

ZERO INVESTMENT SCHEME

LOCATION:

ABC Company

COUNTRY:

Philippines

RELATIVE INFORMATIONS

Facility Data

Number of Urinals

28

unit(s)

Water Volume per Flush

3.8

liter(s)

Percentage of Users Flushing Twice

10

%

Traffic Data

User(s) per Urinal per Day

25

male(s)

User Frequency per Day

3

time(s)

Number of Days Used per Week

6

day(s)

AMORTIZATION PERIOD (1st to 12th Month)

Conventional Urinal Cost Assumption

Water and Sewer Cost

PHP

52.00

per m³

Flush-Valve replacement (per urinal)

PHP

181.53

per month

Flush-Valve repair (per urinal)

PHP

125.00

per month

Declogging expenses (per urinal)

PHP

214.29

per month

Cleaning Material Cost (per urinal)

PHP

166.67

per month

Pump Electricity cost (per urinal)

PHP

1,000.00

per month

Operational Cost

Water Used per Month

8,061.42

liters/urinal

Monthly Water & Sewer Cost

PHP

419.19

per urinal

Total Water & Sewer Cost

PHP

11,737.43

per month

Total Maintenance Cost

PHP

47,249.39

per month

Total Operations Cost

PHP

58,986.82

per month

Waterfree Urinal Cost

Fixed Monthly Fee

PHP

36,828.17

per month

Savings Using Waterfree System

PHP

22,158.65

per month

SAVINGS PERIOD (13th to 36th Month)

Waterfree Urinal Cost

Fixed Monthly Fee

PHP

14,067.19

per month

Savings Using Waterfree System

PHP

44,919.63

per month