

## **Animal Rescue and Veterinary Center - "City Dog"**

### **Technical Description**

**Location Parcel and Pin:** (41°57'30.3"N 21°28'53.8"E) KP2279, KP2278 - Gorno Lisice, Visice in the Republic of Macedonia 1000 Republic of Macedonia

**Parcel Area:** rural land of 3000m<sup>2</sup>, surrounded by nature

The facility field is located in the area of Pintija, 8 km from Skopje city centre. The facility would be accessed through a street road while there is space to make another small road through the other side where the car parking would be, this way the emergency vehicles and visitor's entrance would be different. The architectural plan has anticipated the majority of parking space for the emergency vehicles, but also added 6 vehicles for visitors, and green parking for 10 bicycles.

#### **Initial Facility Plan and Constitution**

**ADMISSION DEPARTMENT** – area of 32 m<sup>2</sup>, where the welcome desk, reception and admission station would be located.

**FIRST AID** – area of 30 m<sup>2</sup>, an emergency department which serves as first aid and instant medical assistance for the animals.

**BATH & GROOMING** – an area of 30 m<sup>2</sup>, equipped for disinfection, bathing and grooming.

**OPERATING ROOM** - an area of 34 m<sup>2</sup>, for medical interventions that have suitable operating tables and medical equipment. In this space, there will also be a small rehabilitation corner.

**POST TREATMENT** – area of 47 m<sup>2</sup>, supervised and controlled room which serves as a post-traumatic and treatment section, for animals who were recently operated or treated.

**REHABILITATION** – another post-treatment and medical care area of 60 m<sup>2</sup> interior space and 87 m<sup>2</sup> outdoor, external space. Depending on the circumstances, emergency and breed, animals will be suitably allocated.

**ADOPTION CENTER** – area of 220 m<sup>2</sup>, for temporary housing and stay, which has two built-in levels of 45+ beds, constructed for different categories and types of animals. This section has temperature regulating, heating and cooling systems, as well as 24/7 medical assistance. It is supervised with surveillance cameras and equipped with fire alarms.

**SOCIALIZATION FIELD** – an outdoor area of 380 m<sup>2</sup>, which is divided into four sections depending on the type, size and state of the animals (safety comes first, play second). There is also an additional part for the future pet adopters, it contains a small playground, where they can meet and play.

This is the initial first and main facility centre, and our mission is to make it of 100% recycled and natural, environmental- friendly materials (wood, glass wool, stone wool, sand, rocks). The building has isolation made with 20 cm sidewalls and solid roofing. The overall internal floor will be made from ceramic tiles that have heating systems, available 24/7 – while also the rooms containing internal

temperature systems that can maintain all rooms with a constant temperature. The facility would have special eco-ventilation that works to maintain the warmth in the premises.

The first-aid, operating and post-traumatic rooms will be fully equipped with medical materials and are the highest priority. The glass surfaces are glazed with thermopane glass, having 7 layered windows, for safety reasons. The roof surfaces are covered with plasticized isolation, preventions of leakage and other winter-time protectors. The interior and unit houses will be equipped following the norms and comfort of housing the animals, as well as their rehabilitation.

Internal electrical installations would be added according to the norms for the preparation of prefabricated materials for the facility. Surveillance and supervisory will be implemented by a local security company, setting up cameras, security and fire alarms.

Calculation of Capital				
		AMOUNT	PRICE/EUR	TOTAL COST ~
1	Excavation	3000	10.00 €	30,000.00 €
2	Scaling the Field	3000	5.00 €	15,000.00 €
3	Reinforced Concrete Flooring	500	55.00 €	27,500.00 €
4	Outdoor Field Restoration and Sidewalk	600	20.00 €	12,000.00 €
5	Green Surfaces	2000	10.00 €	20,000.00 €
6	Wooden Construction	500	400.00 €	200,000.00 €
7	Electrical Installation	500	15.00 €	7,500.00 €
8	Air-conditioning, Temperature and Ventilation systems	500	30.00 €	15,000.00 €
9	Sewerage system	500	20.00 €	10,000.00 €
10	Water supply system	500	10.00 €	5,000.00 €
11	Thermo pumps	500	20.00 €	10,000.00 €
12	Underfloor Facility Heating	500	35.00 €	17,500.00 €
13	Setting Ceramic Tiles	1000	50.00 €	50,000.00 €
14	Interior design	1	30,000.00 €	30,000.00 €
15	Interior Housing Units	50	100.00 €	5,000.00 €
16	Medical Equipment	1	30,000.00 €	30,000.00 €

17	Medical Tables	4	1,000.00 €	4,000.00 €
18	Initial Food Supply	3000	5.00 €	15,000.00 €

<b>Total</b>	503,500.00 €
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