**Bid Proposal : typical sunshade**

All components of the sunshade will be made of aluminum extrusion.

1. **Blades :**
   1. The blades will be model [enter the chosen model here] in extruded aluminum alloy 6063-T6 or

6061-T6. These blades will be positioned so as to meet the visual appearance sought by the architect.

1. **Supports :**
   1. The supports will be in

*aluminum plate with a thickness of 6.35 mm (¼") and a profile according to the architect's drawings*

**OR**

*double “Cométal 4U” frame forming a 101.6 x 38.1 mm (4” x 1½”) tube*

**OR**

*double "Cométal 6U" frame forming a 1*52.4 x 76.2 mm (6" x 3") tube

**OR**

*double "Cométal 8U" frame forming a* 203.2 x 76.2 mm (8" x 3") tube

The modules will be supplied in the required dimensions so as to adapt perfectly to site conditions. These modules must be cut to take into account the span of the blades, transport and handling on site.

1. **Wall anchors:**
   1. Curtain wall anchor :

Extruded aluminum angle 152.4 x 38.1 x 9.53 mm (6" x 1½" x 3/8") for installation in curtain wall mullions.

**OR**

* 1. Mechanical anchor :

Mechanically assembled aluminum angles and plate for installation behind the covering.

**OR**

* 1. "T" anchor :

101.6 x 101.6 x 9.53 mm aluminum extrusion for surface installation.

**OR**

* 1. Tie rod :

"T" anchor, flat aluminum 38.1 x 9.53 mm (1½" x 3/8") and "H" in extruded aluminum 38.1 x 9.53 mm (1½" x 3/8").

1. **Assembly :**
   1. The modules will be supplied in the required dimensions so as to adapt perfectly to site conditions. These modules must be cut to take into account the span of the blades, transport and handling on site.
   2. The assembly of all aluminum components will be done mechanically using screws. Welding should be avoided in order to maintain the mechanical properties, as well as the anodic quality of the aluminum.
2. **Finishes**: The visible parts will be:
   1. Mill finish

**OR**

* 1. Coated with polyurethane acrylic paint:

Meets the AAMA-2604 standard, architect's choice of colour, chrome phosphate conversion pre-treatment, all with a 5-year warranty*.*

**OR**

5.3 Coated with a thermosetting Super Durable Liquid paint:

Meets the AAMA-2604 standard, architect's choice of colour, chrome phosphate conversion pre-treatment, all with a 10-year warranty.

**OR**

* 1. Coated with Duranar baked enamel:

Made from inert fluorocarbon resin paint KYNAR 500 (70 %). Meets the AAMA-2605 standard, architect's choice of colour, all with a 20-year warranty.

**OR**

* 1. Coated with Duranar XL baked enamel:

Made from inert fluorocarbon resin paint KYNAR 500 (70 %) with a layer of XL varnish. Meets the AAMA-2605 standard, architect's choice of colour, all with a 20-year warranty.

**OR**

* 1. 10 micron clear anodized finish:

Minimum thickness of 0.4 mils (10 microns) according to AAM12C22A31.[[1]](#footnote-1)

**OR**

* 1. 18 micron clear anodized finish:

Minimum thickness of 0.7 mils (18 microns) according to AAM12C22A41.1

**OR**

* 1. Colour Anodized finish:

Minimum thickness of 0.7 mils (18 microns) according to the AAM12C22A44 standard, in the standard colours chart.1

1. **Installation :**
   1. The sunshades must be installed square and following the manufacturer's recommendations.

1. \*\*\* Please note, this process may result in colour variations and may be restricted by product dimensions \*\*\* [↑](#footnote-ref-1)