# PART 1





CLEANED THE SYSTEM CONTROL ROOM INSPECTED IN DETAILS FOR EACH SYSTEM MAINTENANCE AND REPAIR SOME SYSTEM

## **BEFORE DEVELOPING**





Waste pipe leaked under the building





The system control room so dirty and contain a lot of junks





Junk in the drain and found that fire host connection cover lost

# **DURING MAINTENANCE**













# **AFTER DEVELOPING**





Machinery are clean all





System room clean





By pass leaking point, no more waste water

# **AFTER DEVELOPING**





Apply the inspection form and machine instruction



NO MORE JUNK INSIDE

# PART 2



## **MDB & TRANSFORMER**





MDB

Since building A start served all residents, there is no cleaning and preventive maintenance

## REQUEST

To preventive maintenance as PM course both Oil filter and replace silica gel Cleaning MDB and cap measurement

Appx total cost 85,000.00 THB

## **GENERATOR SYSTEM**



Generator



Oil tank size 150L

This system is still working properly but need to maintain as schedule

## REQUEST

To preventive maintenance as PM course Replace the air and oil filter Change the engine oil Replace oil pipe

Appx cost : ....N/A.....

To reserve diesel oil as 85% Now, held 35% need More 50%(~75L) but, we will purchase 200L

Appx cost : ...6,500..

## **FIRE PUMP SYSTEMS**



Fire pump



Joggy pump

This system is Out Of Order, the system control failed need to rebuild or first maintenance.



To repair the system both

Repair the control unit

Fire pump engine and joggy pump(If any)

Appx cost : ....N/A.....

## **EMERGENCY LIGHT**



Emergency light



Battery and circuit expired

Emergency light is the safety factor, After we inspected and first maintenance, found that 75% of them are out of order. There are 74 units in Bldg.

#### REQUEST

To purchase the new brand, new model of 50 units

### Appx cost : 2,500 THB/Unit

If try to repair the old one we have to pay more than 3,000 Thb(Change battery and transformer )

Appx total cost : 125,000 THB

## **FIRE EXIT LIGHT**



Fire Exit sign



No Fire exit sign 4 sets

All systems are out of order and some paste lost Fluorescent light not work 54 sets Sign paste lost 4 set

### REQUEST

To purchase the new paste and repair the lighting set. The cost will be appx.

Fluorescent set	Appx cost :	150 THB/Unit
	Total cost :	8,100 THB/Unit
Fire Exit sign	Appx cost :	1,000 THB/Unit
	Total cost :	4,000 THB/Unit

Appx total cost : 12,100 THB

# FIRE EXTINGUISHERS AND HOSE



Fire hose sprayer

Need to recharge

Almost fire extinguishers are ready to use, we just found 2 of 91 need to recharge

We found that Connection cover lost 48 pcs. and Sprayer lost 47 pcs.

#### REQUEST

10 L cost Thb 350 15 L cost Thb 450

To recharge new chemical

Appx cost : 350 THB/Unit Total cost : 700 THB To purchase for replacement Connection cover lost 48 pcs Appx cost : 2,000 THB/Unit Total cost : 96,000 THB Connection cover lost 47 pcs Appx cost : 2,000 THB/Unit Total cost : 94,000 THB

Appx total cost : 190,700 THB

### **SWIMMING POOL**



Fire Exit sign



#### No Fire exit sign 4 sets

On this system we found 3 problem; first two pump burned, second pool overflow stunned and third water control valve may be damaged.

#### REQUEST

To purchase the two pumps, same model Appx cost : 150 THB/Unit Total cost : 8,100 THB/Unit To rebuild new pool guster Total cost : 50,000 THB To replace the control valve or piping Total cost : N/A