

BILL OF QUANTITIES

Design, Supply, installation and commissioning of the Optical Fibre Ground Wire (OPGW) Project

SOLOMON POWER

Mar-22

Design, Supply	SOLOMON POWER Design, Supply, installation and commissioning of the Optical Fibre Ground Wire (OPGW) Project Bill of Quantities: Summery - OPGW PROJECT					
Item	Description	Amount				
1.0	Preliminary and General	0				
2.0	Materials	0				
3.0	Works	0				
	Total Cost for 1.0 Preliminary & General	\$0.00				

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1.5.5	Records				
a)	Monthly Progress Reports	Months			
b)	As-built Dwgs	LS	1		
	Total Cost for 1.0 Preliminary & General				\$0.00

SOLOMON POWER

Design, Supply, installation and commissioning of the Optical Fibre Ground Wire (OPGW) Project

ltem	Material Description	Unit	Quantity	Rate	Import Taxes and Duties	Amoun
2.0	New Materials				_I	
2.1.1	OPGW, 24F, supply to Honiara depot	km	10.1			
2.1.2	OPGW Suspension Assembly	Assembly	19			
2.1.3	OPGW Strain Assembly	Assembly	60			
2.1.4	OPGW Insulated Strain Assembly	Assembly	5			
2.1.5	Triangular yoke plate, 70mm spacing, 70kN, 16mm	Each	3			
2.1.6	OPGW Joint box, coiling bracket & support cleats	Set	6			
2.1.7	Vibration Dampers	Each	264			
2.1.8	O&M spares - OPGW (3.5km) and fittings (10%)	Set	1			
2.1.9	OPGW Earth Peak - Suspension	Assembly	17			
			tal Cost for 2.			\$0.00

Bill of Quantities: Materials - OPGW PROJECT

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	1	Bill of Quantities: Materials - OP	GW PROJEC				
Item	Type of Works	Description	Unit	Quantity	Rate	Import Taxes and Duties	Amount
3.1	Acess						
3.1.1	Tower Access Road	Tower sites access & clearing)	Each	45			
3.2	Decomissioning Works						
3.2.1	Decomissioning	Removal of existing OHEW including fittings	km	9.5			
3.3	Installation Works						
3.3.1	Stringing	Stringing of OPGW as per Stringing Schedule	Spans	26			
3.3.2	Installation	OPGW Suspension Assembly	Assembly	19			
3.3.3	Installation	OPGW Strain Assembly	Assembly	60			
3.3.4	Installation	OPGW Insulated Strain Assembly	Assembly	5			
3.3.5	Installation	Triangular yoke plate, 70mm spacing, 70kN, 16mm	Each	3			
3.3.6	Installation	OPGW Joint box, coiling bracket & support cleats	Set	6			
3.3.7	Installation	Vibration Dampers	Each	264			
3.3.8	Installation	O&M spares - OPGW (3.5km) and fittings (10%)	Set	1			
3.3.9	Installation	OPGW Earth Peak - Suspension + Design	Assembly	17			
3.3.10	Site Clearing	Temporary Road Access to each tower where necessary	Each	43			
3.4	commissioning Works						
3.4.1	commissioning	Testing and commissioning	Each	1			