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Ref. # FS-AS-02-2023

### PROJECT SCOPE

Supply and Installation of 12 KW Hybrid solar system with 12 KW Inverter

### Client Profile

**Name:** Mr. Ammar

**Address:** Karachi

S.No	Description	Make	Qty.
1	Inverter: 12 KW Three Phase Hybrid Inverter with 5 Years product warranty	Inverex	1
2	Energy storage system: 48V 40A Lithium ion battery (8 kwh backup)	Li Power	4
3	Solar Panels: 550 watt Mono PERC A grade, Tier-1 solar panels	Jinko/JA/Canadian/Longi	22
4	DC WIRING: DC Erection, Module interconnections, Formation of Strings & Arrays, DC cable laying & Termination (HFFR Cables)	Branded	1
5	DC Control Box: DC 1000 Volt Fuse	CNC	1
6	AC WIRING: 4mm AC wiring from Inverter to DB (10m)	Pakistan cable	1
7	AC Control Box: 4 Pole AC Breaker & 4 Pole SPD	Branded	1
8	Earth Pits: Complete AC/DC Earthing	Job	1
9	Accessories: MC4 Connectors, fasteners, cable tie etc.	Job	1
10	Transportation	Job	1
11	SERVICE: Installation of PV panels, Inverter and system configuration	Job	1
12	Panel Mounting Structure: 10-15 degree tilt, special elevated Girder Structure with epoxy paint (min. height 7ft and max. Height 10ft) 1 Platform and ladder also included	Job	1

Total: 4,030,000

Annual Estimated Generation: 19700 kwh

**SOLAR PANELS:** 12/25 YEARS WARRANTY FROM MANUFACTURER

**INVERTER:** 5 YEARS WARRANTY FROM MANUFACTURER

**BATTERY:** 2 YEARS WARRANTY FROM MANUFACTURER

**SERVICE:** 1 YEAR FREE AFTER SALES SERVICE FROM FUTURE SOLAR

#### Notes:

- Above quoted price is net and without any tax
- Any extra work will be charged separately
- K.E Meter (103000) charges will be paid by the client
- Lead time: 4 weeks (from advance payment date and subject to availability of goods)
- Payment terms: 80% advance, 10% after delivery of goods and 10% after job completion (\*job completion refers to system installation)
- Validity of quotation: 7 days
- Future Solar will assist client in net metering application. However, company doesn't deal with change of name, load enhancement and fast tracking of net metering application. Client will be responsible to provide ready documents for net-metering application.