QUANGANHCONS

INDUSTRIAL SOLAR PRE-SURVEY ESTIMATE · 750 kWp

QAC-SOL-EST-20261109-14EF1751 | QAC Solar 8.21.0 | 09 Nov 2026

> PRELIMINARY - Indicative selling prices before site survey; not a firm EPC bid. Grid/PCC, roof condition and any new MV scope must be verified.

DESCRIPTION / SPECIFICATION	UNIT	QTY	UNIT PRICE (VND)	AMOUNT (VND)
I. PV modules and inverters				
1. PV modules640 Wp · 2382x1134x30mm	module	1172	3,707,666	4,345,384,552
2. Grid-connected string inverter125 kW AC · 400 V · 3 phase · 12 MPPT	set	6	193,446,820	1,160,680,920
3. Sungrow Logger1000A/B data logger — provisional selectionSungrow · Data acquisition and monitoring. Export control is subject to the confirmed system configuration.	set	1	21,680,947	21,680,947
4. RS485 shielded twisted-pair cable, 2 × 0.75 mm²	m	150	35,819	5,372,850
5. Communication patch cables	pc	2	95,241	190,482
139. Bidirectional power meter/transducer at PoCBidirectional power measurement for control at the connection point.	pc	1	7,170,898	7,170,898
140. PoC CT/VT metering scope — voltage and wiring pendingMetering scope; CT/VT configuration subject to the confirmed scheme.	lot	1	14,397,881	14,397,881
141. Export-control integration and response/fail-safe testingExport limitation integration and interlock testing under the confirmed design.	lot	1	5,853,778	5,853,778

QuangAnhcons

DESCRIPTION / SPECIFICATION	UNIT	QTY	UNIT PRICE (VND)	AMOUNT (VND)
142. Network, auxiliary supply and monitoring enclosure scopeAdditional monitoring infrastructure; configuration subject to site confirmation.	lot	1	4,774,368	4,774,368
II. Mounting and roof attachments				
6. Roof attachments / mounting feet	set	2476	30,343	75,129,268
7. Aluminium mounting railsChiko	bar	652	419,514	273,523,128
8. Rail joiner kits	set	520	23,888	12,421,760
9. Mid-clamp kitsChiko	set	2212	14,405	31,863,860
10. End-clamp kitsChiko	set	264	14,300	3,775,200
11. Module bonding clipsChiko	set	2212	14,405	31,863,860
12. Rail earthing terminalsChiko	set	132	29,793	3,932,676
14. DC cable clipsChiko	set	2344	2,982	6,989,808
III. DC electrical system				
17. Black DC PV cable 6 mm²Leader DC-6-BK · Single-core PV cable; 1,500 VDC; UV resistant.	m	5280	31,183	164,646,240
18. Red DC PV cable 6 mm²Leader DC-6-RD · Single-core PV cable; 1,500 VDC; UV resistant.	m	5280	31,183	164,646,240
19. Matched DC connector pairLeader · Same-manufacturer/series connectors compatible with the equipment.	pair	132	38,939	5,139,948
20. Outdoor DC cable conduitCVL	m	1056	13,380	14,129,280
21. DC conduit fittingsCVL	set	132	8,892	1,173,744
22. UV-resistant cable ties, 200 mmKST	bag	5	66,672	333,360

QuangAnhcons

DESCRIPTION / SPECIFICATION	UNIT	QTY	UNIT PRICE (VND)	AMOUNT (VND)
23. UV-resistant cable ties, 300 mmKST	bag	4	66,671	266,684
IV. AC switchboards and protection				
26. Solar switchboard enclosure — IP, Form and dimensions pendingEnclosure; circuit breakers and busbars are itemised separately.	pc	2	15,592,061	31,184,122
27. Fabricated copper busbar assembly with supports and N/PE accessoriesCopper busbars, fabrication, supports and N/PE accessories.	assembly	2	8,174,747	16,349,494
28. Phase indication protection set	set of 3	2	133,348	266,696
29. Phase indication lamps	pc	6	50,006	300,036
30. AC board multifunction meter including energy measurementSelec · Operational metering at the AC board; does not replace control metering at the connection point.	pc	2	3,901,137	7,802,274
32. Metering current transformersOmega CT-600/5A class 0.5S	pc	6	835,021	5,010,126
33. Auxiliary circuit protection — rating pendingOmega	pc	2	1,000,810	2,001,620
34. Switchboard temperature sensor	pc	2	555,805	1,111,610
35. Switchboard ventilation fans	pc	4	1,336,213	5,344,852
36. AC surge protection — coordination and ratings pendingHimel	set	2	3,901,137	7,802,274
37. Main AC circuit breakerLS ABS1203b · Icu/Ics ratings must suit the prospective fault current at the installation point.	pc	2	45,567,846	91,135,692

QuangAnhcons

DESCRIPTION / SPECIFICATION	UNIT	QTY	UNIT PRICE (VND)	AMOUNT (VND)
38. Individual inverter AC circuit breakerMitsubishi NF250-CV 3P 250A · Icu/Ics ratings must suit the prospective fault current at the installation point.	pc	6	4,196,376	25,178,256
V. AC cables and terminations				
39. Inverter AC phase cable 150 mm²CADIVI · Cu/XLPE/PVC · 0.6/1 kV	m	450	806,399	362,879,550
40. Main AC cable, parallel runs per design 240 mm²CADIVI · Cu/XLPE/PVC · 0.6/1 kV	m	560	1,443,851	808,556,560
41. Main protective conductor 120 mm²CADIVI · Cu/XLPE/PVC · 0.6/1 kV	m	140	630,927	88,329,780
43. Main cable copper lugs — hole size pendingCU-LUG-240	pc	32	133,511	4,272,352
44. Lug connection bolts — terminal size pendingCadivi	set	32	22,227	711,264
45. Inverter phase conductor lugsCU-LUG-150	pc	36	83,411	3,002,796
46. Inverter PE conductor lugsCU-LUG-95	pc	12	52,788	633,456
47. Main phase lug insulation, redCadivi BOOT-240	pc	8	13,334	106,672
48. Main phase lug insulation, blueCadivi BOOT-240	pc	8	13,334	106,672
49. Main phase lug insulation, yellowCadivi BOOT-240	pc	8	13,334	106,672
50. Main neutral lug insulationCadivi BOOT-240	pc	8	13,334	106,672
51. Inverter phase lug insulation, redCadivi BOOT-150	pc	12	8,334	100,008

QuangAnhcons

DESCRIPTION / SPECIFICATION	UNIT	QTY	UNIT PRICE (VND)	AMOUNT (VND)
52. Inverter phase lug insulation, blueCadivi BOOT-150	pc	12	8,334	100,008
53. Inverter phase lug insulation, yellowCadivi BOOT-150	pc	12	8,334	100,008
54. PE lug insulationCadivi BOOT-95	pc	12	6,668	80,016
55. Inverter protective conductor 95 mm²CADIVI · Cu/XLPE/PVC · 0.6/1 kV	m	150	483,160	72,474,000
56. AC cable conduit — diameter and fill pendingCVL	m	48	50,037	2,401,776
57. AC conduit fittings — diameter pendingCVL	set	12	20,001	240,012
60. String labels and DC/AC warning labels	pc	192	5,001	960,192
61. DC/AC cable glands	pc	70	50,055	3,503,850
63. Main PE lug and insulation kitMAIN-PE-LUG-BOOT-120	pc	8	73,347	586,776
133. Inverter neutral conductor 150 mm²CADIVI · Cu/XLPE/PVC · 0.6/1 kV	m	150	756,351	113,452,650
134. Inverter neutral conductor lugsCU-LUG-150	pc	12	83,359	1,000,308
135. Inverter neutral lug insulationBOOT-N-150	pc	12	8,334	100,008
VI. Cable trays and access				
64. DC cable tray, reference 100 × 50 mm	m	153	217,618	33,295,554
65. DC cable tray, reference 200 × 75 mm	m	63.75	434,124	27,675,405
66. DC cable tray, reference 400 × 75 mm	m	38.25	784,671	30,013,666
67. AC cable containment — dimensions pending cable layout	m	220	836,283	183,982,260

QuangAnhcons

DESCRIPTION / SPECIFICATION	UNIT	QTY	UNIT PRICE (VND)	AMOUNT (VND)
78. Self-drilling screws and fasteners for trays and walkways	pc	1080	1,787	1,929,960
79. Access walkway	m	180	560,213	100,838,340
81. Cable tray supports, threaded rods and purlin clamps	set	244	145,219	35,433,436
84. Walkway supports	set	121	101,778	12,315,138
85. Walkway splice connectors and joining accessories	set	74	77,591	5,741,734
144. Outstanding cable tray fitting scheduleAccessories for actual routes; detailed schedule to be confirmed.	lot	1	29,411,153	29,411,153
VII. Earthing and bonding				
143. Outstanding earthing and bonding scopeProvisional scope; earthing quantities and design require site verification.	lot	1	9,700,804	9,700,804
X. Construction and site management				
111. Mechanical installation labor	person-hour	1899	115,841	219,982,059
112. Electrical installation labor	person-hour	590	122,472	72,258,480
113. Lifting equipment allowance — lift plan pending	shift	6	7,650,994	45,905,964
114. Transport allowance — payload and access pending	trip	2	6,284,952	12,569,904
136. Site technical supervisionQuangAnhcons	engineer-day	58	1,558,384	90,386,272
137. Work-at-height safety supervisionQuangAnhcons	person-day	58	1,091,793	63,323,994
138. Mobilization, site facilities and demobilizationQuangAnhcons	lot	1	13,455,035	13,455,035

QuangAnhcons

TOTAL BEFORE VAT	9,000,960,000
VAT assumption 10%	900,096,000
TOTAL WITH VAT	**9,901,056,000 VND**

Totals sum the displayed source line amounts. Unit prices may be rounded for display. No cost, discount or margin data. This document is not an approved vendor quotation or statutory VAT determination.

QuangAnhcons · sales@quanganhcgte.com · https://quanganhcgte.com

QuangAnhcons