

Electrical Installation				
Quantity	Units	Description	Price	Total
378,0	m	Unipolar copper cable 1.5mm <sup>2</sup> of section, XLPE insulation 450/750 V fully installed		0,00
189,0	m	TT Unipolar copper cable 1.5mm <sup>2</sup> of section, XLPE insulation 450/750 V fully installed		0,00
345,6	m	Unipolar copper cable 2.5mm <sup>2</sup> of section, XLPE insulation 450/750 Vfully installed		0,00
171,0	m	TT Unipolar copper cable 2.5mm <sup>2</sup> of section, XLPE insulation 450/750 V fully installed		0,00
31,0	m	Unipolar copper cable 4mm <sup>2</sup> of section, XLPE insulation 450/750 V fully installed		0,00
15,5	m	TT Unipolar copper cable 4mm <sup>2</sup> of section, XLPE insulation 450/750 V fully installed		0,00
23,2	m	Unipolar copper cable 6mm <sup>2</sup> of section, XLPE insulation 450/750 V fully installed		0,00
11,0	m	TT Unipolar copper cable 6mm <sup>2</sup> of section, XLPE insulation 450/750 V fully installed		0,00
80,0	m	Unipolar copper cable 10mm <sup>2</sup> of section, RZ1-K(AS) insulation fully installed		0,00
20,0	m	TT Unipolar copper cable 10mm <sup>2</sup> of section, RZ1-K(AS) insulation fully installed		0,00
20,0	m	Unipolar Al cable 16mm <sup>2</sup> of section, XLPE insulation 0,6/1 kV fully installed		0,00
Quantity	Units	Description	Price	Total
189,0	m	PVC tube, diameter 16 mm fully installed		0,00
186,5	m	PVC tube, diameter 20 mm fully installed		0,00
11,0	m	PVC tube, diameter 25 mm fully installed		0,00
20,0	m	PVC tube, diameter 63 mm fully installed		0,00
5,0	m	PVC tube, diameter 75 mm fully installed		0,00
Quantity	Units	Description	Price	Total
5,0	u	Bipolar magnetothermal switch 10A and 4.5 kA breaking capacity fully installed		0,00
7,0	u	Bipolar magnetothermal switch 16A and 4.5 kA breaking capacity fully installed		0,00
3,0	u	Tetrapolar magnetothermal switch 16A and 4.5 kA breaking capacity fully installed		0,00
2,0	u	Bipolar magnetothermal switch 20A and 4.5 kA breaking capacity fully installed		0,00
1,0	u	Bipolar magnetothermal switch 25A and 4.5 kA breaking capacity fully installed		0,00
1,0	u	Tetrapolar magnetothermal switch 32A and 4.5 kA breaking capacity fully installed		0,00

Quantity	Units	Description	Price	Total
3,0	u	Tetrapolar differential automatic switch 25A, and 30 mA sensitivity fully installed		0,00
1,0	u	Tetrapolar differential automatic switch 40A, and 30 mA sensitivity fully installed		0,00
Quantity	Units	Description	Price	Total
3,0	u	Circuit Breaker fuse of 63 A fully installed		0,00
Quantity	Units	Description	Price	Total
	u	Labor (10%)		0,00
	u	Derivation Boxes		0,00
	Total Material Cost			0,00
	General Costs (13%)			0,00
	Industrial Profit (6%)			0,00
				0,00
	Value added tax (21%)			0,00
	Total Installation			0,00
Photovoltaic Installation				
Quantity	Units	Description	Price	Total
18,0	u	CONERGY 175M photovoltaic module, Standard conditions (radiation 1000 W/m <sup>2</sup> , AM 1.5, and temperature Cell 25 ° C), with rated output power of 175 Wp, typical voltage of 24 V. fully installed		0,00
1,0	u	Maximizer 60 Amp Regulator. MPPT fully installed		0,00
9,0	u	Acid batterie 20 OPzS 2500 fully installed		0,00
1,0	u	SUNWAYS NT 3000 Inverter fully installed		0,00
18,0	u	Structure for PV modules, with anchor on deck fully installed		0,00
1,0	m	Wiring for AC Power and DC Power, with protections fully installed		0,00
Quantity	Units	Description	Price	Total
	u	Labor (10%)		0,00
1,0	u	Connection to existing electrical network installation		0,00

	Total Material Cost		0,00
	General Costs (13%)		0,00
	Industrial Profit (6%)		0,00
			0,00
	Value added tax (21%)		0,00
	Total Installation		0,00
<b>Geothermal Installation</b>			
Quantity	Units	Description	Price
1,0	u	Geothermal heat pump TERRA 12 S/W-HGL-P (Single-phase); 13.4 kW Heat power and 2.8 kw Electrical power, COP 4.79; fully installed	0,00
Quantity	Units	Description	Price
130,0	m2	Installation underfloor duoflex PEX tube of 16 mm; fully installed	0,00
130,0	m2	The smooth panels with gridded sheet, Vari-takk model; full installed	0,00
4,0	u	Accessories for control and regulation; fully installed	0,00
1,0	u	Tube connections; full installed	0,00
Quantity	Units	Description	Price
150,0	m	Ground drilling with drilling machine	0,00
150,0	m	Probe B5W35 double U-tube to exchange with the ground, model VWS81 / 2; fully installed	0,00
2,0	u	Cutoff valve; fully installed	0,00
2,0	u	Temperature and Pressure Indicator; fully installed	0,00
			0,00
Quantity	Units	Description	Price
			0,00
			0,00
			0,00
			0,00
Quantity	Units	Description	Price
	u	Labor (10%)	0,00
<b>Total Material Cost</b>			
General Costs (13%)			
Industrial Profit (6%)			

		Value added tax (21%)		0,00
		Total Installation		0,00
<b>Solar Heat Installation</b>				
Quantity	Units	Description	Price	Total
1,0	u	Solar Collector TERMOCAN 2.6A model; fully installed		0,00
1,0	u	Structure for solar collector, with anchor on deck; fully installed		0,00
<b> </b>				
Quantity	Units	Description	Price	Total
1,0	u	Heat Water Accumulator AGRIDOVERT ERM160 model; fully installed		0,00
1,0	u	Alternate Daikin exchanger, model EKSOLHWAV1; fully installed		0,00
	l	Antifreeze fluid (15% propyleneglycol)		0,00
<b> </b>				
Quantity	Units	Description	Price	Total
				0,00
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				0,00
<b> </b>				
Quantity	Units	Description	Price	Total
				0,00
		Regulation System SISMENS brand		0,00
		Energy dissipator		0,00
Quantity	Units	Description	Price	Total
	u	Labor (10%)		0,00
<b> </b>				
		Total Material Cost		0,00
		General Costs (13%)		0,00
		Industrial Profit (6%)		0,00
				0,00
		Value added tax (21%)		0,00
		Total Installation		0,00