



KAIRA LOORO ARCHITECTURE COMPETITION

MATERIAL PRICES

This is only an example materials list in **North west Africa**, but participants are free to use any other type of material in according to design requirements. For all other materials not listed, average international market prices can be used.

Average prices of building materials in North west Africa

Material	Unit	Use	Price (€)
Cement Brick	1 brick 20x30x15cm	Structure	0,8
Laterite Brick	1 brick 20x30x15cm	Structure	0,9
Clay Brick	1 brick	Structure	0,3
Cement 32.5	1 ton	Structure	120
White wood plank	1 (3mtx25cmx3cm)	roofing and carpentry	9,3
Bamboo Vulgaris	1 bamboo (diameter 15/20 cm - length 6 mt)	Forniture	3,8
River sand	15 m ³	concrete	35
Rosewood box	1m ³	Forniture and carpentry	545
Rosewood trunk	1m ³	Forniture and carpentry	234
Rosewooor beam	5cmx8cmx4mt	Carpentry	8,5
Rosewood plank	4cmx20cmx4 mt	Forniture	11,45
Iron tube	1 pipe (6mt x 2cm)	Building	13
Plastic bags	1000 (1mtx0,5mtx0,2mt)	Food storage	306
Laterite earth	3 ton		109,5
Laterite stone (shapeless stones)	3 ton	Infrastructure	154
Shells from river	50kg	Decoration and aggregate	15
Sheet metal corrugated	1 (2mtx0,8mt)	Roof	4,8
Red clay	1 ton		85
Iron for reinforced concrete 12mm / 8mm / 6mm Length 12 mt	9 elements 12 elements 20 elements	Reinforcement of concrete	70
Straw	A group of straw (length 1.5m - diameter 50cm)	Roof	0,5
Wild bamboo	1 bamboo (diameter 2/4 cm - length 5 mt)	Fence production	0.5
Local bamboo fence	1,5mt x 2,5mt	Fence	5
Barbed wire	1 roll of 80 meters	Fence	120
Iron profile IPE	15cm x 1cm x 6 meters	Building	114
Iron profile IPE	6cm x 0.6cm x 6 meters	Building	38
Fabric	1 square metres	clothes	1,5
wood per m3	1 m ³ (it is possible to have any size)	carpentry	412