

FINANCIAL EVALUATION / COMPARATIVE STATEMENT

COMPARATIVE STATEMENT :

1. Name of Procuring Agency: University of Health Sciences Lahore
2. Method of Procurement: Single Stage Two Envelope Bidding Procedure under clause 38, (2) (a) of PPRA Rule 2014 (Amended)
3. Title of Procurement: Tender for Supply and Installation of Solar System (with netmetering) at City Campus Lahore and Jinnah Campus Kala Shah Kaku
4. Date & Time of Bid Closing: 24-01-2025 - 03:00 PM
5. Date & Time of Bid Opening: 24-01-2025 - 03:30 PM
6. Financial Opening: 21-03-2025
7. No. of bids received: 06

Approved Estimated Cost: Rs.74,880,000/-

Sr No	Component /description	Capacity	Total Capacity / Qty.	Bidder Name																	
				1			2			3			4			5			6		
				M/S Pantera Energy			M/S True Solar (Pvt) Ltd			M/S Hajveri Works J/V Abdul Wahab & Enterprises			M/S Shafiq Construction J/V Elite Solution			M/S Associated Technologies Pvt Ltd J/V Ningibo Green light Pvt Ltd			M/S Techno Time (Pvt) J/V Renewable Stars Pvt Ltd.		
Brand / Model	Unit Price	Total Price	Brand / Model	Unit Price	Total Price	Brand / Model	Unit Price	Total Price	Brand / Model	Unit Price	Total Price	Brand / Model	Unit Price	Total Price	Brand / Model	Unit Price	Total Price				
City Campus Lahore																					
1	Supply of solar panels (Bifacial) N-type Top Tier of make Longi/JA/Canadian/Jinko or equivalent	585 watt or higher	270KW	Astronergy / Egi	35,000.00	9,450,000.00	Jinko, Canadian, Longi, JA, Trina, Astro N5	40 per watt	10,800,000.00	JA	35 Per Watt	9,450,000.00	Astronergy N-Type / JA N-Type Bifacial 585 W	32.00	8,648,640.00	China (JA/Trina)	35,913.00	9,696,496.00	Complete Job / Complete Solution		
2	Supply Solar Inverters On-Grid with DC/AC surge protection of make Huawei/ Growatt/ Solis/ Sungrow or equivalent	----	270 KW	GoodWee / Sineng	18,000.00	4,860,000.00	Huawei, Solis, GoodWee, Growatt	17 Per watt	4,590,000.00	GoodWee	6,000,000.00	6,000,000.00	Solis	12.95	3,500,000.00	China (Growatt)	1,508,387.00	3,016,774.00			
3	Mounting regular structure made of Aluminium gauge 3mm including Civil Works with 10 degree angle or as per site requirement	270 KW	270 KW	Pantera Energy Aluminum Str	17,500.00	4,725,000.00	3"x5" H-Beam Iron 1.5"x1.5" Angle /pipe 3"x1.5" Galvanized C-C Channel Base Plate	17.5 Per Watt	4,725,000.00	BH Smith	12000 Per KW	3,240,000.00	Local Aluminum	14.43	3,900,000.00	Pakistan	5,386,941.00	5,386,941.00			
4	Supply of LV Panels as per site requirements including breakers, relays complete in all respect.	For 270 KW As per site requirement	Complete Job	Local (Chint Breakers)	1,080,000.00	1,080,000.00	Chint Tomzn	7 Per watt	1,890,000.00	Shneider	1,800,000.00	1,800,000.00	Local	11.10	3,000,000.00	Pakistan	168,192.00	168,192.00			
5	Supply and Installation of DC Cable (UV protected XLPE) for PV interconnection of make Pakistan/ Newage/ Fast cables or equivalent	4mm	Complete Job	4mm2 XLPE / PVC Tinned Newage Cable	3,240,000.00	3,240,000.00	Newage or Fast Cable	9 Per watt	2,430,000.00	Fast Cables	400,000.00	400,000.00	Newage	8.88	2,400,000.00	Pakistan (Fast)	1,393,588.00	1,393,588.00			
6	A.C cable of make Pakistan/Newage/Fast cables or equivalent	As per site requirement	Complete Job	3.5C XLPE/PVC Newage Cable	1,350,000.00	1,350,000.00	Newage or Fast Cable	6 Per Watt	1,620,000.00	Fast Cables	600,000.00	600,000.00	Newage	10.73	2,900,000.00	Pakistan (Fast)	867,657.00	867,657.00			
7	Special Earth 150ft bore, thimbles, single core copper cable earth pit, chemicals etc. with maximum 2ohm resistance complete in all respect.	35mm	06 Nos.	As Per NEPRA	540,000.00	540,000.00	Local	1 Per Watt	270,000.00	Local	120,000.00	720,000.00	Newage	1.07	288,358.00	Pakistan	66,074.00	66,074.00			
8	Supply and installation of Earthing cable flexible for PV	8mm	6 Jobs.	Newage Cable	405,000.00	405,000.00	Local	1 Per Watt	270,000.00	Local	80,000.00	480,000.00	Newage	0.78	210,000.00	Pakistan	67,278.00	67,278.00			
9	supply and installation of light arrester including copper patti/cable and copper flower rod as per standard complete in all respect.	As per site requirement	8 Nos.	As Per NEPRA	135,000.00	135,000.00	Local	1 Per Watt	270,000.00	Local	200,000.00	1,600,000.00	Copper Rod Local + Newage Cables	0.56	150,000.00	Pakistan	92,773.00	92,773.00			
10	Accessories for cable ties, cable duct, insulation tape, pvc pipes, cable tray, flexible pipes, MC 4 connector's lugs etc. complete in all respect.	As per site requirement	Complete Job	Local	1,620,000.00	1,620,000.00	Local	2 Per Watt	540,000.00	Local	400,000.00	400,000.00	Local	1.52	410,000.00	Pakistan	627,382.00	627,382.00			
11	Providing, fixing and installation of Solar panel water cleaning spray nozzle (Sprinklers) 180 degree including PPRC wiring complete in all respect.	As per site requirement	Complete Job	Local	2,160,000.00	2,160,000.00	Local	1 Per Watt	270,000.00	Local	1,200,000.00	1,200,000.00	Local	2.22	600,000.00	Pakistan	600,685.00	600,685.00			
12	NEPRA Fee, demand notice, meter charges, net metering processing charges, bi-directional CT meters complete in all respect. (total price must include all applicable fees mandatory for net metering)	270 kw	Complete Job	As Per NEPRA	1,890,000.00	1,890,000.00	True Solar	6 Per Watt	1,620,000.00	Local	1,400,000.00	1,400,000.00	N/A	5.92	1,600,000.00	Pakistan	827,611.00	827,611.00			
13	Online monitoring system provide web based visual access to solar system and system can be accessed from anywhere via internet. Monitoring system including ; • LCD 55" for energy monitoring with complete system • Energy overview • Energy production (daily, monthly, yearly). • Performance ratio	270 KW	Complete Job	As Per Requirement	675,000.00	675,000.00	True Solar/ TCL	2 Per Watt	540,000.00	Local	900,000.00	900,000.00	Haier LCD	0.93	250,000.00	China	300,342.00	300,342.00			
14	PV Diesel Gen Set synchronization with solar system	500 KVA gen set	Complete Job	Fusion Soler / Egi.	1,080,000.00	1,080,000.00	Elum / equivalent	4 Per Watt	1,080,000.00	Local	600,000.00	600,000.00	Imported	2.41	650,000.00	Pakistan	734,169.00	734,169.00			
15	Transportation, installation testing and commissioning complete in all respect.	As per site requirement	Complete Job	Local	405,000.00	405,000.00	True Solar	4 Per Watt	1,080,000.00	Local	800,000.00	800,000.00	N/A	1.92	520,000.00	Pakistan	578,740.00	578,740.00			
Total					33,615,000.00				31,995,000.00			29,590,000.00			29,026,998.00			24,424,702.00			
Jinnah Campus Kala Shah Kaku																					
1	Supply of solar panels (Bifacial) N-type Top Tier of make Longi/JA/ Canadian or equivalent	585 watt or higher	306 KW	Astronergy / Egi	35,000.00	10,710,000.00	Jinko, Canadian, Longi, JA, Trina, Astro N5	40 per watt	12,240,000.00	JA	35 Per Watt	10,710,000.00	Astronergy N-Type / JA N-Type Bifacial 585 W	32	9,809,280.00	China (JA/Trina)	40,875.00	11,036,144.00			
2	Supply Solar Inverters On-Grid with DC/AC surge protection of make Huawei/ Growatt/ Solis/ Sungrow or equivalent	----	306 KW	GoodWee / Sineng	18,000.00	5,508,000.00	Huawei, Solis, GoodWee, Growatt	18 Per Watt	5,508,000.00	GoodWee	6,000,000.00	6,000,000.00	Solis	14.68	4,500,000.00	China (Growatt 60 KW / 125 KW)	2,055,677.00	4,111,354.00			
3	Mounting regular structure made of Aluminium gauge 3mm including Civil Works with 10 degree angle or as per site requirement.	306 KW	306 KW	Pantera Energy Aluminum Str	17,500.00	5,355,000.00	3"x5" H-Beam Iron 1.5"x1.5" Angle /pipe 3"x1.5" Galvanized C-C Channel Base Plate	17.5 Per Watt	5,355,000.00	BH Smith	12000 Per KW	3,672,000.00	Local Aluminum	14.68	4,500,000.00	Pakistan	6,131,192.00	6,131,192.00			
4	Supply of LV Panels as per site requirements including breakers, relays complete in all respect.	For 306 KW As per site requirement	Complete Job	Local (Chint Breakers)	1,224,000.00	1,224,000.00	Chint Tomzn	7 Per watt	2,142,000.00	Shneider	2,400,000.00	2,400,000.00	Local	14.35	4,400,000.00	Pakistan	162,853.00	162,853.00			
5	Supply and Installation of DC Cable (UV protected XLPE) for PV interconnection of make Pakistan/ Newage/ Fast cables or equivalent	4mm	Complete Job	4mm2 XLPE / PVC Tinned Newage Cable	3,672,000.00	3,672,000.00	Newage or Fast Cable	9 Per watt	2,754,000.00	Fast Cables	600,000.00	600,000.00	Newage	7.67	2,350,301.00	Pakistan (Fast)	951,485.00	951,485.00			
6	A.C cable of make Pakistan/Newage/Fast cables or equivalent	As per site requirement	Complete Job	3.5C XLPE/PVC Newage Cable	1,530,000.00	1,530,000.00	Newage or Fast Cable	6 Per Watt	1,836,000.00	Fast Cables	600,000.00	600,000.00	Newage	7.5	2,300,000.00	Pakistan (Fast)	2,055,678.00	2,055,678.00			
7	Special Earth 150ft bore, thimbles, single core copper cable earth pit, chemicals etc. with maximum 2ohm resistance complete in all respect.	35mm	6 Nos.	As Per NEPRA	612,000.00	612,000.00	Local	12.5 Per Watt	382,500.00	Local	120,000.00	720,000.00	Newage	0.94	289,000.00	Pakistan	264,302.00	264,302.00			

Handwritten signatures and initials in blue ink.

Sr No	Component /description	Capacity	Total Capacity / Qty.	Bidder Name																
				1			2			3			4			5			6	
				M/S Pantera Energy			M/S True Solar (Pvt) Ltd			M/S Hajveri Works J/V Abdul Wahab & Enterprises			M/S Shafiq Construction J/V Elite Solution			M/S Associated Technologies Pvt Ltd J/V Ningbo Green light Pvt Ltd			M/S Techno Time (Pvt) J/V Renewable Stars Pvt Ltd.	
8	Supply and installation of Earthing cable flexible for PV	8mm	6 Jobs.	Newage Cable	459,000.00	459,000.00	Local	1 Per Watt	306,000.00	Local	80,000.00	480,000.00	Newage	0.69	210,000.00	Pakistan	217,448.00	217,448.00	Complete Job / Complete Solution	
9	supply and installation of light arrester including copper patti/cable and copper flower rod as per standard complete in all respect.	As per site requirement	10 Nos.	As Per NEPRA	153,000.00	153,000.00	Local	1.25 Per Watt	382,500.00	Local	2,000,000.00	2,000,000.00	Copper Rod Local + Newage Cables	0.49	150,000.00	Pakistan	165,522.00	165,522.00		
10	Accessories for cable ties, cable duct, insulation tape, pvc pipes, cable tray, flexible pipes, MC 4 connector's lugs etc. complete in all respect.	As per site requirement	Complete Job	Local	1,836,000.00	1,836,000.00	Local	2 Per Watt	612,000.00	Local	400,000.00	400,000.00	Local	1.66	510,000.00	Pakistan	752,858.00	752,858.00		
11	Providing, fixing and installation of Solar panel water cleaning spray nozzle (sprinklers) 180 degree including PPRC wiring complete in all respect.	As per site requirement	Complete Job	Local	2,448,000.00	2,448,000.00	Local	1 Per Watt	306,000.00	Local	1,200,000.00	1,200,000.00	Local	1.96	600,000.00	Pakistan	867,657.00	867,657.00		
12	NEPRA Fee, demand notice, meter charges, net metering processing charges, bi-directional CT meters complete in all respect. (total price must include all applicable fees mandatory for net metering)	306 kw	Complete Job	As Per NEPRA	2,142,000.00	2,142,000.00	True Solar	8 Per Watt	2,448,000.00	Local	1,000,000.00	1,000,000.00	N/A	4.89	1,500,000.00	Pakistan	1,489,698.00	1,489,698.00		
13	Online monitoring system provide web based visual access to solar system and system can be accessed from anywhere via internet. Monitoring system including : • LCD 55" for energy monitoring with complete system • Energy overview • Energy production (daily, monthly, yearly). • Performance ratio	306 KW	Complete Job	As Per Requirement	765,000.00	765,000.00	True Solar/ TCL	2 Per Watt	612,000.00	Local	1,500,000.00	1,500,000.00	Haier LCD	1.04	320,000.00	China	367,086.00	367,086.00		
14	PV Diesel Gen Set synchronization with solar system	500 KVA and 60 KVA Gen. set	2 Jobs.	Fusion Soler / Evv.	1,224,000.00	1,224,000.00	Elum / equivalent	9 Per watt	2,754,000.00	Local	750,000.00	1,500,000.00	Imported	2.77	850,000.00	Pakistan	734,169.00	734,169.00		
15	Transportation, installation testing and commissioning complete in all respect.	As per site requirement	Complete Job	Local	459,000.00	459,000.00	True Solar	5 Per Watt	1,530,000.00	Local	800,000.00	800,000.00	N/A	2.12	650,000.00	Pakistan	713,234.00	713,234.00		
Total						38,097,000.00			39,168,000.00			33,582,000.00		32,938,581.00			30,020,680.00			
Grand Total (Inclusive of all applicable taxes)						71,712,000.00			71,163,000.00			63,172,000.00		61,965,579.00			54,445,382.00			52,434,500.00

It is hereby confirmed that aforesaid items are in compliance with required specifications (rates are inclusive of all taxes)

FINANCIAL COMMITTEE:

The financial statement checked and verified by the end user. The Finance Committee met on 25.03.25 examined and evaluated the financial statement & found that the M/s Techno Time Pvt Ltd J.V Renewable Stars Pvt Ltd. quoted the lowest prices. The case may be forwarded to Competent Authority for approval.

End User
Co-Opted Member
Mr. Abi Fayaz Malik
Add. Registrar (ABC)

Ms. Shagufta Naseem
Member

Prof. Dr. Sidrah Saleem
Co-Convenor

Mr. Mujahid Iqbal
Convenor

Additional Registrar
Administration & Coordination
University of Health Sciences
Lahore