

**Additional file 2:
Dar es Salaam: Recurrent and capital unit costs**

Table 1: Dar es Salaam Recurrent Unit Costs

COST CATEGORY	Financial cost per unit		Allowances and extras		Units required	
	TZS	US\$	TZS	US\$	Y0	Y1
INTERNATIONAL COSTS						
International Staff Time/Costs						
External technical adviser		5,826		12,550	3	3
NATIONAL COSTS						
Ministry of Health/NMCP Staff (Central & City Level)						
Staff Time/Costs						
Central level NMCP/MoH staff -Director NMCP	1,250,000				0	0.025
Procurement Officer	700,000				0	0.019
City Medical Officer	1,250,000				0	0.019
PROGRAM LEVEL COSTS						
Larviciding program Staff						
Staff Time/Costs						
Program manager	13,000,000				1	1
City surveillance officers	7,200,000				2	2
Vector inspectors	1,813,333				0	6
Municipal coordinators	3,000,000				0	3
Ward supervisors	1,500,000				0	15
LCP	1,300,000				0	89
Larval surveillance CORPS	1,300,000				0	30
Drivers	5,500,000				3	3
Program administrator	2,000,000				1	1
Admin assistant	4,000,000				1	1
General hand	2,000,000				1	1
Larvicide product, application equipment and transport						
Larvicide BTI VectoBac™ WG (Kg)		25.84			0	0
Larvicide BTI VectoBac™ CG (Kg)		2.67			0	56,423.65
Weighing and packing of BS CG (bags and labor) per KG	1,796	0			0	5,442
Carriage Insurance Freight (CIF) on CG from U.S. to DSM (per container)		5,168		1,500	0	5
Port charges, storage and release fees		14,000			0	1
Import duty (25 percent of CIF) and VAT (20 percent of CIF + import duty)		52,529			0	1
Transport of Larvicides from Port to storage unit (inc dock hands)	1,000,000				0	1
Other field equipment (protective clothing, boots, buckets etc)	6,675,000				0	1
Staff Training						

	Financial cost per unit		Allowances and extras		Units required	
Salary, Transport & Lunch for LCP during training	7,500				0	810
Room hire for training	600				0	4
Meetings and workshops/Community sensitization						
Stakeholder meeting	5,000,000				0	1
Printing leaflets for distribution to households/communities	200				0	400000
Operations costs and overheads						
Office space rental City level	1,500,000				12	12
Utilities & Maintenance City Office (Electricity, Water)	75,000				12	12
Other overheads City office (e.g. Insurance and office furniture)	75,000				12	12
Storage and office space at municipal level	50,000				0	36
Utilities & Maintenance municipal offices (Electricity, Water)	2,500				0	36
Other overheads municipal offices (e.g. Insurance and office furniture)	2,500				0	36
Storage costs at ward level	30,000				0	180
Mobile phone credit for Manger and surveillance officer	30,000				48	48
Mobile phone credit for inspectors, coordinators and drivers	20,000				144	144
Mobile phone credit for ward supervisors	10,000				0	180
Telephone land line	200,000				12	12
Internet connectivity monthly flat rate	50,000				12	12
Stationary, printing, photocopying, office supplies	2,000,000				12	12
Transport						
Fuel insurance and servicing on vehicles	7,368,233				2	2
Motorbike fuel	3,257,226				0	9
Transport allowance for ward supervisors	260,000				0	15
Adult Mosquito Monitoring						
Human landing catches	5,000				3484	3484
Field equipment (cool boxes, cups, gauzes etc)	640,000				1	1
Lab tech salary	400,000				12	12

Table 2: Dar es Salaam Capital Unit Costs

CAPITAL COSTS (Useful life > 1 year)	Purchase price		Number of Units	Useful life (years)
	TZS	US\$		
Mapping area/breeding sites				
Purchase of aerial photo	2,500,000		1	15
GIS consultant to map wards	1,900,000		1.5	15
Motorbike & operations costs for GIS consultant	4,857,226		1.5	15
GIS technician (assistant)	4,000,000		1.5	15
Storage space & equipment				
Purchase of container	1,000,000		1	8
Purchase of A/C unit	500,000		1	3
Lockable cupboards at ward level	50,000		15	8
Weighing scales at ward level	20,000		15	5
Water tank at ward level	20,000		15	8
Vehicles				
Project vehicle	15,000,000		2	5
Motorcycles	1,600,000		9	3
Spray pumps				
Hudson spray pumps		250	30	5
Granule blowers	330,000		6	5
Computers, Mobile phones, GPS units and office equipment				
Mobile phones		80	30	3
GPS units		120	6	3
Computer software and licenses		500	1	3
Desk Top computer		1,100	6	3
Laptop		1,300	1	3
Printer		500	1	2
Adult Mosquito Monitoring Equipment				
Microscope, light source		2,000	1	5