

**TECHNICAL SPECIFICATIONS for
Blood Pressure Monitoring Device**

No.	Requirements	Quantity
	<p><u>I. Each set of device must include:</u></p> <ul style="list-style-type: none"> • Blood Pressure Monitor: 01 unit • Cuff: 01 unit (M-size Soft Cuff 22-32cm) • Battery set: 04 battery AA • Instruction manual: 01 Vietnamese version • AC adapter: 01 unit • Storage Bag: 01 unit <p>II. Specifications:</p> <ul style="list-style-type: none"> • Device type: Fully Automatic Upper- arm Blood Pressure Monitor • Instruction manual in Vietnamese • Measurement Method: Oscillometric method • Measurement range: <ul style="list-style-type: none"> ○ Pressure: 0 to 299 mmHg; ○ Pulse: 40 to 200 beats/min • Accuracy: <ul style="list-style-type: none"> ○ Pressure: ± 3 mmHg; ○ Pulse: $\pm 5\%$ of reading • Power Source: <ul style="list-style-type: none"> ○ 4 “AA” batteries 1.5V ○ or AC adapter • Battery life: Capacity of new alkaline batteries: 1000 measurements • Display type: LCD Digital Display • Display Indicators: <ul style="list-style-type: none"> ○ Systolic Blood Pressure, ○ Diastolic Blood Pressure, ○ Heartbeat • Functions and display symbols: <ul style="list-style-type: none"> ○ Hypertension Indicator ○ Body Movement Detection ○ Memory For 30 Sets of Reading ○ Irregular Hearbeat Detection ○ Cuff Wrapping Guide • Inflation: Fuzzy-logic controlled by electric pump • Deflation: Automatic pressure release valve 	700 sets

The proposed number of blood pressure monitoring devices and adaptor to be procured for provinces

No	Province/city	Total number of the devices
1	Ha Noi	19
2	Lao Cai	19
3	Dien Bien	19
4	Tuyen Quang	19
5	Cao Bang	19
6	Hai Duong	205
7	Nam Dinh	19
8	Ninh Binh	19
9	Quang Nam	19
10	Da Nang	19
11	Thua Thien Hue	19
12	Khanh Hoa	19
13	Can Tho	19
14	Binh Duong	16
15	Kien Giang	19
16	Ba Ria-Vung Tau	19
17	Lam Dong	19
18	Kon Tum	19
19	Ca Mau	19
20	Bac Kan	19
21	Ha Giang	19
22	Hochiminh city	3
23	Quang Ngai	19
24	General Department of Preventive Medicine, Ministry of Health, 138A Giang Vo, Hanoi	26
25	National Institute of Hygiene and Epidemiology (in Hanoi)	30
26	Tay Nguyen Institute of Hygiene and Epidemiology	10
27	Nha Trang Pasteur Institute (in Nha Trang city)	10
28	HCMC Institute of Public Health (in Hochiminh city)	10
29	HCMC Pasteur Institute (in Hochiminh city)	10
	Total	700