



ក្រសួងអប់រំ យុវជន និងកីឡា



CATALOGUE

# Group Washing Facility Models

Schools in Cambodia

FIT FOR  
SCHOOL

## Table of Contents

Anuwat Takeo Primary School	1
.....	.....
Sok An Mongkul Meanleak Primary School	2
.....	.....
Eng Meas Tany Primary School	3
.....	.....
Kampot Krong Primary School	4
.....	.....
Neak Oukhna Mohapheakdey Hun Neang Toul Tumpung 2 Primary School	5
.....	.....
Neak Oukhna Mohapheakdey Hun Neang Boeung Trabek Khangtbong Primary School	6
.....	.....
Anuwat Kampong Chhnang Primary School	7
.....	.....
Banteay Longvek Primary School	8
.....	.....
Svaykal Primary School	9
.....	.....
Kompong Thom Krong Primary School	10
.....	.....
Core Module Design	11

## Anuwat Takeo Primary School

Group washing facilities built inside classroom //  
Made from galvanized metal



Number of Facility	15
Length per Facility	6 m
Total Length of Facility	90 m
Estimated Number of Students	851
Average Number of Students Accommodated by one Facility per Time	15
Number of Outlets (Faucets or Holes)	270
Student per Outlet Ratio	3
Estimated Materials Cost in USD	1,150 \$
Estimated Labor Cost in USD	625 \$
Total Estimated Material & Labor Cost in USD	1,775 \$
Cost per Student	2 \$

### Notes

- The cost covers only hand washing facilities and not including the water system and tooth brush holder.
- 2 meters of one-sided facility would be able to accommodate up to five pupils at a time.

## Sok An Mongkul Meanleak Primary School

Group washing facilities built inside classroom //  
Made from concrete and PVC pipe



Number of Facility	12
Length per Facility	6 m
Total Length of Facility	72 m
Estimated Number of Students	462
Average Number of Students Accommodated by one Facility per Time	16
Number of Outlets (Faucets or Holes)	192
Student per Outlet Ratio	2
Estimated Materials Cost in USD	985 \$
Estimated Labor Cost in USD	384 \$
Total Estimated Material & Labor Cost in USD	1,369 \$
Cost per Student	3 \$

### Notes

- The cost covers only hand washing facilities and not including the water system and tooth brush holder.
- 6 meters of one-sided facility would be able to accommodate up to sixteen pupils at a time.

## Eng Meas Tany Primary School

Group washing facilities built in school compound //  
Made from concrete



Number of Facility	6
Length per Facility	5.2 m
Total Length of Facility	31 m
Estimated Number of Students	630
Average Number of Students Accommodated by one Facility per Time	26
Number of Outlets (Faucets or Holes)	144
Student per Outlet Ratio	4
Estimated Materials Cost in USD	1,149 \$
Estimated Labor Cost in USD	649 \$
Total Estimated Material & Labor Cost in USD	1,798 \$
Cost per Student	3 \$

### Notes

- The cost covers only hand washing facilities and not including the water system and tooth brush holder.
- 1 meter of two-sided facility would be able to accommodate up to five pupils at a time.

## Kampot Krong Primary School

Group washing facilities built attached to the school building //  
Made from concrete and tile



Number of Facility	5
Length per Facility	8 m to 28 m
Total Length of Facility	60 m
Estimated Number of Students	655
Average Number of Students Accommodated by one Facility per Time	36
Number of Outlets (Faucets or Holes)	200
Student per Outlet Ratio	3
Estimated Materials Cost in USD	945 \$
Estimated Labor Cost in USD	540 \$
Total Estimated Material & Labor Cost in USD	1,485 \$
Cost per Student	2 \$

### Notes

- The cost covers only hand washing facilities and not including the water system and tooth brush holder.
- 1 meter of a one-sided facility would be able to accommodate up to three pupils at a time.

## Neak Ouknha Mohapheakdey Hun Neang Toul Tumpung 2 Primary School

Group washing facilities built in school compound //  
Made from concrete and tile



Number of Facility	4
Length per Facility	4.5m to 10m
Total Length of Facility	26m
Estimated Number of Students	845
Average Number of Students Accommodated by one Facility per Time	32
Number of Outlets (Faucets or Holes)	135
Student per Outlet Ratio	6
Estimated Materials Cost in USD	1,228 \$
Estimated Labor Cost in USD	443 \$
Total Estimated Material & Labor Cost in USD	1,671 \$
Cost per Student	2 \$

### Notes

- The cost covers only washing facilities, and not including the water system and tooth brush holder.
- 1 meter of a two-sided facility would be able to accommodate up to five pupils at a time.

## Neak Ouknha Mohapheakdey Hun Neang Boeung Trabek Khangtbong Primary School

Group washing facilities built in school compound //  
Made from concrete and tile



Number of Facility	8
Length per Facility	7 m to 9 m
Total Length of Facility	63 m
Estimated Number of Students	1,238
Average Number of Students Accommodated by one Facility per Time	40
Number of Outlets (Faucets or Holes)	357
Student per Outlet Ratio	3
Estimated Materials Cost in USD	2,018 \$
Estimated Labor Cost in USD	1,156 \$
Total Estimated Material & Labor Cost in USD	3,174 \$
Cost per Student	3 \$

### Notes

- The cost covers only hand washing facilities, and not including the water system and tooth brush holder.
- 1 meter of a two-sided facility would be able to accommodate up to five pupils at a time.



## Anuwat Kampong Chhnang Primary School

Group washing facilities built in front of classroom and school compound //  
Made from concrete and tile



Number of Facility	3
Length per Facility	7 m to 18 m
Total Length of Facility	33m
Estimated Number of Students	601
Average Number of Students Accommodated by one Facility per Time	50
Number of Outlets (Faucets or Holes)	140
Student per Outlet Ratio	4
Estimated Materials Cost in USD	667 \$
Estimated Labor Cost in USD	345 \$
Total Estimated Material & Labor Cost in USD	1,012 \$
Cost per Student	2 \$

### Notes

- The cost covers only hand washing facilities, and not including the water system and tooth brush holder.
- 2 meters of a one-sided facility would be able to accommodate up to five pupils at a time.
- 1 meter of a one-sided facility would be able to accommodate up to three pupils at a time.

## Banteay Longvek Primary School

Group washing facilities built in school compound //  
Made from concrete and tile



Number of Facility	10
Length per Facility	6 m
Total Length of Facility	60 m
Estimated Number of Students	640
Average Number of Students Accommodated by one Facility per Time	30
Number of Outlets (Faucets or Holes)	360
Student per Outlet Ratio	2
Estimated Materials Cost in USD	1,255 \$
Estimated Labor Cost in USD	776 \$
Total Estimated Material & Labor Cost in USD	2,031 \$
Cost per Student	3 \$

### Notes

- The cost covers only hand washing facilities, and not including the water system and tooth brush holder.
- 1 meter of a two-sided facility would be able to accommodate up to five pupils at a time.

## Svaykal Primary School

Group washing facilities built in school compound //  
Made from concrete and PVC pipe



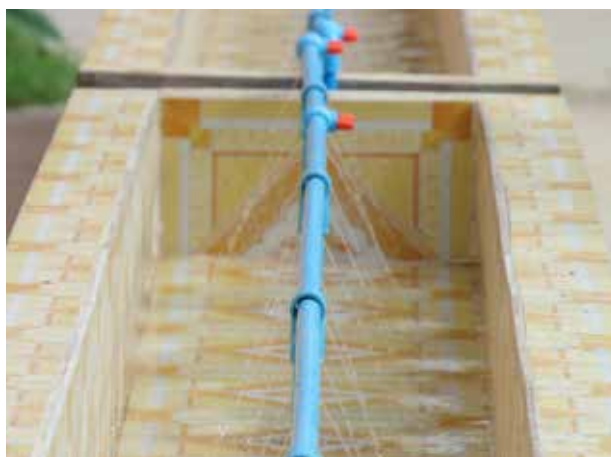
Number of Facility	3
Length per Facility	8 m
Total Length of Facility	24 m
Estimated Number of Students	431
Average Number of Students Accommodated by one Facility per Time	40
Number of Outlets (Faucet or Hole)	138
Student per Outlet Ratio	3
Estimated Materials Cost in USD	644 \$
Estimated Labor Cost in USD	375 \$
Total Estimated Material & Labor Cost in USD	1,019 \$
Costs per Student	2 \$

### Notes

- The cost covers only hand washing facilities, and not including the water system and tooth brush holder.
- 1 meter of a two-sided facility would be able to accommodate up to five pupils at a time.

## Kompong Thom Krong Primary School

Group washing facilities built in school compound //  
Made from concrete and tile



Number of Facility	8
Length per Facility	8 m
Total Length of Facility	64 m
Estimated Number of Students	1,291
Average Number of Students Accommodated by one Facility per Time	40
Number of Outlets (Faucets or Holes)	320
Student per Outlet Ratio	4
Estimated Materials Cost in USD	1,717 \$
Estimated Labor Cost in USD	989 \$
Total Estimated Material & Labor Cost in USD	2,706 \$
Cost per Student	2 \$

### Notes

- The cost covers only hand washing facilities, and not including the water system and tooth brush holder.
- 1 meter of a two-sided facility would be able to accommodate up to five pupils at a time.

## Core Module Design

Group washing facility designed by GIZ. Durable materials, designed to ensure functionality, and low water consumption. Leaves space for community participation and enhancements. Prefabricated in Phnom Penh.



Number of Facility	2
Length per Facility	3.2 m
Total Length of Facility	6.4 m
Estimated Number of Students	99
Average Number of Students Accommodated by one Facility per Time	44
Number of Outlets (Faucets or Holes)	44
Student per Outlet Ratio	2
Price for Two Core Modules (Price per Unit: 79\$)	158 \$
Cost per Student	1.60 \$

Numbers based on Kok Ampil Elementary School

### Notes

- The cost covers only the material for the Core Module and not include the basin.
- The bucket can be also connected to a water main. The consumption for handwashing per student is less than 120 ml
- A gutter is used as a basin.

In partnership with:



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