

## Proposed Raw Materials / Consumables – Bamboo Cluster

| <b>Sl. No.</b> | <b>Item Details</b>         | <b>Specification</b>                                                               | <b>Approx. Quantity</b> |
|----------------|-----------------------------|------------------------------------------------------------------------------------|-------------------------|
| 1              | Thick Structural Bamboo     | Dendrocalamus strictus / Solid Bamboo; 4–5 inch diameter, 18–20 ft length          | <b>5,400 Nos.</b>       |
| 2              | Medium Structural Bamboo    | Bambusa balcooa / Bambusa nutans; 2.5–3.5 inch diameter, suitable length           | <b>4,500 Nos.</b>       |
| 3              | Bamboo Slats & Splits       | Muli Bamboo / suitable flexible bamboo; for weaving, panels, tabletops and baskets | <b>8,100 Nos.</b>       |
| 4              | Safety Equipment Sets       | Heavy-duty gloves, N95 dust masks and safety goggles                               | <b>5 Sets</b>           |
| 5              | Thinner & Denatured Alcohol | High-grade paint/lacquer solvent                                                   | <b>70 Litres</b>        |
| 6              | Clear Topcoat               | PU / Melamine clear finish                                                         | <b>250 Kg</b>           |
| 7              | Wood Stain & Pigments       | Solvent-based coat / varnish wood stain, liquid                                    | <b>80 Litres</b>        |
| 8              | Sandpaper Rolls & Sheets    | Grit 80/120 and 220/400                                                            | <b>700 Sheets</b>       |
| 9              | Epoxy Resin & Hardener      | Heavy-duty filling and bonding compound                                            | <b>60 Kg</b>            |
| 10             | Synthetic Resin Glue        | PVA / D3 waterproof wood adhesive                                                  | <b>75 Kg</b>            |
| 11             | Borax                       | Sodium borate, technical grade; for bamboo treatment                               | <b>600 Kg</b>           |
| 12             | Boric Acid Powder           | Minimum 99% purity; for bamboo preservation/treatment                              | <b>350 Kg</b>           |
| 13             | Neem Oil                    | Natural anti-fungal / preservative additive                                        | <b>70 Litres</b>        |
| 14             | Linseed Oil / Tung Oil      | Protective wood/bamboo finishing and preservative oil                              | <b>250 Litres</b>       |
| 15             | Binding Materials           | High-tensile cane splits, rattan strips or polished jute cords                     | <b>300 Kg</b>           |
| 16             | Wood Screws & Nails         | Anti-rust brass/galvanized, 1.5–3 inch sizes                                       | <b>108 Kg</b>           |
| 17             | Bamboo Dowels & Pins        | Machine-tapered bamboo pins for joining different diameters                        | <b>15,000 Nos.</b>      |