	(10,392)	101	10,139	8,482	3,797	78	4,187	26,683	
7. Gabriela Silang PH	100	100	9,721	4,965	2,265	630	2,509	13,457	1.5	17,581	(13,059)	134	16,232	8,291	3,782	1,051	4,190	33,545	
8. Don Mariano Marcos MR	150	100	177	3,217	1,381	240	5,259	6,767	1.5	5,015	(6,678)	14	294	5,336	2,291	398	8,723	17,042	
9. Ilocos Norte PH	200	200	7,743	6,239	2,558	105	3,679	13,644	1.5	16,655	(13,217)	177	12,939	10,425	4,291	175	6,148	33,978	
II																			
1. Cagayan RH	300	300	28,328	9,188	3,327	1,136	7,083	34,471	5.4	41,979	(31,867)	314	48,231	15,643	5,665	1,934	12,060	83,533	
2. Cagayan Mental H	100	150	1,111	624	164	102	1,137	2,148	5.4	2,001	(2,040)	0	1,871	1,051	276	172	1,915	5,285	
3. Kalingar Apayao PH	100	100	6,025	5,348	2,196	440	2,509	11,642	5.4	14,009	(10,737)	149	10,271	9,117	3,744	750	4,277	28,159	
4. Cagayan PH	100	100	9,721	4,965	2,265	693	3,679	14,957	5.4	17,644	(13,860)	144	16,540	8,448	3,894	1,179	6,260	36,281	
5. Isabela PH	100	150	7,461	6,670	3,498	515	3,177	14,984	5.4	18,134	(13,852)	153	12,707	11,360	5,940	877	5,411	36,295	
6. Quirino PH	100	100	7,622	7,109	3,613	375	2,039	14,626	5.4	18,719	(13,493)	122	12,992	12,118	6,159	639	3,476	35,384	
7. Ifuogo PH	100	100	9,212	5,140	3,794	746	2,508	15,044	5.4	18,892	(13,910)	114	15,688	8,753	6,461	1,270	4,271	36,443	
8. Maj. F. Marcos RH	150	150	2,972	5,215	3,614	996	5,016	12,558	5.4	12,797	(11,578)	289	5,067	8,892	6,162	1,698	8,552	30,371	
9. Nueva Vizcaya PH	100	100	4,713	4,598	3,440	166	2,341	10,723	5.4	12,917	(9,918)	107	8,025	7,829	5,858	283	3,986	25,981	
10. Baranes PH	75	75	4,062	3,977	3,369	39	2,040	10,197	11.2	11,447	(8,767)	91	7,123	6,984	5,916	68	3,582	23,683	
Total			170,761	105,832	51,723	10,893	69,400	281,022	(12,500)	339,209	(266,575)	2,884	288,041	178,706	87,531	18,357	156,993	689,628	

\* Based on the prices of August 1 '79

G: Arch, & Engineering 10% + Consultant Fee 5% + Supervision 5% + Administration 5% = 25%  
 B: Physical Contingency 10% + Price Contingency 30% = 40%  
 Y: Local revise (1.5%, 3.0%, 5.4%, 11.2%)  
 δ: Surveying & Subsoil exploration + Water Source and Quality Survey.  
 α + β = 65%  
 H: Facility  
 G: Civil work

PLAN (II) LIST OF FLOOR AREA

Hospital Name	New		Old		Net		Service		Quarantine		Decor		Dormitory		Sanitation		Other		Total		
	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	sqm	
100B Standard																					
NS-100B Standard																					
100B Standard																					
1. Kambingan (100B) PH	1,110	1,030	5,640	6,750	90	519	840	1,359	280	1,250	750	130	12,270	2,340	4,610	940				16,250	
2. Bontuc (100B) PH	300	200	840	640	30	290	300	280	110	230	180	80	1,300	750	1,350	370	1,350	1,300	1,300	4,270	
3. Sigalla (100B) PH	110		480	1,630											6,930		2,460			9,370	
4. Bontuc (100B) PH	770	380	370	930	40	490	280	40	670	170	230	310	1,620	2,580	500	4,080	500	430	970	5,050	
5. La Union (100B) PH	1,680	420	1,260	1,800	230	330	220	460	610	470	220	460	700	4,180	180	760	460	4,940	640	8,090	
6. Bontuc (100B) PH	800	300	530	60	40	290	230	40	100	60	230	160	1,500	1,480	1,430	550	1,000	2,030	100	3,560	
7. Gabriela Silang (100B) PH	770	390	1,100						170	170	230	180	2,240	3,410	600	4,070				4,070	
8. San Mateo (100B) PH			2,160	1,740	60	60	1,030	30	1,000	1,000	1,000	20	500	5,730	1,730	20	3,820	2,920		9,900	
9. Iligsoon Norte (100B) PH	1,590	220	1,370	340	430	430		50	610	270	90	420	370	2,690		530	2,690	510	2,160		
11. Cagayan (100B) PH	2,220	1,110	1,040	4,180	300	340	90	610	340	220	880	220	10,140	1,740	11,880					11,880	
2. Cagayan (100B) PH			460	400										460	1,680		460	1,680	3,280		
3. Malinao Agaña (100B) PH	800	350	180	1,800	230	290	90	80	170	170	230	100	1,810	580	400	2,310	580	230	940	3,990	
4. Cagayan (100B) PH	770	380	1,140						170	170	230	180	3,410		600	4,070				4,070	
5. Zamala (100B) PH	770	380	1,140						170	170	230	180	3,410		600	4,070				4,070	
6. Bulilino (100B) PH	800	300	670	240	290	290	40	430	170	170	230	180	1,370	2,170	440	600	2,070	240	4,000		
7. Igono (100B) PH	770	380	1,140						170	170	230	180	3,410		600	4,070				4,070	
8. Raj. Marce (100B) PH	960	860	230	2,140	290	290	180	60	150	220	230	210	790	4,600	700	1,440	4,600	6,040		6,040	
9. Nueva Victoria (100B) PH	770	380	1,140						170	170	230	180	3,410		600	4,070				4,070	
10. Marawa (100B) PH	520	170	280	150	250	250	20	150	150	20	150	500	1,210			2,210		990	2,200		
G. I. Guard Room																					
<p>new construction area (m<sup>2</sup>)</p> <p>using area of old facilities (m<sup>2</sup>)</p> <p>renovation area (m<sup>2</sup>)</p> <p>(NA) Major Change, (NB) Minor Change, (NC) Merge Change, (ND) Minor Change</p>																					
										Region I 7,730 21,450 15,170 5,430 2,260 17,270 17,270 63,000 Region II 2,110 22,470 7,500 9,710 1,100 31,180 8,600 47,600 Total 9,840 53,920 22,670 11,720 3,360 65,010 25,870 110,560 18,460 18,460 15,070											



I-1 (SEPARATED)  
PANGASINAN MEDICAL CENTER (450 BEDS)

Total Cost : 1,000 Pesos  
Unit Cost : During the term  
Cost Including Price Increase : of March - August - 1979.

ITEM	SECTION			MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	DOCTOR'S QUARTER	DOCTOR'S QUARTER	DOCTOR'S QUARTER	DOCTOR'S QUARTER				
BUILDING WORK	Floor Area (MF) or Number of Unit	2,220	1,110	1,030	5,640 (50Bx8) (ME) 940 (50Bx1)		700	340	(OC) 1,090 (G) 10 (B) 40	(CH) 60 (C) 160 (S) 290 (14B+3T) (2U+1T)	960 (F) 750 (M) 120	290	960	750	15,550 (13,210)				
	Unit Cost	2,300	2,100	2,100	2,000		2,000	1,600	OC) 710 (C) 1,600 (B) 1,600	(CH) 2,400 (C) 2,100	1,950	1,950	1,850	34,568 <sup>2</sup> /BED (29,368 <sup>2</sup> /BED)					
	Building Cost	5,106	2,331	2,163	12,126		1,400	544	216	570	480	2,438	2,438	1,610	28,984				
	Foundation Cost etc.	255	117	108	564							122	122	80	1,240				
	Demolish Cost																		
	Sub-Total	5,367	2,448	2,271	12,690		1,400	544	216	570	480	2,560	2,560	1,690	30,230				
	Cost Including Price Increase ①														34,765				
MECHANICAL WORK	Inside Plumbing																		
	Floor Area (MF) or Number of Unit	2,220	1,110	1,030	6,390 940		700	340	90	-	(4T)	(50T)	(6T)						
	Unit Cost	109	174		69		114	126			13,000	13,000	27,000						
	Cost	241	193		502		80	43			52	338	162	1,611					
	Outside Plumbing														2,255				
	Deep Well Unit														351				
	Water Tank Unit														486				
	Water Pump Unit														296				
	Sewage Treatment Tank Unit														1,806				
	Kitchen System														585				
	Laundry System														973				
	Garbage Furnace Unit														279				
Fire Extinguisher														56					
Air Conditioning	1,103													1,103					
Sub-Total														9,801					
Cost Including Price Increase ②														10,585					



Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

I-1 PANGASINAN MEDICAL CENTER

ITEMS	SECTION			MAIN BUILDINGS				WARD		SERVICE			OTHER			RESIDENCE		DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER								
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	577	222	206	879		57	14	181	35	205						152	2,647	
	Generator & Distribution																	1,632	
	Outsida Wiring																	240	
	Sub-Total																	4,519	
Cost Including Price Increase ③																		4,835	
Site Development Work																			
DO- Cost Including Price Increase ④																			1,811
Civil Work Total ①+②+③+④																			
Medical Equipment & Furniture																			2,083
Medical Gas Plumbing	5,693	722																	52,268
Sub-Total																			6,415
Cost Including Price Increase ⑤																			6,607
Facility Total ①+②+③+④+⑤																			58,875
Surveying Soil Exploration Water Source & Quality Survey																			314
Architect Engineering & Supervision																			8,831
Medical Consultant																			2,944
Administration																			2,944
Local Revise & Freight Revise																			784
Physical Contingency																			5,888
Price Contingency																			17,662
Miscellaneous Total																			39,367
GRAND TOTAL																			98,242

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

(SEPARATED)  
 I-2 BONTOC PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION				MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	DOCTOR'S QUARTER	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	DOCTOR'S QUARTER	DOCTOR'S QUARTER			
Floor Area (M <sup>2</sup> ) or Number of Unit	(ME) 50	(MI) 290	(NO) 380	(ME) 640 (50Bx1) (NO) 680 (50Bx1)		290	180	(OC) 280	(C) 110 (ME) 170 (CH) (1+2)	(F) 180 (S) 50 (4+1)	(F) 180 (S) 50 (4+1)	(F) 180 (S) 50 (4+1)	(OC) 280	(C) 110 (ME) 170 (CH) (1+2)	(F) 180 (S) 50 (4+1)	(F) 180 (S) 50 (4+1)	(F) 180 (S) 50 (4+1)	(F) 180 (S) 50 (4+1)	2,870 (NO) 1,360 4,230 (3,460)	
	Unit Cost	(ME) 1,150 (MI) 660 (NO) 380	(MI) 470	(ME) 900		2,000	1,600	(OC) 710	(C) 2,100 (ME) 920 (CH)	(ME) 1,150	1,950	1,950	(OC) 710	(C) 2,100 (ME) 920 (CH)	1,950	1,950	1,950	1,950	1,950	42.30M <sup>2</sup> /BED (34.60M <sup>2</sup> /BED)
Building Cost	137	136		576		580	310	58	199				387	387	449			494		3,326
Foundation Cost etc.																				22
Demolish Cost																				26
Sub-Total	137	136		576		580	310	58	225				387	387	471			494		3,374
Cost Including Price Increase ①																				3,905
Inside Plumbing	Floor Area (M <sup>2</sup> )																			
	Number of Unit																			
Outside Plumbing	Unit Cost																			
	Cost	89	71	-	112		33	18	-					39	65			54		681
Deep Well Unit																				1,141
Water Tank Unit																				195
Water Pump Unit																				279
Sewage Treatment Tank Unit																				270
Kitchen System																				714
Laundry System																				281
Garbage Furnace Unit																				417
Fire Extinguisher																				106
Air Conditioning																				14
Sub-Total			472																	472
Cost Including Price Increase ②																				4,350
Sub-Total																				4,698

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

I-2 BONTOC PROVINCIAL HOSPITAL

ITEMS	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		AMC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Telephone, Nurse Call & Others	ELECTRICAL WORK	42	58	-	83		49	60	6	40	40	36	44	458		
Generator & Distribution														1,210		
Outside Wiring														80		
Sub-Total														1,748		
Cost Including Price Increase														1,870		
Site Development Work														53		
-DC- Cost Including Price Increase														61		
Civil Work Total ① + ② + ③ + ④														10,534		
Medical Equipment & Furniture	MEDICAL EQUIPMENT	2,396	201											2,597		
Medical Gas Plumbing														2,597		
Sub-Total														2,675		
Cost Including Price Increase														13,209		
Facility Total ① + ② + ③ + ④ + ⑤														13,209		
Surveying Soil Exploration Water Source & Quality Survey	MISCELLANEOUS						(SUR) 30,000M <sup>2</sup> x 1.5P/M <sup>2</sup> (EXP) 2 POINTS							129		
Architect Engineering & Supervision								Facility total	x 15%					1,982		
Medical Consultant								Facility total	x 5%					660		
Administration								Facility total	x 5%					660		
Local Revisa & Freight Revisa							Local: Civil work total	x 1.5%					316			
Physical Contingency							Freight: Civil work total	x 1.5%					1,321			
Price Contingency							Facility total	x 10%					3,963			
Miscellaneous Total							Facility total	x 30%					9,031			
GRAND TOTAL													22,240			

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term of March - August - 1979.

(SEPARATED)  
 I-3 BAGUIO GENERAL HOSPITAL & MEDICAL CENTER (450 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL			
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER								
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	(Cobalt) 60		(NO) 400	(MA) 2,460												2,460 (NO) Unknown (9,370)			
		(NO) 140			* Cancer Ward															
				(NO) 6,370																
BUILDING WORK	New Construction Major Renovation Medium Renovation Minor Renovation No Renovation				(MA) 1,630												4,010 0 0 4,010 4,612			
					Building Cost		4,010													
					Foundation Cost etc.															
BUILDING WORK	Demolish Cost																0 0 4,010 4,612			
					Sub-Total		4,010													
MECHANICAL WORK	Cost Including Price Increase ①																4,612			
MECHANICAL WORK	Inside Plumbing																224 1,257 - - - - 475 854 218 30 987 4,045 4,367			
MECHANICAL WORK	Cost Including Price Increase ②																4,045 4,367			

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term of March - August - 1979.

I-3 BAGUIO GENERAL HOSPITAL & MEDICAL CENTER

ITEMS	SECTION		MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE	DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER					
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment, Telephones, Speaker, Interphone, Nurse Call & Others			172											172	
	Generator & Distribution														1,425	
	Outside Wiring														111	
	Sub-Total														1,708	
Cost Including Price Increase ③															0	
Site Development Work															0	
Cost Including Price Increase ④															0	
Civil Work Total ①+②+③+④															10,807	
MEDICAL EQUIPMENT	Medical Equipment & Furniture	6,322	779												7,101	
	Medical Gas Plumbing														7,101	
	Sub-Total														7,314	
Cost Including Price Increase ⑤															18,121	
Facility Total ①+②+③+④+⑤															177	
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey														2,718	
	Architect Engineering & Supervision														906	
	Medical Consultant														906	
	Administration														162	
	Local Revise & Freight Revise														1,812	
	Physical Contingency														5,436	
	Price Contingency														12,117	
Miscellaneous Total														30,238		
GRAND TOTAL																

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Including Price Increase : of March - August - 1979.

(SEPARATED)  
 I-4 BENGUET PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION		MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL	
	ANC.	OPD.	ADML.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(CH)	(F)	(S)	(ME)	(F)			(S)
BUILDING WORK	Floor Area (M <sup>2</sup> )	770	380	370	990 (50Bx1.5) (ME) 540		290	250	40	490	180	60	110	50	310				4,950
	Number of Unit																		(4,120)
	New Construction				(50Bx0.5)							(1+2)	(4+1)						
	Major Renovation	2,400	2,200	2,200	2,100		2,000	1,600	2,400	710	2,400	2,400	2,100						49,50M <sup>2</sup> /BED (41,20M <sup>2</sup> /BED)
Minor Renovation				(ME) 900															
No Renovation																			
Building Cost	1,848	836	814	2,565		580	400	96	348	375	460			340				8,662	
Foundation Cost etc.																		0	
Demolish Cost					1,620 x 20				32									32	
Sub-Total	1,848	836	814	2,565		580	400	96	380	375	460			340				8,694	
Cost Including Price Increase	①																		
MECHANICAL WORK	Floor Area (M <sup>2</sup> )	770	380	370	1,130 (ME) 540		290	250											
	Number of Unit																		
	Unit Cost																		
	Cost	89	71	-	112		33	18		-		39	65		54				481
	Outside Plumbing																		
	Deep Well Unit	φ1.50MM 200L/Mx4.5M+200Lx40Mx3.7kW WELL PUMP																	
	Water Tank Unit	FRP 30M <sup>3</sup>																	
	Water Pump Unit	100L/Mx30Mx2.2kW+200L/Mx30Mx3.7kW																	
	Sewage Treatment Tank Unit																		
	Kitchen System																		
Laundry System																			
Garbage Furnace Unit																			
Fire Extinguisher																			
Air Conditioning	589																		
Sub-Total																			
Cost Including Price Increase	②																		
	4,528																		
	4,890																		

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : Including Price Increase : During the term  
 of March - August - 1979.

I-4 BENGUET PROVINCIAL HOSPITAL

ITEMS	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	178	76	74	198		50	40	6	73		26	36	73	830	
	Generator & Distribution														1,210	
	Outside Wiring														36	
	Sub-Total														2,076	
	Cost Including Price Increase ③														2,221	
	Site Development Work															
	Cost Including Price Increase ④														1,158	
	Civil Work Total ①+②+③+④														1,332	
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,107													18,441	
	Medical Gas Plumbing														2,435	
	Sub-Total														2,435	
	Cost Including Price Increase ⑤														2,509	
	Facility Total ①+②+③+④+⑤														20,920	
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey														141	
	Architect Engineering & Supervisor														3,143	
	Medical Consultant														1,047	
	Administration														1,047	
	Local Revis & Freight Revise														277	
	Physical Contingency														2,095	
Price Contingency														6,285		
	Miscellaneous Total														14,035	
	GRAND TOTAL														34,985	

I-5 LA UNION REGIONAL HOSPITAL (250 BEDS)

Total Cost : 1,000 Picos  
 Unit Cost : During the term  
 Cost : Including Price Increase of March - August - 1979.

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
Floor Area (sq ft) or Number of Unit	BUILDING WORK	1,680			1,330 (50Bx4)			390	250	50	470	60	360				
		(MI) 420	(MI) 270	(MI) 1,450	(NO) 180												
Unit Cost	BUILDING WORK	2,300			2,000			2,000	1,600	2,400	710	1,950					
Building Cost		3,864	122	78	3,313		780	400	120	350	480	897			114	10,518	
Foundation Cost etc.		193	-	-	133		-	-	-	-	-	45			-	371	
Demolish Cost							(700 x 20)			14						14	
Sub-Total		4,057	122	78	3,446		780	400	120	364	480	942			114	10,903	
Cost including Price Increase																12,538	
Floor Area (sq ft) or Number of Unit	MECHANICAL WORK	1,680	(ME) 420	(ME) 860	2,900		390	250	50	-							
					(MI) 470												
Unit Cost					(NO) 180												
Cost		241	193	-	302		60	32									
Outside Plumbing																	
Deep Well Unit																	
Water Tank Unit																	
Water Pump Unit																	
Sewage Treatment Tank Unit																	
Kitchen System																	
Laundry System																	
Garbage Furnace Unit																	
Fires Extinguisher																	
Air Conditioning		1,103															
Sub-Total																	
Cost including Price Increase																	



Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Including Price Increase : of March - August - 1979.

I-5 LA UNION REGIONAL HOSPITAL

ITEMS	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER				
Lighting & Power Supply for Mech. Equipment, Telephone, Speaker, Interphone, Nurse Call & Others	ELECTRICAL WORK	420	84	54	361		66	42	6	72	36	74	10	1,225		
Generator & Distribution														1,285		
Outside Wiring														490		
Sub-Total														3,000		
Cost Including Price Increase														3,210		
Site Development Work														1,032		
Cost Including Price Increase														1,187		
Civil Work Total ① + ② + ③ + ④														25,890		
Medical Equipment & Furniture	MEDICAL EQUIPMENT	4,235			435									4,670		
Medical Gas Plumbing																
Sub-Total														4,670		
Cost Including Price Increase														4,810		
Facility Total ① + ② + ③ + ④ + ⑤														30,700		
Surveying Soil Exploration Water Sources & Quality Survey	MISCELLANEOUS				(SUR) 45,000M <sup>2</sup> x 1.5P/M <sup>2</sup> (EXP) 4 POINTS									214		
Architect Engineering & Supervision					Facility total x 15%									4,605		
Medical Consultant					Facility total x 5%									1,535		
Administration					Facility total x 5%									1,535		
Local Reuse & Freight Reuse				Local Civil work total x 1.5% Freight Civil work total									388			
Physical Contingency				Facility total x 10%									3,070			
Price Contingency				Facility total x 30%									9,210			
Miscellaneous Total													20,557			
GRAND TOTAL													51,257			

I-6 (SEPARATED) ABRA PROVINCIAL HOSPITAL (100 BEDS)

Total Cost : 1,000 Pesos.  
 Unit Cost : Pesos.  
 Cost Including Price Increase : During the term of March - August - 1978.

ITEM	SECTION		MAIN BUILDINGS				WARD		SERVICE		OTHER		RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(F)	(M)	(NO)			
BUILDING WORK	Floor Area (M <sup>2</sup> ) or Number of Unit	800 (ME)	340 (MI)	420 (MI)	60 (ME)	610 (MI)	290	250	40	100 (OC)	180 (F)	180 (F)	80 (M)	100 (NO)	3,570		
		2,400	940 (ME)	470 (MI)	900 (ME)	450 (MI)	2,000	1,600	2,400	710 (OC)	2,400 (CH)	1,950 (S)	50 (S)	100 (NO)	3,670		
		1,920	320	197	329		580	400	96	71	375	449	494	1,900	5,231		
		1,920	320	197	329	(1,500 x 20)	580	400	96	101	375	471	494	1,900	5,283		
	Cost including Price Increase ①														6,075		
MECHANICAL WORK	Inside Plumbing	Floor Area (M <sup>2</sup> ) or Number of Unit	800				290	250									
		Unit Cost	89	71	-	112	33	18	-	39	65	54	481				
	Outside Plumbing														1,371		
	Deep Well Unit														195		
	Water Tank Unit														279		
	Water Pump Unit														270		
	Sewage Treatment Tank Unit														714		
	Kitchen System														261		
	Laundry System														417		
	Garbage Furnace Unit														106		
Fire Extinguisher														23			
Air Conditioning														589			
Sub-Total														4,706			
Cost including Price Increase ②														5,082			

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

I-6 ABRA PROVINCIAL HOSPITAL

ITEMS	SECTION	MAIN BUILDINGS					WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER					
Lighting & Power Supply for Mech. Equipment Telephone, Speaker, Interphone, Nurse Call & Others	ELECTRICAL WORK	200	68	84	87		50	42	6	18	27	37		44	663		
Generator & Distribution															1,210		
Outside Wiring															253		
Sub-Total															2,126		
Cost Including Price Increase															2,275		
Site Development Work																	
Cost Including Price Increase															41		
Cost Including Price Increase															47		
Civil Work Total																	
① + ② + ③ + ④																	
Medical Equipment & Furniture	MEDICAL EQUIPMENT	2,127														2,435	
Medical Gas Plumbing																	
Sub-Total																2,435	
Cost Including Price Increase																2,509	
Facility Total																	
① + ② + ③ + ④ + ⑤																	
Surveying Soilexploration Water Sources & Quality Survey	MISCELLANEOUS						(SUR) 11,000m <sup>2</sup> x 1.5P/M <sup>2</sup> (EXP) 2 POINTS									101	
Architect Engineering & Supervision							Facility total x 15%								2,398		
Medical Consultant							Facility total x 5%								800		
Administration							Facility total x 5%								800		
Local Reuse & Freight Reverse							Local : Civil work total x 1.5% Freight: Civil work total								202		
Physical Contingency							Facility total x 10%								1,599		
Price Contingency							Facility total x 30%								4,795		
Miscellaneous Total															10,695		
GRAND TOTAL															26,683		

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term of March - August - 1979.

I-7 (SEPARATED) GABRIELA-SILANG PROVINCIAL HOSPITAL (100 BEDS)

ITEM	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE			DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(F)	(M)		
	Floor Area (M <sup>2</sup> )	770	380	370	1,140			290	250	40	(OC) 170		(CH) 60	(F) 180	(M) 80	(30+11)	4,070
	Number of Unit				(50Bx2)								(C) 110	(S) 50	(10+11)	Chapel is not included.	
	Unit Cost	2,400	2,200	2,200	2,100			2,000	1,600	2,400	(NO) CHAPEL		(1+2)	(4+1)		40.70M <sup>2</sup> /BED (34.10M <sup>2</sup> /BED)	
	Building Cost	1,848	836	814	2,394			580	400	96	121		375	450	494	8,408	
	Foundation Cost etc.																
	Demolish Cost						(2,240 x 20)				45						
	Sub-Total	1,848	836	814	2,394			580	400	96	166		375	450	494	8,453	
	Cost Including Price Increase ①															9,722	
	Inside Plumbing	770	380	370													
	Floor Area (M <sup>2</sup> )																
	Number of Unit																
	Unit Cost																
	Cost	89	71	-	112			33	18				39	65	54	481	
	Outside Plumbing																
	Deep Well Unit															1,262	
	Water Tank Unit															195	
	Water Pump Unit															279	
	Sewage Treatment Tank Unit															270	
	Kitchen System															714	
	Laundry System															261	
	Garbage Furnace Unit															417	
	Fire Extinguisher															106	
	Air Conditioning	589														23	
	Sub-Total															589	
	Cost Including Price Increase ②															4,597	
																4,965	

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term of March - August - 1979.

I-7 GABRIELA-SILANG PROVINCIAL HOSPITAL

ITEMS	SECTION	MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL
		ANC.	OPD.	ADM.	WARD	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER			
ELECTRICAL WORK	Lighting & Power Supply for Mech. Equipment, Telephones, Speaker, Interphone, Nurse Call & Others	192	76	72	148			50	42	6	26	27	39	44	722	
	Generator & Distribution														1,210	
	Outside Wiring														185	
	Sub-Total														2,117	
	Cost, Including Price Increase														2,265	
	Site Development Work														548	
	Cost, Including Price Increase														630	
	Civil Work Total														17,581	
MEDICAL EQUIPMENT	Medical Equipment & Furniture	2,128	307												2,435	
	Medical Gas Plumbing															
	Sub-Total														2,435	
	Cost, Including Price Increase														2,509	
	Facility Total														20,090	
	(1) + (2) + (3) + (4) + (5)															
MISCELLANEOUS	Surveying Soil Exploration Water Source & Quality Survey				(SUR) 33,000M <sup>2</sup> x 1.5P/M <sup>2</sup> (EXP) 2 POINTS										134	
	Architect Engineering & Supervision				Facility total										3,014	
	Medical Consultants				Facility total										1,004	
	Administration				Facility total										1,004	
	Local Revis & Freight				Local Revis & Freight Civil work total x 1.5% Facility total										264	
	Physical Contingency				Facility total										2,009	
	Price Contingency				Facility total										6,027	
	Miscellaneous Total														13,456	
	GRAND TOTAL														33,546	

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost : During the term  
 Including Price Increase : of March - August - 1979.

(SEPARATED)  
 I-8 DON MARIANO MARCOS MEMORIAL HOSPITAL (MC) (100 BEDS)

ITEM	SECTION			MAIN BUILDINGS				WARD		SERVICE		OTHER			RESIDENCE		DORMITORY	TOTAL	
	ANC.	OPD.	ADML.	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE	DOCTOR'S QUARTER	(NO)	(NO)	(NO)	(NO)	(NO)			
BUILDING WORK	Floor Area (M <sup>2</sup> )			(NO) 1,740				(ME) 50	#2 (NO) 870								110		
	Number of Unit	(NO) 2,150		(50Bx2)					#3 (NO) 950								(NO) 130	(NO) 130	
	Unit Cost																		
	New Construction																		
	Major Renovation																		
Medium Renovation																			
Minor Renovation																			
No Renovation																			
Building Cost																			
Foundation Cost etc.																			
Demolish Cost																			
Sub-Total																			
Cost including Price Increase (1)																			
MECHANICAL WORK	Floor Area (M <sup>2</sup> )																		
	Number of Unit																		
	Unit Cost																		
	Cost																		
	Outside Plumbing																		
	Deep Well Unit																		
	Water Tank Unit																		
	Water Pump Unit																		
	Sewage Treatment Tank Unit																		
	Kitchen System																		
	Laundry System																		
	Garbage Furnace Unit																		
Fire Extinguisher																			
Air Conditioning																			
Sub-Total																			
Cost including Price Increase (2)																			

\*2. Training Center in 5F of new building.  
 \*3. " " in existing building.  
 \*4. Training Facilities are not included.

I-8 DON MARIANO MARCOS MEMORIAL HOSPITAL

Total Cost : 1,000 Pesos  
 Unit Cost : Pesos  
 Cost Including Price Increase : During the term  
 of March - August - 1979.

ITEMS	MAIN BUILDINGS				WARD		SERVICE		RESIDENCE			DORMITORY	TOTAL
	ANC.	OPD.	ADM.	WC	WARD	WC	I	II	MORGUE	OTHER	CHIEF'S RESIDENCE		
ELECTRICAL WORK	Lighting & Power Supply for Med. Equipment Telephone, Speaker, Interphone, Nurse Call & Others												18
	Generator & Distribution												1,210
	Outside Wiring												63
	Sub-Total												1,291
Cost Including Price Increase ③												1,381	
Site Development Work													
(CAR) 3,300M <sup>2</sup>												209	
(ROAD) 1,800M <sup>2</sup>												240	
Cost Including Price Increase ④												5,015	
Civil Work Total ①+②+③+④												5,105	
MEDICAL EQUIPMENT	Medical Equipment & Furniture												244
	Medical Gas Plumbing												
	Sub-Total												5,105
	Cost Including Price Increase ⑤												5,259
Facility Total ①+②+③+④+⑤												10,274	
Surveying Soil Exploration Water Source & Quality Survey												14	
MISCELLANEOUS	Architect Engineering & Supervision Facility total x 15%												1,541
	Medical Consultant Facility total x 5%												514
	Administration Facility total x 5%												514
	Local Revis. & Freight Revis. Civil work total x 1.5%												75
	Physical Contingency Facility total x 10%												1,027
Price Contingency Facility total x 30%												3,082	
Miscellaneous Total												6,767	
GRAND TOTAL												17,041	