

The Global Uplift Project
Science Lab in a Box (SLaB)
Quotable Bill of Materials (QBM)

		MERIDIAN TECH SYSTEMS		CHEMIQUIP LIMITED				
Quantity	Item Description	Price	Total	price	Total	LOWER PRICE	Total Est/ Budget	Prefered Supplier
	Safety Equipment							
3	Safety glasses	25,000	75,000.00	10,000	30,000.00	10,000.00	30,000.00	Meridian Tech
1	first aid box	150,000	150,000.00	65,000	65,000.00	65,000.00	65,000.00	Chemiquip Ltd
1	nitrile safety gloves		1.00	30,000	30,000.00	30,000.00	30,000.00	Chemiquip Ltd
	fire extinguisher		-		-	-	-	
	General Lab Equipment					-	-	
5	Scientific calculator	45,000	225,000.00		5.00	45,000.00	225,000.00	Meridian Tech
5	Ring stand base with 70cm vertical cod	50,000	250,000.00		5.00	50,000.00	250,000.00	Meridian Tech
5	Ring stand clamp	40,000	200,000.00		5.00	40,000.00	200,000.00	Meridian Tech
5	4inch C clamp	40,000	200,000.00	30,000	150,000.00	30,000.00	150,000.00	Chemiquip Ltd
5	Bunsen Burner(liquid propane or gas)	20,000	100,000.00	15,000	75,000.00	15,000.00	75,000.00	Chemiquip Ltd

1	propane tank 20l	400,000	400,000.00		1.00	400,000.00	400,000.00	Meridian Tech
1	Electric Hot plate (alternative to gas)	400,000	400,000.00	200,000	200,000.00	200,000.00	200,000.00	Chemiquip Ltd
5	Rulers 30 cm	10,000	50,000.00		5.00	10,000.00	50,000.00	Meridian Tech
6	200 gram electronic balance +/- 0.01 g accuracy	-	-	150,000	900,000.00	150,000.00	900,000.00	Chemiquip Ltd
5	Protractors	30,000	150,000.00		5.00	30,000.00	150,000.00	Meridian Tech
3	5 Meter measuring tape	10,000	30,000.00		3.00	10,000.00	30,000.00	Meridian Tech
1	propane tank regulator	-	-		1.00	-	-	
1	Wooden meter stick (10cm ruler)	-	-	10,000	10,000.00	10,000.00	10,000.00	Chemiquip Ltd
4	Alcohol thermometers (-20 deg C to 120 deg c)	75,000	300,000.00	50,000	200,000.00	50,000.00	200,000.00	Chemiquip Ltd
50	Glass stir rods	-	-	3,000	150,000.00	3,000.00	150,000.00	Chemiquip Ltd
5	25ml Borosilicate beaker	4,500	22,500.00		5.00	4,500.00	22,500.00	Meridian Tech
5	100ml borosilicate beaker	19,000	95,000.00	4,000	20,000.00	4,000.00	20,000.00	Chemiquip Ltd
50	250ml borosilicate beaker	-	-	6,000	300,000.00	6,000.00	300,000.00	Chemiquip Ltd

25	600ml borosilicate beaker	-	-	15,000	375,000.00	15,000.00	375,000.00	Chemiquip Ltd
1	1000ml borosilicate beaker	70,000	70,000.00	20,000	20,000.00	20,000.00	20,000.00	Chemiquip Ltd
5	250ml borosilicate erlenmeyer flask	8,500	42,500.00	7,000	35,000.00	7,000.00	35,000.00	Chemiquip Ltd
5	10ml borosilicate graduated cylinder	5,000	25,000.00	3,000	15,000.00	3,000.00	15,000.00	Chemiquip Ltd
5	25ml borosilicate graduated cylinder	9,500	47,500.00	4,000	20,000.00	4,000.00	20,000.00	Chemiquip Ltd
5	100ml borosilicate graduated cylinder	15,000	75,000.00	10,000	50,000.00	10,000.00	50,000.00	Chemiquip Ltd
5	250ml borosilicate graduated cylinder	17,000	85,000.00	15,000	75,000.00	15,000.00	75,000.00	Chemiquip Ltd
5	20ml,16mm* 150mm borosilicate test tube	75,000	375,000.00		5.00	75,000.00	375,000.00	Meridian Tech
5	Evaporating dish	12,000	60,000.00	5,000	25,000.00	5,000.00	25,000.00	Chemiquip Ltd
5	wash bottles	12,000	60,000.00	4,000	20,000.00	4,000.00	20,000.00	Chemiquip Ltd
50	Serological pipettes	-	-	4,000	200,000.00	4,000.00	200,000.00	Chemiquip Ltd
50	Micro spatula	-	-	2,000	100,000.00	2,000.00	100,000.00	Chemiquip Ltd
2	PH test strips 1-145 meter roll	270,000	540,000.00	10,000	20,000.00	10,000.00	20,000.00	Chemiquip Ltd

3	Chromatography paper	35,000	105,000.00		3.00	35,000.00	105,000.00	Meridian Tech
3	Motar and pestel	35,000	105,000.00	10,000	30,000.00	10,000.00	30,000.00	Chemiquip Ltd
	Biology				-	-	-	
1	compond light microscope	1,000,000	1,000,000.00		1.00	1,000,000.00	1,000,000.00	Meridian Tech
2	microscope glasss slides (1kg =50slides)	10,000	20,000.00	7,000	14,000.00	7,000.00	14,000.00	Chemiquip Ltd
2	Microscope slide glass cover slips(1kg =200slides)	5,000	10,000.00	3,500	7,000.00	3,500.00	7,000.00	Chemiquip Ltd
1	Bromthymol blue stain 500ml	17,000	17,000.00	20,000	20,000.00	17,000.00	17,000.00	Meridian Tech
2	Iodine stain 500ml	20,000	40,000.00	30,000	60,000.00	20,000.00	40,000.00	Meridian Tech
1	Isopropyl Alcohol 99% 4l	110,000	110,000.00	40,000	40,000.00	40,000.00	40,000.00	Chemiquip Ltd
2	NaCl salt 250g	20,000	40,000.00	25,000	50,000.00	20,000.00	40,000.00	Meridian Tech
3	90mm X15 mm petri dish (1pkg=20 dishes)	22,000	66,000.00		3.00	22,000.00	66,000.00	Meridian Tech
10	Inoculating loop	-	-	10,000	100,000.00	10,000.00	100,000.00	Chemiquip Ltd
4	Modeling clay	-	-	10,000	40,000.00	10,000.00	40,000.00	Chemiquip Ltd

1	Wall chart Digestive System	-	-	30,000	30,000.00	30,000.00	30,000.00	Chemiquip Ltd
1	Wall chart Ear & Eye	-	-	30,000	30,000.00	30,000.00	30,000.00	Chemiquip Ltd
1	Wall chart Bones	-	-	30,000	30,000.00	30,000.00	30,000.00	Chemiquip Ltd
1	Wall chart Brains	-	-	30,000	30,000.00	30,000.00	30,000.00	Chemiquip Ltd
1	Wall chart Heart	-	-	30,000	30,000.00	30,000.00	30,000.00	Chemiquip Ltd
1	Wall chart circulatory system	25,000	25,000.00	30,000	30,000.00	25,000.00	25,000.00	Meridian Tech
1	Wall chart reproductive system	25,000	25,000.00	30,000	30,000.00	25,000.00	25,000.00	Meridian Tech
1	Wall chart periodic table	45,000	45,000.00	30,000	30,000.00	30,000.00	30,000.00	Chemiquip Ltd
	Chemistry							
5	Copper density rods	25,000	125,000.00	12,000	60,000.00	12,000.00	60,000.00	Chemiquip Ltd
2	Aluminium rods	25,000	50,000.00	10,000	20,000.00	10,000.00	20,000.00	Chemiquip Ltd
5	Zinc density rods	25,000	125,000.00	9,000	45,000.00	9,000.00	45,000.00	Chemiquip Ltd
2	Sodium carbonate 500g	25,000	50,000.00	25,000	50,000.00	25,000.00	50,000.00	Chemiquip Ltd

2	Calcium Chloride 500g	50,000	100,000.00	30,000	60,000.00	30,000.00	60,000.00	Chemiquip Ltd
20	Filter Paper	-	-	12,000	240,000.00	12,000.00	240,000.00	Chemiquip Ltd
2	Phenolphthalein indicator solution	25,000	50,000.00	20,000	40,000.00	20,000.00	40,000.00	Chemiquip Ltd
2	Magnesium Ribbon 25g	20,000	40,000.00	20,000	40,000.00	20,000.00	40,000.00	Chemiquip Ltd
2	Ammonium Chloride	25,000	50,000.00		2.00	25,000.00	50,000.00	Meridian Tech
5	Glass stir rods	7,000	35,000.00		5.00	7,000.00	35,000.00	Meridian Tech
1	Water quality testing kit	550,000	550,000.00		1.00	550,000.00	550,000.00	Meridian Tech
5	Metal crucibles	55,000	275,000.00		5.00	55,000.00	275,000.00	Meridian Tech
1	Conductivity meter	250,000	250,000.00		1.00	250,000.00	250,000.00	Meridian Tech
1	Methanol 95% 4l	140,000	140,000.00	40,000	40,000.00	40,000.00	40,000.00	Chemiquip Ltd
1	200gm electronic balance	219,500	219,500.00		1.00	219,500.00	219,500.00	Meridian Tech
1	Ethanol 95% 4LI	140,000	140,000.00	20,000	20,000.00	20,000.00	20,000.00	Chemiquip Ltd
2	Barium nitrate 500g	50,000	100,000.00	35,000	70,000.00	35,000.00	70,000.00	Chemiquip Ltd

2	Barium Chloride 500ml	50,000	100,000.00		2.00	50,000.00	100,000.00	Meridian Tech
1	Bromine water	65,000	65,000.00	60,000	60,000.00	60,000.00	60,000.00	Chemiquip Ltd
2	Sulfuric acid 500ml	25,000	50,000.00	20,000	40,000.00	20,000.00	40,000.00	Chemiquip Ltd
2	Nitric acid	25,000	50,000.00	20,000	40,000.00	20,000.00	40,000.00	Chemiquip Ltd
2	Hydrochloric acid 500ml	25,000	50,000.00	20,000	40,000.00	20,000.00	40,000.00	Chemiquip Ltd
2	Ethanoic acid 500ml	25,000	50,000.00	20,000	40,000.00	20,000.00	40,000.00	Chemiquip Ltd
2	Meleic acid 500ml	55,000	110,000.00		2.00	55,000.00	110,000.00	Meridian Tech
3	Rubber stoppers for test tubes	28,000	84,000.00	1,500	4,500.00	1,500.00	4,500.00	Chemiquip Ltd
5	Calorimeters	50,000	250,000.00	20,000	100,000.00	20,000.00	100,000.00	Chemiquip Ltd
1	Iron fillings 500g	45,000	45,000.00	35,000	35,000.00	35,000.00	35,000.00	Chemiquip Ltd
	Physics							
2	Multimeters	55,000	110,000.00		2.00	55,000.00	110,000.00	Meridian Tech
1	50 ohm resistors (1pkg=50 resistors)	12,000	12,000.00	2,000	2,000.00	2,000.00	2,000.00	Chemiquip Ltd

1	100 ohm resistors (1pkg= 50 resistors)	12,000	12,000.00	2,000	2,000.00	2,000.00	2,000.00	Chemiquip Ltd
1	500 omh resistors (1pkg =50 resistors)	22,000	22,000.00	2,000	2,000.00	2,000.00	2,000.00	Chemiquip Ltd
1	1k ohm resistors (1pkg=50 resistors)	-	-	2,000	2,000.00	2,000.00	2,000.00	Chemiquip Ltd
1	2.5k ohm resistors (1pkg= 50 resistors)	-	-	2,000	2,000.00	2,000.00	2,000.00	Chemiquip Ltd
1	10k omh resistors (1pkg =50 resistors)	-	-	2,000	2,000.00	2,000.00	2,000.00	Chemiquip Ltd
1	300 microfarrad capacitors (1 pkg = 15 capacitors)	-	-	2,000	2,000.00	2,000.00	2,000.00	Chemiquip Ltd
1	750 microfarrad capacitors (1 pkg = 15 capacitors)	-	-	2,000	2,000.00	2,000.00	2,000.00	Chemiquip Ltd
5	Plane mirrors (10 cm x 10cm)	5,000	25,000.00	3,000	15,000.00	3,000.00	15,000.00	Chemiquip Ltd
5	Convex/ Concave mirrors (75mm diameter, 200mm focal length)	4,000	20,000.00	3,500	17,500.00	3,500.00	17,500.00	Chemiquip Ltd
10	Diode laser - red, 5mWatts		10.00	5,000	50,000.00	5,000.00	50,000.00	Chemiquip Ltd
10	Diode laser - blue, 5mWatts		10.00	5,000	50,000.00	5,000.00	50,000.00	Chemiquip Ltd
10	Diode laser - green, 5mWatts		10.00	5,000	50,000.00	5,000.00	50,000.00	Chemiquip Ltd
20	neodimium magnets (cylindrical 2cm diameter, 2cm heigh)		20.00	15,000	300,000.00	15,000.00	300,000.00	Chemiquip Ltd
2	Stop watch	14,000	28,000.00	8,000	16,000.00	8,000.00	16,000.00	Chemiquip Ltd
30	Mass set (10g, 4x 20g, 2x 50g, 4x 100g, 200g, 500g, 1kg)	-	-	35,000	1,050,000.00	35,000.00	1,050,000.00	Chemiquip Ltd

1	pulley with clamp	12,000	12,000.00	1.00	12,000.00	12,000.00	Meridian Tech
		TOTAL	9,030,051		6,295,069	10,837,000.00	

**\$
2,928.92**

science lab	amount						
Safety Equipment	225,001.00	125,000.00					
General Lab Equipment	4,012,500.00	2,990,043.00					
Biology	1,398,000.00	571,004.00					
Chemistry	3,153,500.00	1,044,519.00					
Physics	241,050.00	1,564,503.00					
Total	9,030,051.00						
Vat 18%	1,625,409.18						
Final Price with vat	10,655,460.18						
	\$ 2,440.55						