

K-Solar

TENDER NOTICE

K-Solar invites sealed tenders for Procurement/supply/service/job as per details given below:-

Purchase Requisition for C&I System installation-K-Solar				
PR 1700000012 KS-PP-121A-K-2021 - TENDER OPENED ON 19.08.2021				
SR. #	KESC MATERIAL CODE	ITEM DESCRIPTION	QTY	UNIT
10		PV SYSTEM INSTALLATION - C&I	1	AU
1.1	7000021	PV SYSTEM C&I - TURN KEY PV System C&I system installation on turnkey basis	8,000,000.00	WTT
20		MATERIAL FOR C&I INSTALLATION	1	AU
2.1		DC Cable 4 mm2 - 4 mm2 DC Copper Cable; Single core 1000Vdc double insulated XLPE, uPVC Pipe, Lugs, Shrouds*	1	M
2.2		DC Cable 6 mm2-6 mm2 DC Copper Cable; Single core 1000Vdc double insulated XLPE, uPVC Pipe, Lugs, Shrouds*	1	M
2.3		DC Cable 10 mm2- 10 mm2 DC Copper Cable; Single core 1000Vdc double insulated XLPE, uPVC Pipe, Lugs, Shrouds*	1	M
2.4		DC Cable 25 mm2- 25 mm2 DC Copper Cable; 4 core 1000Vdc double insulated XLPE, uPVC Pipe, Lugs, Shrouds*	1	M
2.5		DC Cable 70 mm2- 70 mm2 DC Copper Cable; Single core 1000Vdc double insulated XLPE, uPVC Pipe, Lugs, Shrouds*	1	M
2.6		AC Cable 4 mm2-4 mm2 AC Copper Cable; Single core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.7		AC Cable 6 mm2-6 mm2 AC Copper Cable; Single core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.8		AC Cable 10 mm2- 10 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.9		AC Cable 16 mm2- 16 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.10		AC Cable 25 mm2- 25 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.11		AC Cable 35 mm2- 35 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.12		AC Cable 50 mm2- 50 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.13		AC Cable 70 mm2- 70 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.14		AC Cable 95 mm2- 95 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.15		AC Cable 120 mm2- 120 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M

2.16		AC Cable 150 mm2-150 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.17		AC Cable 185 mm2- 185 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.18		AC Cable 240 mm2- 240 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.19		AC Cable 300 mm2-300 mm2 AC Copper Cable; 4 core 600 Vac cuPVC/PVC insulated, uPVC Pipe, Lugs, Shrouds* or Equivalent	1	M
2.20		Earthing Cable 10 mm2 -10mm2 Copper Cable for Earthing and lightning arrester; Single core 1000Vdc cu PVC/PVC insulated, uPVC Pipe, Lugs, Shrouds*	1	M
2.21		Lightning Arrester-19 mm2 Rod Copper Clad 1 Meter / 2 Meter	1	M
2.22		Earthing Package-Earthing Plate: 1.5 Inch; Separate AC & DC grounding pits of 60 ft depth / Earthing Rod 25mm with clamps	1	M
2.23		Earth Wire-Y/G 1.5 mm2 Earth wire with Lugs shrouds SS 6mm Nut Bolts with Plain and Star Washers	1	M
2.24		Communication Cable-Shielded communication cable STP CAT-6	1	M
2.25		2" Cable Tray-2" Cable Trays; Aluminum/GI Over and Under roof Trays*	1	M
2.26		4" Cable Tray-4" Cable Trays; Aluminum/GI Over and Under roof Trays*	1	M
2.27		6" Cable Tray-6" Cable Trays; Aluminum/GI Over and Under roof Trays*	1	M
2.28		8" Cable Tray-8" Cable Trays; Aluminum/GI Over and Under roof Trays*	1	M
2.29		AC/DC PANEL; SOLAR AC/DC 10KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA
2.30		AC/DC PANEL; SOLAR AC/DC 15KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA
2.31		AC/DC PANEL; SOLAR AC/DC 20KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA
2.32		AC/DC PANEL; SOLAR AC/DC 25KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA
2.33		AC/DC PANEL; SOLAR AC/DC 33KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA
2.34		AC/DC PANEL; SOLAR AC/DC 50KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA

2.35		AC/DC PANEL; SOLAR AC/DC 100KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA
2.36		AC/DC PANEL; SOLAR AC/DC 110KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA
2.37		AC/DC PANEL; SOLAR AC/DC 250KW - AC SPDs, IP 65 AC breaker box with fuses / DC Isolators, Distribution box with AC breakers, Energy Analyzer Schneider (ABB or Terasaki) and all the allied accessories	1	EA
2.38		Display Devices (Tablet) - Separate tablet/display device (16/21+ inch) with wall mount display at building entrance; installation and connectivity of inverter application	1	EA
2.39		Display Devices (LCD) - Separate tablet/display device (16/21+ inch) with wall mount display at building entrance; installation and connectivity of inverter application	1	EA
2.40		Cleaning Equipment - High Pressure Washer/Karcher pump 1600W (Toshiba/Hyundai/Daewoo), Bladed wiper/ dry mop (8' Bladed Wiper and Mop)	1	EA
2.41		Solar Structure GI Non Elevated - STRUCTURE; SOLAR, GI, STANDARD, NON-ELEVATED**	1	WTT
2.42		Solar Structure AL Non Elevated - STRUCTURE; SOLAR, AL, STANDARD, NON-ELEVATED**	1	WTT
2.43		Solar Structure GI Elevated - STRUCTURE; SOLAR, GI, STANDARD, ELEVATED**	1	WTT
2.44		Solar Structure AL Elevated-STRUCTURE; SOLAR, AL, STANDARD, ELEVATED**	1	WTT
2.45		2.5" PVC Pipe - 2.5" PVC Pipe for Outdoor wiring complete with socket, shaddle and bend*	1	M
2.46		2" PVC Pipe - 2" PVC Pipe for Outdoor wiring complete with socket, shaddle and bend*	1	M
2.47		1" PVC Pipe - 1" PVC Pipe for Outdoor wiring complete with socket, shaddle and bend*	1	M
2.48		0.75" PVC Pipe - 0.75" PVC Pipe for Outdoor wiring complete with socket, shaddle and bend*	1	M
2.49		Meter Box - Box for Energy Meter IP-65	1	EA
2.50		Earth BusBar Box - Box for Earth Bus Bar	1	EA

BIDS WILL NOT BE ACCEPTED AFTER THE GIVEN DEAD LINE DATE

OTHER TERMS AND CONDITIONS:

1.Price should be fixed for ONE Year from the award of Contract.

- 2.It is K-Solar discretion whether to purchase none or complete lot.
- 3.Brands of Cable: Pakistan, Universal, Top, Pioneer, Fast
- 4.Brand of MCCB: ABB, Schneider and Terasaki
- 5.Prices should be inclusive of WHT.
- 6.Payment Terms: 50% after completion of services and remaining 50% within 30 days of GRN and submission of Invoice whichever is later
- 7.Performance Bond: 10% of Grand Contract Value against Insurance Guarantee valid for 6 months from Contract.
- 8.Delivery:

a.30-50 kW	12 days
b.51-100 kW	15 days
c.101-250 kW	21 days
d.250-900 kW and above	45 days

K Solar reserves the right to reject any or all the bids and to annul the bidding process at any time without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s).
Bids will be rejected in case of non-compliance to submission criteria.

Specs / technical details/TOR's are attached herewith.

Quotation complete in all respect (Technical and Commercial Separately) should be marked and addressed as per below details and should be submitted to 1st Floor, Procurement Division Building, J Block, Elander Road, (Power House) Complex, Karachi on or before 19.08.2021 upto :05:00 PM (Pakistan Standard Time)

- Annexure - A (KE's standard terms and conditions) are the part of RFQ Package.

For any technical query please contact with:

Mr. Abdus Samad - Technology Lead-Finance , Cell: 0346-8223085 , email address : mabdus.samad@ke.com.pk

- Subject to be marked on sealed envelope as follows:

Purchase Requisition for C&I System installation-K-Solar - PR No. 1700000012 Ref. No. KS-PP-120A-K-2021