

BOQ_IBA KARACHI SOLAR STRUCTURE

Sr. No.	Description	Unit	Qty
1	<p>Providing all labor, supervision, tools, tackles, equipment, access arrangements, and consumables required for inspection of the installed solar PV module mounting structure, including verification of structural alignment, mounting arrangement, support members, rails, clamps, nuts, bolts, anchors, bracing members, and other related structural components. The scope shall include checking for loose nuts, bolts, anchors, clamps, support members, rails, bracing, misalignment, deformation, corrosion, and other visible installation deficiencies, and carrying out necessary tightening/adjustment/rectification of all loose nuts, bolts, anchors, clamps, support members, rails, bracing members, and associated connections to ensure the structure is properly secured and stable. The item shall further include preparation and submission of a report with observations and overall assessment of the installed solar structure, complete in all respects as directed by the Engineer-in-Charge.</p> <p>Technical Details: PV Modules: 585, 595 Wp Mono PERC Half-Cell Crystalline (Bifacial) Brand: Trina System Size: 152kWp Nos. of Solar Panel: 272 Structure Type: Carport, Roof Mounted Semi Elevated & PEB Shed Mounted Location: IBA Main Campus Karachi</p>	Job	1
2	<p>Providing all labor, supervision, tools, tackles, equipment, access arrangements, and consumables required for inspection of the installed solar PV module mounting structure, including verification of structural alignment, mounting arrangement, support members, rails, clamps, nuts, bolts, anchors, bracing members, and other related structural components. The scope shall include checking for loose nuts, bolts, anchors, clamps, support members, rails, bracing, misalignment, deformation, corrosion, and other visible installation deficiencies, and carrying out necessary tightening/adjustment/rectification of all loose nuts, bolts, anchors, clamps, support members, rails, bracing members, and associated connections to ensure the structure is properly secured and stable. The item shall further include preparation and submission of a report with observations and overall assessment of the installed solar structure, complete in all respects as directed by the Engineer-in-Charge.</p> <p>Technical Details: PV Modules: 545/550 Wp Mono PERC Half-Cell Crystalline (Monofacial) Brand: Jinko System Size: 826kWp Nos. of Solar Panel: 1516 Structure Type: Carport & Busport Location: IBA Main Campus Karachi</p>	Job	1

- Note:**
- The contractor is responsible for any damage to the solar arrays or PV modules caused during inspection. This includes replacement with equivalent make, model, and specifications with all related accessories.
 - All laborers must be equipped with appropriate safety gear. Any laborer without proper safety equipment will not be permitted on site.
 - IBA will provide one scaffolding unit. If additional scaffolding or ladders are required, it will be the contractor's responsibility to arrange them.
 - This activity will be carried out on designated days, subject to the availability of vacant parking space.
 - A site visit is mandatory prior to submitting the quotation.
 - The contractor must submit experience certificates for at least three completed solar projects of minimum 500 kWp capacity involving elevated/carport solar structures.