Tender document

Lifeline overhead

**Pos. XX.XXX: Cable lifeline**

Securope cable lifeline conform to standard EN795: 2015 Type C and to technical specification TS16415: 2013. The lifeline is composed of a cable ø8mm diameter and straining 1x19, end and intermediate anchors in stainless steel AISI316, energy absorber, tensioner, crimping rings and a warning plate. The intermediate anchors are surpassable, the end user can pass the glider through the intermediate anchors without having to disconnect at any point. The energy absorbing system reduces the load transmitted to the structure to maximum 12kN for the end anchors and curves and maximum 6kN for the intermediate anchors. The lifeline is not subject to any permanent deformation in case of a fall. The distance between two anchors is maximum 12 meters. The lifeline can be used by 2 to 4 persons simultaneously. The cable lifeline uses crimping rings to reduce the cable deflection to max. 120cm. The overhead glider is equipped with rollers, so it can slide smoothly even with a retractable fall arrest device connected to it.

Brand: Fallprotec

Type: Securope

Meters:

 **Pos. XX.XXX : Fixing assembly**

The lifeline is either fixed to the wall or the ceiling.

The support structure is either:

* Concrete

The brackets are fixed by chemical anchoring.

The brackets are made in hot dep galvanized steel or stainless steel depending of the environment. The brackets are non-deformable in case of fall.

* Vertical or Horizontal steel beams.

The brackets clamped to the steel beam with Lindapter clamps. No perforation of the steel structure is authorized.

The supplier must be able to provide detailed pull out force of the clamps.

If shear force applies on the brackets, the clamps must be selected to withstand high slip forces. The brackets are made in hot dep galvanized steel or stainless steel depending of the environment. The brackets are non-deformable in case of fall.

The installer must ensure that the cable passes minimum at 40mm of any obstacle. If pipes, cables, lighting etc. obstruct, then the lifeline must pass below/besides the obstacles so the end user can walk on the complete distance without disconnecting at any point. If necessary customized brackets are to be provided.

The offer includes the layout drawings, the supply and installation of the material and the commissioning by a specialized inspection company or a competent person authorized by the manufacturer.

Brand: Fallprotec

Type: Securope

Units:

**Pos. XX.XXX: Personal protective equipment (P.P.E.)**

Cabinet to store the PPE equipment containing:

* 2 harnesses conform to EN361
* 2 lanyards fitted with an energy absorber conform to EN354 and EN355

Or 2 retractable fall arresters with steel cable complying to EN360

* 4 connectors conform to EN362
* 2 Securope gliders with rollers conform to EN795: 2012 Type C

Note: If the overhead lifeline is not easily accessible the glider and retractable fall arrest device must stay permanently on the system. In that case, the quantities may be higher.

Brand: Fallprotec

Type: Prolight