

## COST ANALYSES

In order to make a quotation regarding what it would cost us in monetary terms to create our project animation we made a brief investigation of the prices of 3D animations to have a margin of reference, in turn we also investigated on 2D animations, to all this we had the following results.

Vídeo animado	Precio por segundo
1 segundo	\$600 MXN - \$2,000 MXN
15 segundos	\$10,000 MXN - \$17,000 MXN
60 segundos	\$25,000 MXN - \$60,000 MXN
120 segundos	\$40,000 MXN - \$100,000 MXN

**Table 1.1 Pricing 3D Animations**

Tipo de caricatura	Precio
Caricatura individual en blanco y negro	\$360 MXN - \$650 MXN
Caricatura individual a color	\$415 MXN - \$850 MXN
Caricatura individual digital en blanco y negro	\$250 MXN - \$360 MXN
Caricatura individual digital a color	\$300 MXN - \$700 MXN
Caricatura de parejas en blanco y negro	\$660 MXN - \$800 MXN
Caricatura de parejas a color	\$850 MXN - \$1,400 MXN
Caricatura digital de parejas en blanco y negro	\$650 MXN - \$850 MXN
Caricatura digital de parejas a color	\$660 MXN - \$1,200 MXN
Caricatura para grupos	\$200 MXN/persona - \$550 MXN/persona

**Table 1.2 2D Animation Pricing**

Taking as a base these tables, and especially Table 1.1, we can begin to work. Our project takes as such, to perform a complete animation without user interaction, one minute 3 seconds, now if we want to appear or run the animations that are executed

by the same user the time increases so we assume that it takes a total of 120 seconds (2 minutes). With this we will take the average of the value of both prices having a cost of \$70,000.

For the part of the models this can be more complicated since the prices vary sometimes according to the size or how complicated it is to do this, the prices collected in the following web pages:

- <https://free3d.com/es/>
- <https://www.turbosquid.com/es/Search/3D-Models/free/obj>

They range from \$5 dollars to \$52,366 dollars. To get the total cost for our project you can see the following table where we expose the price of each of our objects according to our criteria of complexity and size compared to the previously mentioned websites.

OBJ	PRICE (DOLLARS)
BANDANA	3
BIJUDAMA	2
TOBI	24
DEATHSTAR	7
BIJU	30
GARGANTUA	15
GLOBO TERRAQUEO	7
KAMA	2
KATANA	2
KUBIKIRIBOCHO	3
KUNAI	7
LASER	2
MESA	7
MUEBLE	3
SHUKAKU	3
PLATO CON FIDEOS	2
PLATO SIN FIDEOS	2
RESTAURANTE	17
SHURIKEN 4 DAGAS	10
SILLARESTAURANTE	7
SNITCH	20
TREBOLCARMESÍ	12
TOTAL	187

We converted the value to pesos based on the value of the dollar, which will be \$3250.71.

If we add the price of the objects with the animation time we will have a cost of \$73,250.71

In our case, since we have invested time in the creation of our project we consider that 20% of the cost value would be adequate for our effort, so the final value of the project would be a total of \$87,900.852 Mexican pesos.