

REPORT  
ON  
HOSPITAL FACILITIES IMPROVEMENT PROJECT  
REPUBLIC OF INDONESIA

VOLUME 1

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JAPAN INTERNATIONAL COOPERATION AGENCY

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**1 COST ESTIMATE OF PROJECT**

1-1 Cost of Project (Foreign Exchange)

		(Unit: 1 thousand yen)
Medical Equipment		1,841,046
Laboratory Equipment		328,717
Electricity facilities and workshop		1,920,620
Water supply facilities and others		796,700
Sub total		4,887,083
Freight and Insurance	x 0.1	488,709
Training	x 0.05	244,355
Contingency	x 0.1	488,709
Sub total		1,221,773
Total		6,108,856

(Local Currency)

		(Unit: 1 thousand Up)
Electric wire construction		1,410,000
Share for transformer		324,831
Water supply facilities and others		200,100
Building		920,047
Total		2,854,978

Costs for custom's clearance, inland transportation, part of equipment installation, etc. are not estimated.

1-2 Cost for each hospital by sector (foreign exchange)

(1) North Surawesi

(Unit: 1 thousand yen)

	Medical equipment	Laboratory equipment	Electricity facilities and workshop	Water supply facilities and others	Total
Gunung Wenang	202,644	31,978	170,750	108,900	514,272
Tondano	75,346	13,903	81,020	21,000	191,269
Kotamobagu	75,467	13,903	75,080	21,000	185,450
Gorontalo	75,467	13,903	77,110	32,000	198,480
Kendage	52,696	10,917	62,100	17,300	143,013
Sub-total	481,620	84,604	466,060	200,200	1,232,484

(2) South Surawesi

(Unit: 1 thousand yen)

	Medical equipment	Laboratory equipment	Electricity facilities and workshop	Water supply facilities and others	Total
Ujung Pandang	213,118	31,978	141,280	122,500	508,876
Pare-pare	75,094	13,537	82,950	23,300	194,881
Palopo	52,696	10,917	93,910	23,100	180,623
Soppeng	50,671	10,576	95,800	27,100	184,147
Tenriawaru	52,696	10,917	97,420	28,900	189,933
Elim Rantepao	38,333	10,917	95,300	23,100	167,650
Bantaeng	38,012	10,297	93,060	22,700	164,069
Sub-total	520,620	99,139	699,720	270,700	1,590,179



(3) North Sumatera

(Unit: 1 thousand yen)

	Medical equipment	Laboratory equipment	Electricity facilities and workshop	Water supply facilities and others	Total
Medan	338,569	43,105	165,990	151,600	699,264
Pematang Siantar	148,561	29,232	95,920	32,000	305,713
Tarutung	82,085	13,662	91,160	27,900	214,807
Kisaran	75,094	15,648	80,270	23,300	194,312
Rantau Prapat	52,696	10,796	98,180	28,400	190,072
Tebing Tinggi	50,671	10,697	64,200	17,500	143,068
Tanjung Balai	45,565	10,917	61,790	16,900	135,172
Porsea	45,565	10,917	97,330	28,200	182,012
Sub-total	838,806	144,974	754,840	325,800	2,064,420
Total	1,841,046	328,717	1,920,620	796,700	4,887,083

1-3 Cost for each hospital by sector (Local currency)

(Unit: 1 thousand Rp)

		Electric wire construction	Share for transformur	Water supply facilities and others	Building	Total
North Surawesi	Gunung Wenang	160,000	33,507	0	93,362	286,869
	Tondano	40,000	15,409	1,900	47,312	104,621
	Kotamobagu	30,000	15,310	0	47,312	92,622
	Gorontalo	55,800	15,409	2,000	62,375	135,584
	Kendage	38,500	11,235	0	35,547	85,282
	Sub-total	324,300	90,870	3,900	285,908	704,978
South Surawesi	Ujung Pandang	128,000	33,507	37,000	86,563	285,070
	Pare-Pare	50,000	15,409	7,200	34,927	107,536
	Palopo	44,700	11,235	6,300	29,138	91,373
	Soppeng	30,000	11,235	5,900	29,138	76,273
	Tenriawaru	34,000	11,235	2,900	30,002	78,137
	Elim Rantepao	22,400	11,235	6,400	29,138	69,173
	Bantaeng	37,600	11,235	1,200	29,138	79,173
	Sub-total	346,700	105,091	66,900	268,044	786,735
North Sumatera	Medan	289,300	34,222	53,100	107,841	484,463
	Pemantang Siantar	99,500	18,890	11,200	56,268	185,858
	Tarutung	137,300	15,409	26,500	43,817	223,026
	Kisaran	62,400	15,409	7,600	37,265	122,674
	Pantau Prapat	45,200	11,235	7,300	31,781	95,516
	Tebing Tinggi	42,300	11,235	1,900	28,739	84,174
	Tanjung Balai	37,100	11,235	5,200	28,508	82,043
	Porsea	25,900	11,235	16,500	31,876	85,511
	Sub-total	739,000	128,870	129,300	366,095	1,363,265
<b>Total</b>	<b>1,410,000</b>	<b>324,831</b>	<b>200,100</b>	<b>920,047</b>	<b>2,854,978</b>	

1-4 Break down cost for laboratory equipment of each hospital

(Unit: 1 thousand yen)

		Laboratory instrument	Glassware, reagent, other consumptions	Total
North Sulawesi	Gunung Wenang	29,300	2,678	31,978
	Tondano	11,225	2,678	13,903
	Kotamobagu	11,225	2,678	13,903
	Gorontalo	11,225	2,678	13,903
	Kendage	8,549	2,368	10,917
	Sub-total	71,524	13,080	84,604
South Sulawesi	Ujung Pandang	29,300	2,678	31,978
	Watam Pone	8,549	2,368	10,917
	Soppeng	8,208	2,368	10,576
	Pare Pare	10,859	2,678	13,537
	Rantepao	8,549	2,368	10,917
	Palopo	8,549	2,368	10,917
	Bantaeng	7,929	2,368	10,297
	Sub-total	81,943	17,196	99,139
North Sumatera	Medan	40,247	2,678	43,105
	Tarutung	10,984	2,678	13,662
	Porsea	8,549	2,368	10,917
	Siantar	26,554	2,678	29,232
	T. Tinggi	8,329	2,368	10,697
	Tanjung Balai	8,549	2,368	10,917
	Kisaran	12,970	2,678	15,648
	Rantauprapat	8,428	2,368	10,796
	Sub-total	124,790	20,184	144,974
Total	278,257	50,460	328,717	

1-5 Break down cost for electricity facilities and workshop of each hospital

(Unit: 1 thousand yen)

		Generator	Main Line	Workshop	Maintenance	Total
North Sarawesi	Gunung Wenang	73,000	75,200	17,050	5,500	170,750
	Tondano	53,950	19,020	2,550	5,500	81,020
	Kotamobagu	53,950	13,080	2,550	5,500	75,080
	Gorontalo	55,150	13,910	2,550	5,500	77,110
	Kendage	40,850	13,800	2,550	5,500	62,100
	Sub total	276,900	134,410	27,250	27,500	466,060
South Sarawesi	Ujung Pandang	73,000	45,730	17,050	5,500	141,280
	Watam Pone	71,950	17,420	2,550	5,500	97,420
	Suppen	71,950	15,800	2,550	5,500	95,800
	Pare Pare	53,950	20,950	2,550	5,500	82,950
	Rant Pao	71,950	15,300	2,550	5,500	95,300
	Palopo	71,950	13,910	2,550	5,500	93,910
	Bantaeng	71,950	13,060	2,550	5,500	93,060
	Sub total	486,700	142,170	32,350	38,500	699,720
North Sumatera	Medan	73,000	70,440	17,050	5,500	165,990
	Tarutung	53,950	89,160	2,550	5,500	91,160
	Porsea	71,950	17,330	2,550	5,500	97,330
	Sianter	53,950	33,920	2,550	5,500	95,920
	T.Tinggi	40,850	15,300	2,550	5,500	64,200
	Tanjung Balai	40,850	12,890	2,550	5,500	61,790
	Kisaran	53,950	18,270	2,550	5,500	80,270
	Rantauprapat	71,950	18,180	2,550	5,500	98,180
	Sub total	460,450	215,490	34,900	44,000	754,860
<b>Total</b>	<b>1,224,050</b>	<b>492,070</b>	<b>94,500</b>	<b>110,000</b>	<b>1,920,620</b>	

1-6-1 Break down cost of Electric wire construction (local currency)

	New construction		Installation New attachment			Rehabili- tation	Total
	① Space m <sup>2</sup>	② RP 1×30000	③ Space	④ ×15000RP	④ ×25%	⑤ ③×8000RP	① + ④ + ⑤ RP
Gunung Wenang	1,454	43,620	9,930	148,950	37,237	79,440	160,000,000
Tondano	714	21,420	1,649	24,735	6,183	13,192	40,000,000
Kotamobagn	714	"	2,444	36,660	9,165	-	30,000,000
Gorontalo	714	"	2,927	43,905	10,976	23,416	55,800,000
Kendage	502	15,060	2,000	30,000	7,500	16,000	38,500,000
Ujung Pandang	1,458	43,740	7,185	107,775	26,943	57,480	128,000,000
Watan pone	472	14,160	1,700	25,500	6,375	13,600	34,000,000
Soppeng	472	"	1,368	20,520	5,130	10,944	30,000,000
Pare pare	664	19,920	2,630	39,450	9,862	21,040	50,000,000
Pantpao	472	14,160	2,214	33,210	8,302	-	22,400,000
Palopo	472	"	2,600	39,000	9,750	20,800	44,700,000
Bantaeng	472	"	2,000	30,000	7,500	16,000	37,600,000
Medan	1,810	54,300	20,000	300,000	75,000	160,000	289,300,000
Tartung	714	21,420	9,864	147,960	36,990	78,912	137,300,000
Porsea	472	14,160	1,000	15,000	3,750	8,000	25,900,000
Sianter	968	29,040	6,000	90,000	22,500	48,000	99,500,000
T. Tinggi	454	13,620	2,446	36,690	9,172	19,568	42,300,000
Tanjung Bali	454	"	2,000	30,000	7,500	16,000	37,100,000
Kisaran	694	20,820	3,544	53,160	13,290	28,352	62,400,000
Rantanprapat	472	14,160	2,643	39,645	9,911	21,144	45,200,000
Total							1,410,000,000

1-6-2 Cost estimate for share of transformer

Share 65,000 1 kVA  
Security 11,000 1 kVA

	For general use		For x-ray		Security		Total (RP)
	trans- former kVA	amount ×1000 <sup>RP</sup>	trans- former kVA	amount ×1000 <sup>RP</sup>	contract capacity	amount ×1000 <sup>RP</sup>	
Gunung Wenang	300	19,500	150	9,750	387	4,257	33,507,000
Tondano	100	6,500	100	6,500	219	2,409	15,409,000
Kotamobagn	100	"	100	"	210	2,310	15,310,000
Gorontalo	100	"	100	"	219	2,409	15,409,000
Kendage	150	9,750			135	1,485	11,235,000
Ujung Pandang	300	19,500	150	9,750	387	4,257	33,507,000
Watam Pone	150	9,750			135	1,485	* 11,235,000
Soppeng	150	"			135	"	* 11,235,000
Pare Pare	100	6,500	100	6,500	219	2,409	15,409,000
Rantepao	150	9,750			135	1,485	* 11,235,000
Palopo	150	"			135	"	* 11,235,000
Bantaeng	150	"			135	"	* 11,235,000
Medan	300	19,500	150	9,750	452	4,972	34,222,000
Tartung	100	6,500	100	6,500	219	2,409	15,409,000
Porsea	150	9,750			135	1,485	* 11,235,000
Sianter	150	"	100	6,500	240	2,640	18,890,000
T.Tinggi	150	"			135	1,485	* 11,235,000
Tanjung Balai	150	"			135	"	* 11,235,000
Kisaran	100	6,500	100	6,500	219	2,409	15,409,000
Rantanprapat	150	9,750			135	1,485	** 11,235,000
Total	3,150	204,750	1,150	74,750			324,831,000

Note: \* the amount will be less than this, if use pole-transformer

\*\* necessary from 1979, when sufficient electricity will be supplied.

## 1-7 Cost for water supply facilities and others

Name of hospital	Foreign exchange 10 <sup>3</sup> yen	Local currency 10 <sup>3</sup> RP
Gunung Wenang	108,900	0
Tondano	21,000	1,900
Kotamobagu	21,000	0
Gorontalo	32,000	2,000
Liun Kendage	17,300	0
Ujung Pandang	122,500	37,100
Pare-Pare	23,300	7,200
Palopo	23,100	6,300
Soppeng	27,100	5,900
Tenriawaru	28,900	2,900
Elim Rantepao	23,100	6,400
Bantaeng	22,700	1,200
Medan	151,600	53,100
Pematang Siantar	32,000	11,200
Tartung	27,900	26,500
Kisaran	23,300	7,600
Rantau Prapat	28,400	7,300
Tebing Tinggi	17,500	1,900
Tanjung Balai	16,900	5,200
Porsea	28,200	16,500
Total	796,700	200,200

WATER SUPPLY FACILITIES AND OTHERS	1/20	NAME OF HOSPITAL	Gunung Wenang	CLASS	B
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ITEM	GROUP MARK	SPACE OF BUILD- ING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)	
A1. Water supply equipment Water treat- ment equipment	-	-	-	-	-	
A2. Outside water pipes	-	-	-	-	-	
B. Kitchen	K - W	392	12.5	22,900	-	
C. Laundry	L - W	196	8.9	17,900	-	
D. Solid disposal	D - III•IV	32.5	14.5	7,400	-	
E1. Boiler plant	B - IV	168	29.5	51,000	-	
E2. Outside steam pipes		-	6.0	7,500	-	
F. Air cooler	C - (5)	-	1.7	2,200	-	
Total			73.1	108,900	-	



WATER SUPPLY FACILITIES AND OTHERS	2/20	NAME OF HOSPITAL	Tondano	CLASS	C
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ITEM	GROUP MARK	SPACE OF BUILD- ING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)	
A1. Water supply equipment	-	-	-	-	-	
Water treat- ment equipment	-	-	-	-	-	
A2. Outside water pipes	-	-	-	-	1,900	
B. Kitchen	K - II	216	4.7	7,700	-	
C. Laundry	1 - II	110	4.4	8,200	-	
D. Solid disposal	D - I • II - (a)	24	7.0	4,300	-	
E1. Boiler plant	-	-	-	-	-	
E2. Outside steam pipes	-	-	-	-	-	
F. Air cooler	C - (3)	-	0.6	800	-	
Total			16.7	21,000	1,900	

WATER SUPPLY FACILITIES AND OTHERS		3/20	NAME OF HOSPITAL		Kotamobagu		CLASS	C
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS		
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)			
A1. Water supply equipment	-	-	-	-	-			
Water treatment equipment	-	-	-	-	-			
A2. Outside water pipes	-	-	-	-	-			
B. Kitchen	K - II	216	4.7	7,700	-			
C. Laundry	L - II	110	4.4	8,200	-			
D. Solid disposal	D - I-II - (a)	24	7.0	4,300	-			
E1. Boiler plant	-	-	-	-	-			
E2. Outside steam pipes	-	-	-	-	-			
F. Air cooler	C - (3)	-	0.6	800	-			
Total			16.7	21,000	-			

WATER SUPPLY FACILITIES AND OTHERS		4/20	NAME OF HOSPITAL	Gorontalo		CLASS	C
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS	
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)		
A1. Water supply equipment Water treatment equipment	W - II - (b) - H	12.6	6.3	7,100	-		
A2. Outside water pipes		-	-	-	2,000		
B. Kitchen	K - O K - II	150 216	2.3 4.7	3,900 7,700	-		
C. Laundry	L - II	110	4.4	8,200	-		
D. Solid disposal	D - I•II - (a)	24	7.0	4,300	-		
E1. Boiler plant	-	-	-	-	-		
E2. Outside steam pipes	-	-	-	-	-		
F. Air cooler	C - (3)	-	0.6	800	-		
Total			25.3	32,000	2,000		

WATER SUPPLY FACILITIES AND OTHERS		5/20	NAME OF HOSPITAL		Lium Kendage		CLASS	D <sup>+</sup>
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS		
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)			
A1. Water supply equipment Water treatment equipment	-	-	-	-	-			
A2. Outside water pipes	-	-	-	-	-			
B. Kitchen	K - I	150	3.3	5,600	-			
C. Laundry	L - I	99	3.6	6,800	-			
D. Solid disposal	D - I • II - (a)	24	7.0	4,300	-			
E1. Boiler plant	-	-	-	-	-			
E2. Outside steam pipes	-	-	-	-	-			
F. Air cooler	C - (2)	-	0.5	600	-			
Total			14.4	17,300	-			

WATER SUPPLY FACILITIES AND OTHERS		6/20	NAME OF HOSPITAL		Ujung Pandang		CLASS	A
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS		
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)			
A1. Water supply equipment Water treatment equipment	W - IV - H	17.5	7.8	9,100	30,000			
A2. Outside water pipes		-	-	-	7,100			
B. Kitchen	K - IV	392	12.5	22,900	-			
C. Laundry	L - IV	196	8.9	17,900	-			
D. Solid disposal	D - III•IV	32.5	14.5	7,400	-			
E1. Boiler plant	B - IV	168	29.5	51,000	-			
E2. Outside steam pipes		-	8.5	12,000	-			
F. Air cooler	C - (6)	-	1.7	2,200	-			
Total			83.4	122,500	37,100			

WATER SUPPLY FACILITIES AND OTHERS		7/20	NAME OF HOSPITAL	Pare - Pare		CLASS	C
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS	
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)		
A1. Water supply equipment Water treatment equipment	W - I - (a) - H	12	5.4	5,800	4,500		
A2. Outside water pipes		-	-	-	2,700		
B. Kitchen	K - I	150	3.3	5,600	-		
C. Laundry	L - I	99	3.6	6,800	-		
D. Solid disposal	D - I-II - (a)	24	7.0	4,300	-		
E1. Boiler plant	-	-	-	-	-		
E2. Outside steam pipes	-	-	-	-	-		
F. Air cooler	C - (3)	-	0.6	800	-		
Total			19.9	23,300	7,200		

WATER SUPPLY FACILITIES AND OTHERS		8/20	NAME OF HOSPITAL		Palopo		CLASS	D <sup>+</sup>
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS		
				FOREIGN EXCHANGE (10-yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)			
A1. Water supply equipment Water treatment equipment	W - I - H (a)	12	5.4	5,800	4,500			
A2. Outside water pipes		-	-	-	1,800			
B. Kitchen	K - I	150	3.3	5,600	-			
C. Laundry	L - I	99	3.6	6,800	-			
D. Solid disposal	D - I-II (a)	24	7.0	4,300	-			
E1. Boiler plant	-	-	-	-	-			
E2. Outside steam pipes	-	-	-	-	-			
F. Air cooler	C - (2)	-	0.5	600	-			
Total			19.8	23,100	6,300			

WATER SUPPLY FACILITIES AND OTHERS	9/20	NAME OF HOSPITAL	Soppeng	CLASS	D <sup>+</sup>
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ITEM	GROUP MARK	SPACE OF BUILD- ING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)	
A1. Water supply equipment Water treat- ment equipment	W - I - (a) - H	12	5.4 11.5	5,800 4,000	4,500	
A2. Outside water pipes		-	-	-	1,400	
B. Kitchen	K - I	150	3.3	5,600	-	
C. Laundry	L - I	99	3.6	6,800	-	
D. Solid disposal	D - I·II - (a)	24	7.0	4,300	-	
E1. Boiler plant	-	-	-	-	-	
E2. Outside steam pipes	-	-	-	-	-	
F. Air cooler	C - (2)	-	0.5	600	-	
Total			31.3	27,100	5,900	



WATER SUPPLY FACILITIES AND OTHERS		10/20	NAME OF HOSPITAL	Tenriawaru		CLASS	D <sup>+</sup>
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS	
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)		
A1. Water supply equipment	W - I - (a), b - H	12	5.4	5,800	-		
Water treatment equipment		12	5.4	5,800	-		
A2. Outside water pipes		-	-	-	2,900		
B. Kitchen	K - I	150	3.3	5,600	-		
C. Laundry	L - I	99	3.6	6,800	-		
D. Solid disposal	D - I-II (a)	24	7.0	4,300	-		
E1. Boiler plant	-	-	-	-	-		
E2. Outside steam pipes	-	-	-	-	-		
F. Air cooler	C - (2)	-	0.5	600	-		
Total			25.2	28,900	2,900		

WATER SUPPLY FACILITIES AND OTHERS		11/20	NAME OF HOSPITAL	Elim Rantepao		CLASS	D <sup>+</sup>
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS	
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)		
A1. Water supply equipment Water treatment equipment	W - I - H (a)	12	5.4	5,800	4,500		
A2. Outside water pipes		-	-	-	1,900		
B. Kitchen	K - I	150	3.3	5,600	-		
C. Laundry	L - I	99	3.6	6,800	-		
D. Solid disposal	D - I·II (a)	24	7.0	4,300	-		
E1. Boiler plant	-	-	-	-	-		
E2. Outside steam pipes	-	-	-	-	-		
F. Air cooler	C - (2)	-	0.5	600	-		
Total			19.8	23,100	6,400		

WATER SUPPLY FACILITIES AND OTHERS		12/20	NAME OF HOSPITAL		Bantaeng		CLASS	D
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS		
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)			
A1. Water supply equipment Water treatment equipment	W - I - H (b)	12	5.4	5,800	-			
A2. Outside water pipes		-	-	-	1,200			
B. Kitchen	K - I	150	3.3	5,600	-			
C. Laundry	L - I	99	3.6	6,800	-			
D. Solid disposal	D - I-II (a)	24	7.0	4,300	-			
E1. Boiler plant	-	-	-	-	-			
E2. Outside steam pipes	-	-	-	-	-			
F. Air cooler	C - (1)	-	0.2	200	-			
Total			19.5	22,700	1,200			

WATER SUPPLY FACILITIES AND OTHERS		13/20	NAME OF HOSPITAL	Medan	CLASS	A
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)	
A1. Water supply equipment Water treatment equipment	W - V - H	17.5	10.1	11,800	45,000	
A2. Outside water pipes		-	-	-	8,100	
B. Kitchen	K - V	510	16.8	29,800	-	
C. Laundry	L - V	224	13.0	23,600	-	
D. Solid disposal	D - V	55.3	29.0	14,500	-	
E1. Boiler plant	B - V	168	32.9	55,000	-	
E2. Outside steam pipes		-	10.0	14,500	-	
F. Air cooler	C - (7)	-	1.8	2,400	-	
Total			113.6	151,600	53,100	

WATER SUPPLY FACILITIES AND OTHERS		14/20	NAME OF HOSPITAL		Pematang Siantar		CLASS	B
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS		
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)			
A1. Water supply equipment	-	-	-	-	-			
A2. Water treatment equipment	-	-	-	-	-			
A2. Outside water pipes	-	-	-	-	11,200			
B. Kitchen	K - III	336	8.0	12,000	-			
C. Laundry	L - III	143	5.7	11,000	-			
D. Solid disposal	D - III-IV	32.5	14.5	7,400	-			
E1. Boiler plant	-	-	-	-	-			
E2. Outside steam pipes	-	-	-	-	-			
F. Air cooler	C - (4)	-	1.2	1,600	-			
Total			29.4	32,000	11,200			

WATER SUPPLY FACILITIES AND OTHERS	15/20	NAME OF HOSPITAL	Tartung	CLASS	C
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ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)	
A1. Water supply equipment Water treatment equipment	W - II - (a) - H	12.6	6.3	6,900	-	
A2. Outside water pipes		-	-	-	26,500	
B. Kitchen	K - II	216	4.7	7,700	-	
C. Laundry	L - II	110	4.4	8,200	-	
D. Solid disposal	D - I•II - (a)	24	7.0	4,300	-	
E1. Boiler plant	-	-	-	-	-	
E2. Outside steam pipes	-	-	-	-	-	
F. Air cooler	C - (3)	-	0.6	800	-	
Total			23.0	27,900	26,500	

WATER SUPPLY FACILITIES AND OTHERS		16/20	NAME OF HOSPITAL		Kisaran		CLASS	C
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS		
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)			
A1. Water supply equipment Water treatment equipment	W - I - (a) - H	12	5.4	5,800	4,500			
A2. Outside water pipes		-	-	-	3,100			
B. Kitchen	K - I	150	3.3	5,600	-			
G. Laundry	L - I	99	3.6	6,800	-			
D. Solid disposal	D - I-II - (a)	24	7.0	4,300	-			
E1. Boiler plant	-	-	-	-	-			
E2. Outside steam pipes	-	-	-	-	-			
F. Air cooler	C - (3)	-	0.6	800	-			
Total			19.9	23,300	7,600			

WATER SUPPLY FACILITIES AND OTHERS		17/20	NAME OF HOSPITAL	Rantau Prapat		CLASS	D <sup>+</sup>
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS	
				FOREIGN EXCHANGE (10 <sup>3</sup> yen)	LOCAL CURRENCY (10 <sup>3</sup> RP)		
A1. Water supply equipment Water treatment equipment	W - I - H (c)	21	5.8 11.5	7,100 4,000	4,500		
A2. Outside water pipes		-	-	-	2,800		
B. Kitchen	K - I	150	3.3	5,600	-		
C. Laundry	L - I	99	3.6	6,800	-		
D. Solid disposal	D - I-II (a)	24	7.0	4,300	-		
E1. Boiler plant	-	-	-	-	-		
E2. Outside steam pipes	-	-	-	-	-		
F. Air cooler	C - (2)	-	0.5	600	-		
Total			31.7	28,400	7,300		



WATER SUPPLY FACILITIES AND OTHERS		18/20	NAME OF HOSPITAL	Tebing Tinggi		CLASS	D <sup>+</sup>
ITEM	GROUP MARK	SPACE OF BUILD- ING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS	
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)		
A1. Water supply equipment Water treat- ment equipment	W - I - (a) - H	3	0.1	200	-		
A2. Outside water pipes		-	-	-	1,900		
B. Kitchen	K - I	150	3.3	5,600	-		
C. Laundry	L - I	99	3.6	6,800	-		
D. Solid disposal	D - I·II - (a)	24	7.0	4,300	-		
E1. Boiler plant	-	-	-	-	-		
E2. Outside steam pipes	-	-	-	-	-		
F. Air cooler	C - (2)	-	0.5	600	-		
Total			14.5	17,500	1,900		

WATER SUPPLY FACILITIES AND OTHERS		19/20	NAME OF HOSPITAL	Tanjung Balai		CLASS	D
ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS	
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)		
A1. Water supply equipment	-	-	-	-	-		
A2. Water treatment equipment	-	-	-	-	-		
B. Outside water pipes	-	-	-	-	5,200		
C. Kitchen	K - I	150	3.3	5,600	-		
D. Laundry	L - I	99	3.6	6,800	-		
E. Solid disposal	D - I • II - (a)	24	7.0	4,300	-		
F1. Boiler plant	-	-	-	-	-		
F2. Outside steam pipes	-	-	-	-	-		
G. Air cooler	C - (1)	-	0.2	200	-		
Total			14.1	16,900	5,200		

WATER SUPPLY FACILITIES AND OTHERS	20/20	NAME OF HOSPITAL	Porsea	CLASS	D
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ITEM	GROUP MARK	SPACE OF BUILDING (M <sup>2</sup> )	WEIGHT (T)	PRICE		REMARKS
				FOREIGN EXCHANGE (10 <sup>3</sup> ven)	LOCAL CURRENCY (10 <sup>3</sup> RP)	
A1. Water supply equipment Water treatment equipment	W - I - H (d)	22.2	11.2	11,300	13,500	
A2. Outside water pipes		-	-	-	3,000	
B. Kitchen	K - I	150	3.3	5,600	-	
C. Laundry	L - I	99	3.6	6,800	-	
D. Solid disposal	D - I-II (a)	24	7.0	4,300	-	
E1. Boiler plant	-	-	-	-	-	
E2. Outside steam pipes	-	-	-	-	-	
F. Air cooler	C - (1)	-	0.2	200	-	
Total			25.3	28,200	16,500	

1-8 Cost for building construction of each hospital

Name of hospital	Local currency 10 <sup>3</sup> RP
Gunung Wenang	93,361.8
Tondano	47,311.8
Kotamobagu	47,311.8
Gorontalo	62,375.3
Liun Kendage	35,547.3
Ujung Pandang	86,563.8
Pare-Pare	34,927.2
Palopo	29,138.4
Soppeng	29,138.4
Tenriawaru	30,002.4
Elim Rantepao	29,138.4
Bantaeng	29,138.4
Medan	107,841.4
Pematang Siantar	56,267.5
Tartung	43,817.1
Kisaran	37,264.5
Rantau Prapat	31,780.5
Tebing Tinggi	28,738.5
Tanjung Balai	28,508.1
Porsea	31,875.7
Total	920,048.3

BUILDING		1/20	NAME OF HOSPITAL	Gunung Wenang	CLASS	B
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	108	101,800	10,994.4			
2 Substation room	-	-	-			
3 Pump room	-	-	-			
4 Kitchen	392	93,300	36,573.6			
5 Laundry	196	93,300	18,286.8			
6 Solid disposal room	32.5	63,600	2,067.0			
7 Boiler room	168	84,800	14,246.4			
8 Work shop	132	84,800	11,193.6			
Total			93,361.8			



BUILDING		3/20	NAME OF HOSPITAL	Kotamobagu	CLASS : C
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS	
1 Generator room	96	101,800	9,772.8		
2 Substation room	66	84,800	5,596.8		
3 Pump room	-	-	-		
4 Kitchen	216	93,300	20,152.8		
5 Laundry	110	93,300	10,263.0		
6 Solid disposal room	24	63,600	1,526.4		
7 Boiler room	-	-	-		
8 Work shop					
Total			47,311.8		

BUILDING		4/20	NAME OF HOSPITAL	Gorontalo	CLASS	C
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	96	101,800	9,772.8			
2 Substation room	66	84,800	5,596.8			
3 Pump room	12.6	84,800	1,068.5			
4 Kitchen	366	93,300	34,147.8			
5 Laundry	110	93,300	10,263.0			
6 Solid disposal room	24	63,600	1,526.4			
7 Boiler room	-	-	-			
8 Work shop						
Total			62,375.3			



BUILDING		5/20	NAME OF HOSPITAL	Liun Kendage	CLASS	D <sup>+</sup>
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	66	101,800	6,718.8			
2 Substation room	48	84,800	4,070.4			
3 Pump room	-	-	-			
4 Kitchen	150	93,300	13,995.0			
5 Laundry	99	93,300	9,236.7			
6 Solid disposal room	24	63,600	1,526.4			
7 Boiler room	-	-	-			
8 Work shop						
Total			35,547.3			

BUILDING		6/20	NAME OF HOSPITAL	Ujung Pandang	CLASS	A
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	108	86,400	9,331.2			
2 Substation room	84	72,000	6,048.0			
3 Pump room	17.5	72,000	1,260.0			
4 Kitchen	392	79,200	31,046.4			
5 Laundry	196	79,200	15,523.2			
6 Solid disposal room	32.5	54,000	1,755.0			
7 Boiler room	168	72,000	12,096.0			
8 Work shop	132	72,000	9,504.0			
Total			86,563.8			



BUILDING		8/20	NAME OF HOSPITAL	Palopo	CLASS	D <sup>+</sup>
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	84	86,400	7,257.6			
2 Substation room	-	-	-			
3 Pump room	12	72,000	864.0			
4 Kitchen	150	79,200	11,880.0			
5 Laundry	99	79,200	7,840.8			
6 Solid disposal room	24	54,000	1,296.0			
7 Boiler room	-	-	-			
8 Work shop						
Total			29,138.4			

BUILDING		9/20	NAME OF HOSPITAL	Soppeng	CLASS	D <sup>+</sup>
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	84	86,400	7,257.6			
2 Substation room	-	-	-			
3 Pump room	12	72,000	864.0			
4 Kitchen	150	79,200	11,880.0			
5 Laundry	99	79,200	7,840.8			
6 Solid disposal room	24	54,000	1,296.0			
7 Boiler room	-	-	-			
8 Work shop						
Total			29,138.4			

BUILDING		10/20	NAME OF HOSPITAL	Tenriawaru	CLASS D <sup>+</sup>
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS	
1 Generator room	84	86,400	7,257.6		
2 Substation room	-	-	-		
3 Pump room	24	72,000	1,728.0		
4 Kitchen	150	79,200	11,880.0		
5 Laundry	99	79,200	7,840.8		
6 Solid disposal room	24	54,000	1,296.0		
7 Boiler room	-	-	-		
8 Work shop					
Total			30,002.4		

BUILDING		11/20	NAME OF HOSPITAL	Elim Rantepao	CLASS	D <sup>+</sup>
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	84	86,400	7,257.6			
2 Substation room	-	-	-			
3 Pump room	12	72,000	864.0			
4 Kitchen	150	79,200	11,880.0			
5 Laundry	99	79,200	7,840.8			
6 Solid disposal room	24	54,000	1,296.0			
7 Boiler room	-	-	-			
8 Work shop						
Total			29,138.4			

BUILDING		12/20	NAME OF HOSPITAL	Bantaeng	CLASS	D
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	84	86,400	7,257.6			
2 Substation room	-	-	-			
3 Pump room	12	72,000	864.0			
4 Kitchen	150	79,200	11,880.0			
5 Laundry	99	79,200	7,840.8			
6 Solid disposal room	24	54,000	1,296.0			
7 Boiler room	-	-	-			
8 Work shop						
Total			29,138.4			





BUILDING		14/20	NAME OF HOSPITAL	Pematang Siantar	CLASS	B
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	96	92,200	8,851.2			
2 Substation room	66	76,800	5,068.8			
3 Pump room	-	-	-			
4 Kitchen	336	84,500	28,392.0			
5 Laundry	143	84,500	12,083.5			
6 Solid disposal room	32.5	57,600	1,872.0			
7 Boiler room	-	-	-			
8 Work shop						
Total			56,267.5			

BUILDING	15/20	NAME OF HOSPITAL	Tartung	CLASS	C
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NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS
1 Generator room	96	92,200	8,851.2	
2 Substation room	66	76,800	5,068.8	
3 Pump room	12.6	76,800	967.7	
4 Kitchen	216	84,500	18,252.0	
5 Laundry	110	84,500	9,295.0	
6 Solid disposal room	24	57,600	1,382.4	
7 Boiler room	-	-	-	
8 Work shop				
Total			43,817.1	

BUILDING	16/20	NAME OF HOSPITAL	Kisaran	CLASS	C
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NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS
1 Generator room	96	92,200	8,851.2	
2 Substation room	66	76,800	5,068.8	
3 Pump room	12	76,800	921.6	
4 Kitchen	150	84,500	12,675.0	
5 Laundry	99	84,500	8,365.5	
6 Solid disposal room	24	57,600	1,382.4	
7 Boiler room	-	-	-	
8 Work shop				
Total			37,264.5	

BUILDING		17/20	NAME OF HOSPITAL	Rantau Prapat	CLASS	D <sup>+</sup>
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	84	92,200	7,744.8			
2 Substation room	-	-	-			
3 Pump room	21	76,800	1,612.8			
4 Kitchen	150	84,500	12,675.0			
5 Laundry	99	84,500	8,365.5			
6 Solid disposal room	24	57,600	1,382.4			
7 Boiler room	-	-	-			
8 Work shop						
Total			31,780.5			

BUILDING		18/20	NAME OF HOSPITAL	Tebing Tinggi	CLASS	D <sup>+</sup>
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	66	92,200	6,085.2			
2 Substation room	-	-	-			
3 Pump room	3	76,800	230.4			
4 Kitchen	150	84,500	12,675.0			
5 Laundry	99	84,500	8,365.5			
6 Solid disposal room	24	57,600	1,382.4			
7 Boiler room	-	-	-			
8 Work shop						
Total			28,738.5			

BUILDING		19/20	NAME OF HOSPITAL	Tanjung Balai	CLASS	D
NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS		
1 Generator room	66	92,200	6,085.2			
2 Substation room	-	-	-			
3 Pump room	-	-	-			
4 Kitchen	150	84,500	12,675.0			
5 Laundry	99	84,500	8,365.5			
6 Solid disposal room	24	57,600	1,382.4			
7 Boiler room	-	-	-			
8 Work shop						
Total			28,508.1			

BUILDING	20/20	NAME OF HOSPITAL	Porsea	CLASS	D
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NAME OF ROOM	FLOOR SPACE (M <sup>2</sup> )	UNIT PRICE (RP/M <sup>2</sup> )	PRICE (10 <sup>3</sup> RP)	REMARKS
1 Generator room	84	92,200	7,744.8	
2 Substation room	-	-	-	
3 Pump room	22.24	76,800	1,708.0	
4 Kitchen	150	84,500	12,675.0	
5 Laundry	99	84,500	8,365.5	
6 Solid disposal room	24	57,600	1,382.4	
7 Boiler room	-	-	-	
8 Work shop				
Total			31,875.7	



## 2 MEDICAL EQUIPMENT

## 2-1 LIST OF MEDICAL EQUIPMENT

A. Operating Theater

Name of Hospital	Item No.	1	2	3	4	5	6	7	8	9	10	11	12	13
Ujung Pandang		2	2	2	2	2	2	2	2	2	6	6	4	4
Medan		2	2	2	2	2	2	2	2	1	6	6	4	4
Gunung Wenang		2	2	2	2	1	1	2	2	1	5	5	4	4
Pematang Siantar		2	2	2	2	1	1	2	2	1	5	5	4	4
Tondano		1	1	1	1	1	1	1	1	1	4	4	3	3
Kotamobagu		1	1	1	1	1	1	1	1	1	4	4	3	3
Gorontalo		1	1	1	1	1	1	1	1	1	4	4	3	3
Pare-Pare		1	1	1	1	1	1	1	1	1	4	4	3	3
Tartung		1	1	1	1	1	1	1	1	1	4	4	3	3
Kisaran		1	1	1	1	1	1	1	1	1	4	4	3	3
Liu Kendage		1	1	1	1	1	1	1	1	3	3	2	2	
Watampone		1	1	1	1	1	1	1	1	3	3	2	2	
Soppeng		1	1	1	1	1	1	1	1	3	3	2	2	
Palopo		1	1	1	1	1	1	1	1	3	3	2	2	
Tebing Tinggi		1	1	1	1	1	1	1	1	3	3	2	2	
Rantan Prapat		1	1	1	1	1	1	1	1	3	3	2	2	
Elim Rantepao		1	1	1	1	1	1	1	1	3	3	2	2	
Bantaeng		1	1	1	1	1	1	1	1	2	2	1	1	
Porsea		1	1	1	1	1	1	1	1	2	2	1	1	
Tanjung Balaf		1	1	1	1	1	1	1	1	2	2	1	1	

B. Anesthesia

Number Hospital	1	2	3	4	5	6	7	8
Ujung Pandang	3	3	3	2	6	6	3	1
Medan	3	3	3	2	6	6	3	1
Gunung Wening	3	3	3	2	6	6	3	1
Pematang Siantar	2	2	2	2	4	4	2	1
Tondano	1	1	1	1	2	2	1	1
Kotamobagu	1	1	1	1	2	2	1	1
Gorentalo	1	1	1	1	2	2	1	1
Pare-Pare	1	1	1	1	2	2	1	1
Tarlung	1	1	1	1	2	2	1	1
Kisaran	1	1	1	1	2	2	1	1
Lium Kendage	1	1	1	1	2	2	1	1
Matampone	1	1	1	1	2	2	1	1
Soppeng	1	1	1	1			1	1
Palopo	1	1	1	1	2	2	1	1
Tebing Tinggi	1	1	1	1			1	1
Rantan Prapat	1	1	1	1	2	2	1	1
Elim Rantebao	1	1	1	1			1	1
Banuaeng	1	1	1	1			1	1
Porsea	1	1	1	1			1	1
Tanjung Balaj	1	1	1	1			1	1

C. ICU and Recovery Room

Name of Hospital	Item No.	1	2	3	4	5	6	7	8	9	10
Ujung Pandang	2		2			1	2	2	2	10	1
Medan	2	2	2	2	2	1	2	2	2	10	1
Gunung Wenang	2	2	2	2	2	1	2	2	2	10	1
Pematang Siantar	1		2	2	2	1	2	2	2	10	1
Tondano	1		1	1	1	1	1	1	1	5	1
Kotamobagu	1		1	1	1	1	1	1	1	5	1
Gorontalo	1		1	1	1	1	1	1	1	5	1
Pare-Pare	1		1	1	1	1	1	1	1	5	1
Tartung	1		1	1	1	1	1	1	1	5	1
Kisaran	1		1	1	1	1	1	1	1	5	1
Lilun Kendage			1			1	1	1	1	3	1
Watampone			1			1	1	1	1	3	1
Soppeng			1			1	1	1	1	3	1
Palopo			1			1	1	1	1	3	1
Tebing Tinggi			1			1	1	1	1	3	1
Rantan Prapat			1			1	1	1	1	3	1
Elim Ranteapao			1			1	1	1	1	2	
Bantaeng			1			1	1	1	1	2	
Porsea			1			1	1	1	1	2	
Tanjung Batai			1			1	1	1	1	2	

D. Surgical Equipment

Name of Hospital	Item No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Ujung Pandang		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Medan		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Gunung Wenang		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Pematang Siantar		1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tondano		1	1	1			1	1	1	1	1	1	1				1	1					
Kotamobagu		1	1	1			1	1	1	1	1	1	1				1	1					
Gorontalo		1	1	1			1	1	1	1	1	1	1				1	1					
Pare-Pare		1	1	1			1	1	1	1	1	1	1				1	1					
Tartung		1	1	1			1	1	1	1	1	1	1				1	1					
Kisaran		1	1	1			1	1	1	1	1	1	1				1	1					
Liun Kendage		1	1										1					1					
Matampone		1	1										1					1					
Soppeng		1	1										1					1					
Palopo		1	1										1					1					
Tebing Tinggi		1	1										1					1					
Rantan Prapat		1	1										1					1					
Elim Rantepao			1										1										
Bantaeng			1										1										
Porsea			1										1										
Tanjung Balai			1										1										

E. Central Supply

Name of Hospital	Item No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Ujung Pandang			5	2	1	1	1	1	10	30	7	150	10	15	4	1	1	1	3
Medan		10	3	1	1	1	1	1	10	50	7	150	10	15	4	1	1	1	3
Gunung Wenang			5	2	1	1	1	1	10	30	7	150	10	15	4	1	1	1	3
Pematang Siantar		3	2					1	4	20	5	100	7	15	3	1		1	1
Tondano		2	2						4	15	3	50	5	10	3	1		1	1
Kotamobagu		2	2					1	4	15	3	50	5	10	3	1		1	1
Gorontalo		2	2					1	4	15	3	50	5	10	3	1		1	1
Pare-Pare		2	2						4	15	3	50	5	10	3	1		1	1
Tartung		2	2					1	4	15	3	50	5	10	3	1		1	1
Kisaran		2	2						4	15	3	50	5	10	3	1		1	1
Linn Kendago		1	1						2	10	3	30	3	5	3	1		1	1
Watampone		1	1						2	10	3	30	3	5	3	1		1	1
Soppeng		1	1						2	10	3	30	3	5	3	1		1	1
Palopo		1	1						2	10	3	30	3	5	3	1		1	1
Tebing Tinggi		1	1						2	10	3	30	3	5	3	1		1	1
Rantan Prapat		1	1						2	10	3	30	3	5	3	1		1	1
Elim Rantepao		1	1						2	10	3	15	3	5	3	1		1	1
Buntara		1	1						2	10	3	15	3	5	3	1		1	1
Porsese		1	1						2	10	3	15	3	5	3	1		1	1
Tanjung Balai		1	1						2	10	3	15	3	5	3	1		1	1

F. Injection Syringes and Needles

Name of Hospital	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ujung Pandang	840	840	840	840	280	280	100	50	50	1000	500	100	100	300	50	100
Medan	840	840	840	840	280	280	100	50	50	1000	500	100	100	300	50	100
Guntung Wenang	600	600	800	600	200	200	80	40	40	1000	500	100	100	300	50	100
Pematang Siantar	480	480	480	480	160	160	60	30	20	800	400	50	80	300	50	100
Tondano	300	300	300	300	100	100	40	20	10	500	250	30	50	200	30	50
Kotamobagu	300	300	300	300	100	100	40	20	10	500	250	30	50	200	30	50
Gorontalo	300	300	300	300	100	100	40	20	10	500	250	30	50	200	30	50
Pare-Pare	180	180	180	180	60	60	20	10	5	500	250	30	50	200	30	50
Tartung	300	300	300	300	100	100	40	20	10	500	250	30	50	200	30	50
Kisaran	180	180	180	180	60	60	20	10	5	500	250	30	50	200	30	50
Liun Kendage	180	180	180	180	60	60	20	10	5	300	150	30	50	200	20	50
Watampone	180	180	180	180	60	60	20	10	5	300	150	30	50	200	20	50
Soppeng	180	180	180	180	60	60	20	10	5	300	150	30	50	200	20	50
Palopo	180	180	180	180	60	60	20	10	5	300	150	30	50	200	20	50
Tebing Tinggi	180	180	180	180	60	60	20	10	5	300	150	30	50	200	20	50
Rantan Prapat	180	180	180	180	60	60	20	10	5	300	150	30	50	200	20	50
Elim Rantepao	180	180	180	180	60	60	20	10	5	100	50	30	20	100	20	25
Bantaeng	180	180	180	180	60	60	20	10	5	100	50	30	20	100	20	25
Porsia	180	180	180	180	60	60	20	10	5	100	50	30	20	100	20	25
Tanjung Balai	180	180	180	180	60	60	20	10	5	100	50	30	20	100	20	25



G. Outpatient Clinic

Name of Hospital	Item No.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ujung Pandang		30	10	5	20														
Medan		30	10	5	20														
Gunung Wenang		30	10	5	20														
Pematang Siantar		20	5	2	10														
Tondano		10	2	1	5														
Kotamobagu		10	2	1	5														
Gorontalo		10	2	1	5														
Pare-Pare		10	2	1	5														
Tartung		10	2	1	5														
Kisaran		10	2	1	5														
Lifun Kendage		5	1	1	5														
Matampone		5	1	1	5														
Soppeng		5	1	1	5														
Palopo		5	1	1	5														
Tebing Tinggi		5	1	1	5														
Rantan Prapat		5	1	1	5														
Elim Rantebao		5	1	1	3														
Bantaeng		5	1	1	3														
Porsea		5	1	1	3														
Tanjung Balai		5	1	1	3														

1. Obstetrics & Gynecology

Name of Hospital	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Gunung Wening	2	2	2	2	2	2	2	2	10	1	2	2	1	1	1	2
Medan	2	2	2	2	2	2	2	2	10	1	2	2	1	1	1	2
Gunung Wening	2	2	2	2	2	2	2	2	10	1	2	2	1	1	1	2
Pematang Siantar	1	1	1	1	1	1	1	1	10	1	1	1	1	1	1	2
Tondano	1	1	1	1	1	1	1	5	5	1	1	1	1	1	1	1
Kotamobagu	1	1	1	1	1	1	1	5	5	1	1	1	1	1	1	1
Gorontalo	1	1	1	1	1	1	1	5	5	1	1	1	1	1	1	1
Pare-Pare	1	1	1	1	1	1	1	5	5	1	1	1	1	1	1	1
Tartung	1	1	1	1	1	1	1	5	5	1	1	1	1	1	1	1
Kisarai	1	1	1	1	1	1	1	5	5	1	1	1	1	1	1	1
Lum Kendage	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Matampene	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Soppeng	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Palopo	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Tebing Tinggi	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Rantan Prapat	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Elim Rantepao	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Bantaeng	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Porsea	1	1	1	1	1	1	1	3		1	1	1	1	1		1
Tanjung Balai	1	1	1	1	1	1	1	3		1	1	1	1	1		1



Name of Hospital	Item No.									
	1	2	3	4	5	6	7	8	9	10
Wiang Pandang										
Medan										
Gunung Wenang	1	20	1	1	1	1	1	1	1	1
Pematang Siantar	1	20	1	1	1	1	1	1	1	1
Tondano										
Kotamobagu										
Gorontalo										
Pare-Pare										
Tartung										
Kisaran										
Lium Kendage										
Watampone										
Soppeng										
Palopo										
Tebing Tinggi										
Rantan Prapat										
Elim Rantepao										
Bantaeng										
Porsea										
Tanjung Balai										

No	Name	Item No.					
		1	2	3	4	5	6
	Ujung Pandang	3	2	200	5	1	30
	Medan	3	2	200	5	1	30
	Gunung Wenang	3	2	200	5	1	30
	Pematang Siantar	2	1	150	4	1	30
	Tondano	1	1	100	3	1	20
	Kotamobagu	1	1	100	3	1	20
	Corontalo	1	1	100	3	1	20
	Pare-Pare	1	1	100	3	1	20
	Tarlung	1	1	100	3	1	20
	Kisaran	1	1	100	3	1	20
	Liu Kendage	1	1	100	2		20
	Mt ampone	1	1	100	2		20
	Soppeng	1	1	100	2		20
	Palopo	1	1	100	2		20
	Tebing Tinggi	1	1	100	2		20
	Rantan Prapat	1	1	100	2		20
	Elim Ranteapao	1	1	50	1		10
	Bantaeng	1	1	50	1		10
	Porsea	1	1	50	1		10
	Tanjung Balai	1	1	50	1		10

Nama dan No. Istimewa	Kemeng				No. Sesi
	1	2	3	4	
Ujung Pandang	1	1	10	10	
Medan	1	1	10	10	
Gunung Wenang	1	1	10	10	
Pematang Siantar	1	1	10	10	
Tondano					
Kotamobagu					
Gorontalo					
Pare-Pare					
Tartung					
Kisaran					
Lhun Kendage					
Matampone					
Soppeng					
Palopo					
Tebing Tinggi					
Rantan Prapat					
Elim Rante-pao					
Bantaeng					
Porsea					
Tanjung Balai					

N. Internal Medicine

	1	2	3	4	5	6	7	8	9	10	11	12	13
Ujung Pandang	1	1	1	1	5	1	1	1	1	1	1	1	1
Medan	1	1	1	1	5	1	1	1	1	1	1	1	1
Gunung Mwang	1	1	1	1	5	1	1	1	1	1	1	1	1
Pematang Siantar	1	1	1	1	2	1	1	1	1	1	1	1	1
Tondano												1	1
Kotamobago												1	1
Gorontalo												1	1
Pare-Pare												1	1
Tartung						1	1	1	1	1	1	1	1
Kisaran												1	1
Liah Kerdaje													1
Watampone													1
Soppeng													1
Palopo													1
Tebing Tinggi													1
Rantan Prapat													1
Elim Rantepao													1
Bantaeng													1
Potsen													1
Tanjung Balai													1

Name of Hospital	1	2	3	4
Medan	1	1	1	1
Gunung Wenang	1	1	1	1
Pematang Siantar	1	1	1	1
Tondano	1	1	1	1
Kotamobagu	1	1	1	1
Gorontalo	1	1	1	1
Pare-Pare	1	1	1	1
Tartung	1	1	1	1
Kisaran	1	1	1	1
Lium Kendage	1	1	1	1
Matampone	1	1	1	1
Soppeng	1	1	1	1
Palopo	1	1	1	1
Tebing Tinggi	1	1	1	1
Rantau Prapat	1	1	1	1
El Im Rantepao	1	1	1	1
Bantaeng	1	1	1	1
Porsea	1	1	1	1
Tanjung Balai	1	1	1	1



0. Dental Instrument & Dental X-ray

Name of Hospital	Room No.							
	1	2	3	4	5	6	7	8
Ujung Pandang	1	1	1	1	1	1	1	1
Medan	3	3	1	1	1	1	1	1
Gunung Wenang	1	1	1	1	1	1	1	1
Pematang Siantar	2	2	1	1	1	1	1	1
Tondano	1	1	1	1	1	1	1	1
Kotamobagu	1	1	1	1	1	1	1	1
Gorontalo	1	1	1	1	1	1	1	1
Pare-Pare	1	1	1	1	1	1	1	1
Tartung	1	1	1	1	1	1	1	1
Risaran	1	1	1	1	1	1	1	1
Liliu Kendage	1	1	1	1	1	1	1	1
Matampene	1	1	1	1	1	1	1	1
Soppeng	1	1	1	1	1	1	1	1
Palopo	1	1	1	1	1	1	1	1
Tebing Tinggi	1	1	1	1	1	1	1	1
Rantau Prapat	1	1	1	1	1	1	1	1
Elim Rantepao								
Bantaeng								
Porsea	1	1	1	1	1	1	1	1
Tanjung Batai	1	1	1	1	1	1	1	1

Name of Hospital	1	2	3	4	5	6	7	8	9
Siwang Pandang									
Medan	1					1	1		1
Gunung Merang	1					1		1	
Pematang Slantar		1				1		1	
Tondano			1					1	
Kotamobagu			1					1	
Gorontalo			1					1	
Pare-Pare			1					1	
Tartung			1					1	
Kisaran			1					1	
Lisa Kodaye				1				1	
Watampone				1				1	
Soppeng				1				1	
Palopo				1				1	
Tebing Tinggi				1				1	
Rantan Prapat				1				1	
Elm Rante pao					1			1	
Bantaeng					1			1	
Porssea					1			1	
Tanjung Balai					1			1	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Ujung Pandang	800	2	5	4	10	5	5	5	5	10	20	10	5	20							
Medan	1000	2	5	5	15	8	5	5	5	20	30	15	7	30							
Gantung Mawang	800	2	5	4	10	5	5	5	5	10	20	10	5	20							
Pematang Siantar	400	2	5	3	8	4	5	5	5	7	10	5	3	10							
Tondabo	200	1	4	2	5	3	2	2	2	5	8	4	2	8							
Kotamobagu	200	1	4	2	5	3	2	2	2	5	8	4	2	8							
Gorontalo	200	1	4	2	5	3	2	2	2	5	8	4	2	8							
Pare-Pare	200	1	4	2	5	3	2	2	2	5	8	4	2	8							
Tartung	400	1	4	2	5	3	2	2	2	5	8	4	2	8							
Kisaran	200	1	4	2	5	3	2	2	2	5	8	4	2	8							
Lilin Kendaje	100	1	3	1	3	2	1	1	1	3	5	2	1	5							
Matampone	100	1	3	1	3	2	1	1	1	3	5	2	1	5							
Soppeng	100	1	3	1	3	2	1	1	1	3	5	2	1	5							
Palopo	100	1	3	1	3	2	1	1	1	3	5	2	1	5							
Tebing Tinggi	100	1	3	1	3	2	1	1	1	3	5	2	1	5							
Rantan Prapat	100	1	3	1	3	2	1	1	1	3	5	2	1	5							
Elim Rantepao	50	1	2	1	2	1	1	1	1	2	3	1		3							
Rantecang	50	1	2	1	2	1	1	1	1	2	3	1		3							
Porsea	50	1	2	1	2	1	1	1	1	2	3	1		3							
Tanjung Bala	50	1	2	1	2	1	1	1	1	2	3	1		3							

Name of Hospital	Item No.	1	2	3	4	5	6	7	8	9	10
Ujung Pandang		1	1	1			1	1			10
Medan		1	1	1			2	1			10
Gunung Wenang		1	1	1			1	1			10
Pematang Siantar					1	1	1	1			5
Tondano					1	1	1				4
Kotamobagu					1	1	1				4
Gorontalo					1	1	1				4
Pare-Pare					1	1	1				4
Tartung					1	1	1				4
Kisaran					1	1	1				4
Lium Kendage					1	1	1		1	1	3
Matampone					1	1	1		1	1	3
Soppeng					1	1	1		1	1	3
Palopo					1	1	1		1	1	3
Tebing Tinggi					1	1	1		1	1	3
Rantam Prapat					1	1	1		1	1	3
Elim Rantepao					1	1	1		1	1	3
Banuaeng					1	1	1		1	1	3
Porsea					1	1	1		1	1	3
Tanjung Balai					1	1	1		1	1	3

S. Medical Electronics

Name of Hospital	Item No.	1	2	3	4
B Jung Pandang			1	1	1
Medan		1	1	1	1
Gunung Wenang			1	1	1
Pematang Siantar					
Tondano					
Kotamobagu					
Corontalo					
Pare-Pare					
Tartung					
Kisaran					
Linn Kendage					
Matampone					
Soppeng					
Palopo					
Tebing Tinggi					
Rantau Prapat					
Elim Rante-pao					
Banjarany					
Porsea					
Tanjung Balai					

T. Medical Education

Name of Hospital	Item No.	1	2	3	4	5	6	7	8
Ujung Pandang		1	1	1	1	1	1	1	1
Medan						1	1	1	1
Gunung Wenang						1	1	1	1
Pematang Siantar									
Tondano									
Kotamobagu									
Gorontalo									
Pare-Pare									
Tartung									
Kisaran									
Lim Kerdage									
Watampone									
Soప్పெங்									
Palopo									
Tebing Tinggi									
Rantau Prapat									
Elim Rautepao									
Buntarung									
Porsari									
Empung Balai									

B. Miscellaneous

Name of Hospital	Item No.	1	2
Ujung Pandang		1	1
Medan		1	1
Gunung Merang		1	
Pematang Siantar		1	
Tondano		1	
Kotamobagu		1	
Gorontalo		1	
Pare-Pare		1	
Tartamug		1	
Kisaran		1	
Limo Kendage		1	
Ratampone		1	
Soppeng		1	
Palopo		1	
Tebing Tinggi		1	
Rantau Prapat		1	
Elim Rantebao		1	
Buntarong		1	
Porsea		1	
Tanjung Balai		1	