

Green Cross Ghana: Smart Water for Green Schools (a Green Cross International project)

Project deliverables: Clean drinking water for 500+ students; Ecological latrine in school; Training for student rainwater monitoring system; Capacity building for teachers with focus on water sustainability; Networked learning for other students in Volta Basin with focus on promoting tolerance, sustainability and working with neighbors; Capacity building seminars for local government officials about water conservation.

Costs for implementation of one Green School with approximately 525 students

	Grant Funded Unit Cost in USD	This Grant Funded Number of Units	Grant Funded Total Amount USD	Grant Funded Total in AUS\$
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Goods (Materials and Equipment)

(1) Rain water Harvesting System

Cement	\$ 8.53	80	\$ 682.40	\$ 766.74
Quary stones	\$ 339.25	1	\$ 339.25	\$ 381.18
Sand	\$ 198.09	2	\$ 396.18	\$ 445.15
1/2 inch iron rods	\$ 4.86	50	\$ 243.00	\$ 273.03
5/8 inch iron rods	\$ 9.49	50	\$ 474.50	\$ 533.15
Binding wire	\$ 19.21	10	\$ 192.10	\$ 215.84
3 inch nail	\$ 11.27	1	\$ 11.27	\$ 12.66
4 inch nail	\$ 11.27	1	\$ 11.27	\$ 12.66
Soft wood board	\$ 5.66	20	\$ 113.20	\$ 127.19
2/4 soft wood	\$ 3.56	15	\$ 53.40	\$ 60.00
Plumbing works	\$ 1,127.00	1	\$ 1,127.00	\$ 1,266.29
Alluminium cover	\$ 84.22	2	\$ 168.44	\$ 189.26
Skilled Labour	\$ 177.93	5	\$ 889.65	\$ 999.61
Transportation of materials	\$ 593.10	1	\$ 593.10	\$ 666.40
Water for construction	\$ 0.07	500	\$ 35.00	\$ 39.33
Equipment rentals	\$ 178.00	4	\$ 712.00	\$ 800.00
Filter system	\$ 237.24	1	\$ 237.24	\$ 266.56
Sub-total - Rain harvesting system			\$ 6,279.00	\$ 7,055.06

(2) Ecological Laterine

Cement	\$ 8.54	90	\$ 768.60	\$ 863.60
Stones	\$ 339.26	1	\$ 339.26	\$ 381.19
Sand	\$ 198.10	3	\$ 594.30	\$ 667.75
2 inch nail	\$ 11.27	1	\$ 11.27	\$ 12.66
4 inch nail	\$ 11.27	1	\$ 11.27	\$ 12.66
Roofing sheets	\$ 177.93	1.5	\$ 266.90	\$ 299.88
Binding wire	\$ 19.21	5	\$ 96.05	\$ 107.92
Complete gates	\$ 118.62	5	\$ 593.10	\$ 666.40
Soft wood board	\$ 5.66	20	\$ 113.20	\$ 127.19
1/2 inch iron rods	\$ 4.86	30	\$ 145.80	\$ 163.82
Block moulding	\$ 0.23	1,200	\$ 276.00	\$ 310.11
Equipment rentals	\$ -	4	\$ -	\$ -
Skilled Labour	\$ 118.62	8	\$ 948.96	\$ 1,066.25
Non-skilled labour	N/A	N/A	N/A	N/A
Water for construction	\$ 0.07	1,500	\$ 105.00	\$ 117.98
Painting works	\$ -	1	\$ -	\$ -
Miscellaneous	\$ -	1	\$ -	\$ -
Sub-total - Rain harvesting system			\$ 4,269.71	\$ 4,797.42

(3) Development of capacity building materials

Expert in content development	\$ 652.40	2	\$ 1,304.80	\$ 1,466.07
Snacks for participants	\$ 47.45	10	\$ 474.50	\$ 533.15

Development of capacity building materials

			\$ 1,779.30	\$ 1,999.21
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Sub-total of Goods (Materials and Equipment)

			\$ 12,328.01	\$ 13,851.69
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(4) Project Staff (Salaries & Travel):

Project visit for Government Bodies	\$ 1,660.69	1	\$ 1,660.69	\$ 1,865.94
Project Staff Salary	\$ 1,286.64	3	\$ 3,859.92	\$ 4,336.99
Trips to project areas (Monitoring & Evaluation)	\$ 440.00	5	\$ 2,200.00	\$ 2,471.91

Sub-total of Project Staff (including Salaries & Travel)

			\$ 7,720.61	\$ 8,674.84
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(5) Hygiene, Sanitation and Environmental Education

Production of Educational materials	\$ 1,290.59	1	\$ 1,290.59	\$ 1,450.10
Training & Capacity Building of teachers	\$ 42.84	18	\$ 771.12	\$ 866.43

Sub-total of Consultant Services

			\$ 2,061.71	\$ 2,316.53
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E. Other (please specify)

SWGS Banner	\$ 29.66	2	\$ 59.32	\$ 66.65
Green Cross Banner	\$ 29.66	1	\$ 29.66	\$ 33.33
Innuaguration ceremony	\$ 237.24	1	\$ 237.24	\$ 266.56

Sub-total of Other

			\$ 326.22	\$ 366.54
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Total Uses of Project Funds			\$ 22,436.55	\$ 25,209.60
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KEY OUTCOME STATISTICS

Estimated number of students		525
Cost per student: clean water (USD)	\$	23.48
Cost per student: sanitation (USD)	\$	8.13
Total cost per student (USD)	\$	42.74