

## BOQ\_Cleaning of 278kWp Solar System at IBA Main Campus & Girls Hostel

Sr No	Description	Unit	Qty
1	<p>We require the cleaning of an 278 kWp on-grid Elevated Car Port, Ground Mount &amp; Semi elevated solar panel system in accordance with the manufacturer's guidelines.</p> <p><b>Technical Details:</b></p> <p>PV Modules: 580, 585 &amp; 590 Wp Mono PERC Half-Cell Crystalline (Bifacial)</p> <p>Brand: Jinko &amp; Trina</p> <p>System Size: 278kWp</p> <p><b>Cleaning Protocol:</b></p> <p>Cleaning must be performed without the use of abrasives or chemicals. Only air, water, and microfiber cloths as specified by the manufacturer are permitted for cleaning.</p> <p><b>Contractor Responsibilities:</b></p> <p>The contractor must provide all necessary labor, labor supervision, and approved materials to clean the solar panels at the specified site. No person is permitted to walk on the solar panels. The contractor must provide cleaning mops as required to meet the specific site conditions.</p> <p><b>Utilities:</b></p> <p>Only Water and electricity connection will be supplied by IBA. Power cable &amp; water pipe for pump is needed on-site, the contractor is responsible for arranging and supplying these items.</p> <p><b>Water Usage:</b></p> <p>The contractor must use karcher pump or low-water consumption equipment to minimize water wastage.</p> <p><b>Scaffolding and Ladders:</b></p> <p>IBA will provide one scaffolding unit. If additional scaffolding or ladders are required, it will be the contractor's responsibility to arrange them.</p> <p><b>Safety Equipment:</b></p> <p>Safety Equipment: All laborers must be equipped with appropriate safety gear. Any laborer without proper safety equipment will not be permitted on site.</p> <p><b>Note:</b></p> <p>The contractor is responsible for any damage to the solar arrays or PV modules caused during cleaning. This includes replacement with equivalent make, model, and specifications with all related accessories.</p> <p>Cleaning Frequency: Twice in a month after every 15 days of interval. Total 6 numbers of cleaning cycles required.</p> <p>-Site Visit is mandatory before submission of quotation.</p> <p>-SST 15% will charge</p>	Each	6