



## **Tender Specification**

### **XDS Glass Protection System :**

#### **SPECIFICATIONS Glass Protection System –**

A Multilevel glass protection and strengthening system is required, consisting of chemicals for both internal and external sides of the glass combined with multilayered polyester security film, of minimum thickness as specified. Must contain **penetrating acrylic adhesive** containing UV inhibitors. The acrylic adhesive should be a glass penetrating acrylic chemical bonding agent, that when applied to the glass actually **infiltrates** and **absorbs** into the glass pores, and then **hardens** strengthening the glass itself.

The externally used chemical should be **acrylic penetrating adhesive** that is suitable for external use at temperatures up to 50 degrees Centigrade.

The entire process should be capable of installation on the project site without removal of existing glass from the frames. All applications must be carried out by electric squeegee. Minimum warranty period for peeling or discoloration for all internal applications not exposed to the outside, should not be less than 10 years. The glass protection system should be fire resistant. The system should provide a minimum of 99% UV rejection.

#### **Optional Additional Specifications for B.P.(Bullet proof) Glass**

The multilevel glass protection system should be capable of offering the following levels of protection at 5 metres.

##### **Product Description**

12 mm Float Glass treated with glass protection chemicals and 525 micron polyester security film on both sides.

19 mm Float Glass treated with glass protection chemicals and 525 micron polyester security film on both sides.

##### **Protection From**

.38 Caliber RN Lead  
(Handgun)

9mmx19 FMJ 124 Gr.  
(Handgun)