

BUDGET CALCULATION FOR REFERENCE

KARINDOM PROJECT

System to calculate the approximate value for implementation of the competition project.

A) Material Construction Building:

$$P = M \times E \times U \times O \times S$$

P = Budget

E = Coefficient related to the building typology.

O = Coefficient related to type of work.

M = Current module.

U = Coefficient related to the use of the building.

S = Gross area.

1) M = Standard official value 742 €/m²

2) E = 1 + (0,05 x n) = 1 + (0,05 x 9) = 0,45

$$n = (2 + 3 + 1 + 1 + 1 + 1) = 9$$

4 Floors above ground = 2 points

Façade percentage on perimeter +75% = 3 points

1 Floor below ground = 1 point

Special foundations = 1 point

Includes lift = 1 point

Includes heating = 1 point

3) U = Standard value for schools and medical centres = 1,5

4) O = Standard value related to span dimensions = 1

5) S = Total gross area of the project = 1783 (above g.) + 590 (below g.) = 2373 sqm

$$P = 742 \times 0,45 \times 1,5 \times 1 \times 2373 = 1,188,517.05 \text{ euros}$$

B) Landscape Cost:

$$44,35 \text{ €/m}^2 \times 812 \text{ sqm} = 36,012.2 \text{ euros}$$

C) Technical and work project for the full package of specialties to the investment project =
100,000 euros

D) Other types of activities (Compliance Assessment Report, Environmental Impact Assessment Report, construction supervision and state fees for reconciliation and commissioning) = 8% =
116,160 euros

TOTAL COST = 1,188,517.05 (A) + 36,012.2 (B) + 100,000 (C) + 116,160 (D) = 1.440.689,25 euros