

3.

BILL OF QUANTITY

Items	Qty	Unit	Quoted Brand	Rate	Amount
<p>Supply of Mono Crystalline P-type 144 Cells Photovoltaic Solar Modules Tier 1 Type anti-reflective high transparency low iron tempered glass, with earthing provision. The modules STC parameters must be as under</p> <p>(a) Power Pmax 545/550 Wp rated power (b) Open circuit voltage (Voc) +/- 5% 48.47V-53.57V (c) MPPT Voltage Vmpp 41.2V - 41.8V (d) MPPT Current Impp 12.75A - 13.04A (e) Short Circuit Current Isc +/-5% 13.65A - 13.92A (f) Module Efficiency 21.0-22.0% (g) Operating Temp. Degree Centigrade -40 ~ +85 (h) Maximum System Voltage 1500V UL 1000V IEC (i) Maximum Series Fuse Rating 25 A (j) Junction Box Protection Degree, IP 68 (k) Connection box, 4.0mm² conductor cross section, (l) Cable with, MC4 male and female connectors, (m) Anodized Aluminium Frame and Support Bars (n) PVC duct, Clamps & Accessories, support and labels to be stalled under PV Array. (o) Solar Panels should be compatible with the installed existing PV Modules (Jinko 545Watt Mono Crystalline P type) Brand: Jinko Tiger Pro 72HC Mono Facial Module or equivalent (compatible) The supplier shall provide manufacturer warranty for solar panel for a period not less than 25 years. Supplier must submit all the required certificates for each PV solar panel from manufacturer as per specification before delivery. Cost of transportation shall be deemed to have been include in tendered rates. The Supplier shall deliver the solar panels at IBA Main campus, Karachi University Enclave at designated place as per IBA recommendation.</p>	62	Pcs	Jinko	24999/2	1549972/=
Total					21549972/2
18% GST					278995/=
Grand Total Amount					1828976/=

HARIS QURESHI
 External Member - PC
 Procurement Specialist - HEJ
 University of Karachi

Syed Akbar Hussain Kazmi
 Member - PC
 Manager Finance (Payable)
 IBA Karachi

Grand Total Amount (in words) One million eight hundred

Twenty eight thousand nine hundred and seventy six

Seven of

S.M. SAJJAD & BROTHERS
 Govt. Supplier & Contractor
 F.F.E.L Approved Contractor
 Tel: 3447845
 Norman Arcade Karachi

Institute of Business Administration
 IBA
 Stamp

DR. SHAHID MIR
 Chairman - PC
 Assistant Professor - Management
 IBA Karachi