



ESTIMATED DEVELOPMENT COST REPORT

QUIRINDI 1B SOLAR FARM + BESS

Report Date:	30/04/2024
Prepared By:	Albert Ngo – Construction Manager / Estimator
Project Name:	Quirindi 1B (QDI1B)
Site Address:	Borah Creek Road, Quirindi NSW 2343 (Lot 130 & 134 / DP751009)
Development Type:	5MW Solar Farm + BESS Development
AC Capacity (WAC)	5,000,000

This Estimated Development Cost report summarises the value of works of the proposed development. The report has been prepared to assist in fee calculations and in determining development application fees payable for the project, and not in any other capacity.

Development Summary

The proposed development consists of the construction of a 5MW solar farm comprising of approximately 10,750 single-tracking PV modules, inverters, transformers, a Battery Energy Storage System (BESS) and related components and infrastructure; as well as a chain-link security fence surrounding the solar farm site, and general engineering and construction costs.

The construction stage is anticipated to take approximately 3 months.

A development site plan has been submitted along with the development application.

Estimated Development Cost


The table below provides the estimated development costs of the proposed project, including costs for the design and erection of the development; and excluding costs such as land costs or ongoing maintenance costs.

NO	ITEM	SUPPLIER	COST (AUD)	AUD/WDC	% OF VALUE	NOTES
1	Engineering costs	Longi	\$ 127,670.00	\$ 0.0199	-	
2	Construction costs & BOS	Longi	\$ 2,380,618.93	\$ 0.3720	-	
3	Inverters	SMA	\$ 562,218.80	\$ 0.0878	-	
4	Transformers	SMA	\$ -	\$ -	-	Included in '3 Inverters'
5	Inverter Spare Parts	SMA	\$ 28,750.00	\$ 0.0045	-	
6	Mounting/Tracking System	Soltec	\$ 864,791.77	\$ 0.1351	-	
7	PV Modules	Longi	\$ 1,914,425.50	\$ 0.2991	-	
8	Spare PV Modules	Longi	\$ 4,979.00	\$ 0.0008	0.2%	% of '7 PV Modules'
9	Fencing	Pending	\$ 127,196.50	\$ 0.0199	-	
10	Combiner boxes	Pending	\$ 84,228.00	\$ 0.0132	-	
11	Scada/DAS	Pending	\$ 63,277.60	\$ 0.0099	-	
12	Security monitoring	Pending	\$ 62,957.50	\$ 0.0098	-	
13	Connection Works + MV Works	Pending	\$ 152,370.00	\$ 0.0238	-	
14	Contingency	Pending	\$ 237,255.87	\$ 0.0371	3.0%	% of lines 1 through 13
15	Battery Energy Storage System	Pending	\$ 2,071,778.25	\$ 0.3237	-	
Total CapEx (Excludes GST)			\$ 8,682,517.72	\$ 1.3566		

* Costs are exclusive of GST

Please do not hesitate to contact our office should you have any questions.

Yours sincerely,



Albert Ngo

Solar Farm Construction Manager / Estimator
 ITP Development Pty Ltd