

**4.0 MATERIALS :**

| | Material | CPS No. / IS No. / Available from |
|------|--|---|
| 4.1 | Sulphuric Acid-Technical | : IS:266 |
| 4.2 | Silver potassium cyanide 54% | : IS:6267 |
| 4.3 | Potassium Cyanide | : AA 556 09 |
| 4.4 | Silver anodes | : IS : 1959 |
| 4.5 | Potassium Hydroxide (Caustic Potash) | : IS : 6831 |
| 4.6 | Stainless Steel Anodes | : IS : 6911, Gr:07Cr18 Ni9. |
| 4.7 | Activated carbon pure (for Electroplating) | M/s Graur and weil (India) Ltd. Mumbai. M/s Artek surfín Chemicals (P) Ltd, Mumbai, |
| 4.8 | Silsal 'AX' | : |
| 4.9 | Silsal 'Z' | : M/s. Canning Mitra Phonix Ltd., |
| 4.10 | Silver Brights | : Mumbai |
| 4.11 | Passival 'AG' | : |
| 4.12 | 'Silvernix' Bright Silver salt | : |
| 4.13 | 'Strike Silver' Salt | : M/s. Grauer and weil (India) Ltd., |
| 4.14 | 'Silvernix' Standard Brightener | : Mumbai |
| 4.15 | 'Silvernix' Make-up Brightener | : |
| 4.16 | 'Silchrome' Anti-Tarnishing Solution | : |
| 4.17 | 'Sil Glo' Salt 601A | : |
| 4.18 | 'Sil Glo' Salt 601B | : |
| 4.19 | 'Strik sil' 610 Salt | : M/s. Platewel Processes and |
| 4.20 | 'Sil Glo' 602 Brightener | : Chemicals Ltd., |
| 4.21 | 'Sil Glo' 603 Brightener | : |
| 4.22 | Stopping off lacquer (Resistant to acid, alkali, cyanide and heat) | : M/s. ffiL Ltd.,Kolkata M/s. Shalimar Paints, Kolkata. |
| 4.23 | Grey Mesking compound | : M/s. Phiroz Sethna, Mumbai. |
| 4.24 | Argomax Strike silver salt | : M/s. Artek surfín chemical (p) Ltd., |
| 4.25 | Argomax Bright silver salt | : Mumbai. |

5.0 EQUIPMENT :**5.1 Striking Tank:**

The tank for striking solution shall be made of welded steel lined with rubber / FRP/PVC.

5.2 Plating Tank :

The tank shall be made of welded steel lined with rubber/FRP/PVC fitted with cathode rod movement system.

5.3 Rinsing Tanks :

Mild steel tanks