

Vendor's Notes 11 Durham Crescent

Clean air system:

The house has a clean-air system installed. This is run through ducting in the ceiling space. Fresh clean air is drawn in from outside the house (at the western end), goes through an EU4 (highest spec available) filter, then through a heat exchanger to get warmed by exhaust air from the house, before being ducted to all rooms. Old air is sucked out of the kitchen and bathroom goes through the heat exchanger to take the heat out of it and is then expelled to the outside. The advantage of this system over those that draw the air from the ceiling space is that outside air has much less moisture and thus the humidity level of the house is greatly reduced. Our humidity levels are usually below 40-50%. Dust mites need more than this to breed - thus it has greatly reduced allergens, and because of the low humidity the house is much cheaper and easier to heat, and feels drier and warmer.

cleanaire.co.nz

Solar

This was installed in October 2021. It produces up to 9kw on a sunny day from 24 panels. Details are in the spec attached. If you are on the Contact Goodnight plan, which provides free power after 9pm, you can effectively be self-sufficient. Solar provides free power during the day, then during the peak use time of 5-9pm you use the battery, then recharge that for free after 9pm. During summer we were generating all our own power (which included charging our electric car every day) plus exporting about \$90/month of power back to the grid. Thus a net gain of \$90/ month. During winter we planned to use our house as a battery, by running electric heaters during the day to warm the house, turning them down 5pm-9pm, then back on after 9pm

harrisonssolar.co.nz



TAX INVOICE

Customer James Hollings	Invoice Date 02 Sep 2021	Harrisons Owner/Operator Daryl Zuppich
11 Durham Crescent Aro Valley Wellington 6021 Phone nolandline Mobile 021526377 Email jameshollings52@gmail.com	Job Number EDZ106505 GST Number 120 731 530	Total Energy Solutions Limited PO Box 58179, Whitby Porirua 5024 Phone Mobile 027 444 1896 Email daryl.zuppich@hah.co.nz

SOLAR **JA Solar M60S20 390W x 24 = 9.36kw**

Latest technology, high output 390W Tier One Panel. Manufactured with multi-busbar PERC cells, 25 year output warranty and extended 15 year product warranty. JA Solar have been a premium panel manufacturer since 2005.

SOLAR **Fronius Primo 8.2Kw Inverter x 01**

The inverter is the "brains" of the system so for the ultimate in long term reliability and performance, invest in quality European componentry. Fronius is the industry's preferred premium inverter, manufactured in Austria since 1946 with a history of excellence and innovation. NZ backed 10 year service and product warranty, state of the art monitoring. Integrates seamlessly with TESLA Powerwall Battery.

SOLAR **Tigo TS4-A-O Retrofit Optimiser x 14**

Latest generation, smarter new selective rather than generic per panel optimisation - for superior power output. The pioneers of optimisation. 25 year warranty with a proven global reliability record, trusted by world's largest PV installers and distributors.

SOLAR **Installation of Tesla Powerwall and Gateway**

Installation of Tesla Powerwall and Gateway.

SOLAR **Label Kit Tesla**

Label Kit Tesla

SOLAR **Tesla Powerwall 13.5kWh and Gateway**

TESLA Powerwall + Gateway: Industry leading battery solution, cutting-edge technology with extra- large 13.5kWh usable capacity, best suited for 5kW + solar systems. Scalable and with smart battery back-up functionality in case of power outage. Completely automated and seamless monitoring and management via the TESLA App.

No maintenance and comes with a Comprehensive warranty with 70% battery capacity after 10 years with unlimited cycles. Tesla testing showing 70% is conservative, expect 80 to 85%.

The Install price is for a standard battery install excludes any upgrade work to switchboard if required for backup supply.

Installation

Sarking fitting install per panel, Select Series Rail(s) 4400mm Silver, Hopergy Tin Kit(s) 30-40mm Silver (4-



Panel with FEC), Freight, Solar Label Kit - String Inverter, MC4 Male/Female Pair(s), Split Array, Electrical Balancing, Out of Zone Travel, Solar Installation and Materials 24 Panels, S-5! CorruBracket 500T, S-5! M8x10mm S/S Hex Flange Bolt for S-5! Brackets

Other included items

Fronius Consumption Meter 63A-1 (Product and Install), Mobile Scaffolding, Electrical Inspectors Certificate (ROI), Electrical Certificate of Compliance (COC), Wellington Electricity Lines Approval

Install Notes

PLEASE READ CAREFULLY- Special advertised pricing of \$9390 for a 12 panel system has been used as a base price plus the excluded items as per the T&C's on our Website. A strong WIFI connection or LAN cable is required by the inverter for monitoring/updates, extra cost is incurred if a WIFI booster or similar is required. Basic Fronius solar monitoring is free of charge, additional costs apply for Premium options. Our Best Price Guarantee also applies to a selection of cheaper Chinese Inverters and panel options by other suppliers. Clear access is required to ceiling cavity. Cash sale, no finance required. Wellington Electricity will limit exported power to 5kw. Tesla Powerwall 2 will supply one phase only on a 3 phase supply. Harrisons will arrange the Import Export meter swap with your Power Retailer on your behalf, meter install timing is beyond our control. Shading is evident on the roof so Tigo Optimisers have been allowed for to minimise that effect on the entire system. Wellington Electricity Lines Applications will be submitted by Harrisons on your behalf. Solar systems without a battery will not operate during a power outage. Installation dates may change depending on delays with international freight that are beyond our control. Subject to final electrical scope if required. External 25mm white conduit could be visible if an internal cable run is not possible. Wellington Electricity Lines Approval and Power Company Import Export Meter Swaps can take up to 6 weeks from proposal acceptance. Independent Electrical Inspections (ROI) can take approx 2 weeks from your install date. Final payment is due on the supply of the Certificate of Compliance COC, not the Electrical Inspectors Certificate ROI or Meter Swap. Meter swap fees charged by Electricity Companies are excluded. Measurements for panels are estimated and will be confirmed or adjusted by the installer on the installation day. Panels installed 'Portrait'. Exclusive Solar buy back with Trustpower of 16c + GST offer available with this deal *conditions apply. Extra unspecified work on, or inspections of, the existing electrical system are excluded from the price. Q Cell 390w panels will be replacing the LG370w Mono Panels as stock runs out. Sarked roof confirmed by photo.

FlyBuys Points 774

Full Price	\$44,162.49
Discounts Applied	\$5,462.49
Discounted Price	<u>\$38,700.00</u>
Includes GST of	\$5,047.83

FlyBuys Reference

Payment Details	Price	\$38,700.00
	Deposit	\$19,350.00
	Balance due upon Installation	\$19,350.00

Customer _____
 I/We agree to pay the outstanding balance on the day of the installation by one of the Harrisons accepted methods of payment.

Deposit Amount:
 \$ 19,350.00 - Internet Banking

Harrisons _____

Please Note:

Exclusions

If you have purchased a Solar System your final payment is due to Harrisons upon completion of the installation of your framing, panels and inverter and C.O.C. Note that the timing of your electricity meter being installed does not alter this timing as this is outside Harrisons' control. This may also exclude wifi connectivity or monitoring. The client must provide adequate network coverage wifi or LAN to the inverter point.

Conditions

Please read the terms and conditions printed on the back of this form or provided to you separately

Payment

Minimum deposit 50%, balance payable upon installation.

Direct Payment Details: Account **12 3497 0004181 00**. Please reference your Surname and Job Number EDZ106505

TERMS AND CONDITIONS

HARRISONS TERMS AND CONDITIONS FOR RETAIL SUPPLY OF PRODUCTS AND SERVICES.

THESE TERMS AND CONDITIONS APPLY TO ALL GOODS OR SERVICES AGREED TO BE SUPPLIED AS FROM 1 SEPTEMBER 2019 ("APPLICATION DATE").

BACKGROUND:

- **Harrisons have agreed to supply You with Products and/or Services.**
- **Supply of Products or Services by Harrisons is subject to the terms and conditions appearing below.**
- **Additionally You will be provided with product warranty and care documents.**
- **All documents will be read together however if there is any inconsistency between them this document will prevail.**
- **To make it easier to understand the meaning of certain words or expressions used in this document they are defined below. Defined terms are identified by their first letter being in upper case (eg "Harrisons").**

DEFINITIONS:

1. "GST" means Goods and Services Tax, at the rate payable in New Zealand for any supply.
2. "Invoice" means a document that sets out the agreed price for Products and/or Services to be supplied.
3. "Harrisons" means the company or partnership as stated on the front of this proposal (quote) or invoice who are offering to supply the Products and/or Services.
4. "Liability" means any actions, awards, costs, claims, damages, losses (including without limitation any direct or indirect consequential losses), demands, expenses, loss of profits, loss of reputation, judgments, penalties and proceedings and any other losses and/or liabilities;
5. "Products" means goods supplied by or through Harrisons to You.
6. "Property" means the property to which the Products or Services are being supplied by Harrisons.
7. "Proposal" means a document which records an offer by Harrisons to supply Products and/or Services to You.
8. "Services" refers to any supply by Harrisons to You which is not a supply of Products.
9. "You" and "Your" refer to any customer of Harrisons who or which buys goods or services from Harrisons.

APPLICATION OF THESE TERMS AND CONDITIONS:

10. These Terms and Conditions apply to any Products or Services supplied to You from the date of the Invoice or Proposal.
11. You warrant that you have full power and authority to accept these Terms and Conditions as owner (or on behalf of the owner) of the Property and that these Terms and Conditions create valid and binding obligations on You (and, as the case may be, the owner of the Property).

PROPOSALS AND PRICES:

12. Unless otherwise agreed a Proposal must be accepted before the end of the month in which it is provided to You. Following acceptance an Invoice will usually be created to record the contract for supply of Products or Services.
13. Prices agreed to for the supply of Products or Services are as outlined on the front of this Proposal or Invoice. Subject to You complying with Your obligations under these Terms and Conditions and clause 33 of these Terms and Conditions, Harrisons will honour the agreed quote that they have scoped for. If there are potentially additional charges, for example extra roof preparation due to unknown damage from an earthquake, this will be noted on the Proposal or Invoice. Without limiting the other rights of Harrisons under these Terms and Conditions, in the event that You change the scope of the job, for example where You do not carry out any agreed preparation work (or do not carry out Your responsibilities under these Terms and Conditions) which the installers then need to do, or fail to disclose something that has not been recorded as part of the scope of the job, Harrisons may charge for extra Product or Services required so as to reimburse them for any extra costs arising as a consequence. If this should occur Harrisons will update the Proposal and costs will be agreed.
14. Harrisons may agree to cancel an order; however, this may not be possible if Products have already been cut to measure. That is because once Products are cut to meet your requirements they may not be used elsewhere.

INVOICES:

15. When the requirements of the job are agreed an Invoice will record the contract. When an Invoice is signed by You or agreement to the Invoice is sent via email by You these Terms and Conditions will be binding on You. However the contract may also be binding in other ways such as when You have confirmed an order or paid any part of the agreed price.

COMPLETION AND DELIVERY:

16. Harrisons is reliant on other companies for supply of Product and Services therefore any time or date given for delivery or installation of Products or Services will be Harrisons' best estimate of the time or date within which it can do so. You are asked to plan for the possibility of delays as Harrisons cannot guarantee delivery or installation times or dates and so will not accept Liability as a consequence of any failure to deliver or install on time. In this respect, You agree to provide reasonable access to the Property to enable the Services and/or Products to be provided.
17. If You are not ready for the install and have not advised Harrisons within a reasonable timeframe (at least 48 hours' notice), or wish to change the completion or delivery date or time Harrisons will do their best to accommodate that change but cannot guarantee to meet your revised requirements due to such things as installer availability. In addition, any timing change may increase costs, which may include arranging replacement subcontractors and storing products.
18. The time of delivery of Products will be calculated from when they are delivered to You at the address provided for delivery, or if You have contracted a carrier then from when they are delivered to the carrier.
19. If You have raised a dispute Harrisons will then investigate the claim and if it then accepts that a Product or Service is faulty or defective Harrisons will comply with its obligations under the Consumer Guarantees Act. In considering whether to take any action in this respect Harrisons are entitled to take into account any actions You have taken (or failed to take) that may influence these things. If You are in any way in default of your obligations that may be taken into account also.

PAYMENTS:

20. Payment for Products and Services will be made by You at the time/s and manner agreed with Harrisons. If no specific arrangements are made then payment will be required to be made in 2 instalments: 50% of the price plus GST as a deposit on signing of an Invoice or acceptance of a Proposal (whichever is earlier) and 50% of the price plus GST plus any other amounts due (such as for instance extra costs you have been notified of) on the day when delivery or installation is completed.
21. Payments to Harrisons must be made in full. This means that You cannot set-off or deduct any amount You say is owing by Harrisons to You. If You have such a claim You may pursue that separately.

22. You will also reimburse Harrisons for any costs in obtaining any money due, this includes debt collection or repossession.
23. Any monies received by Harrisons from You, or through exercise of its rights under these Terms and Conditions will be applied firstly in re-imbusement of any costs or agreement to indemnify Harrisons, secondly in payment of Invoices in order of age (the oldest first).

RISK AND OWNERSHIP:

24. Risk in Products supplied to You passes to you when delivery is completed in accordance with clause 18. From the point and time of such delivery it will be your sole responsibility to insure them. If Harrisons have a security interest (in accordance with clause 26) that insurance must note Harrisons interest as security holder and Harrisons can require proof of cover. If under these circumstances Harrisons are not satisfied with that cover they may insure the Products themselves and You will reimburse them for the cost of doing so.
25. Ownership in Products will not pass to You until they have been paid for in full and all other monies due to Harrisons by You have also been paid. Until that time You hold them only as bailee (custodian) from Harrisons. Until ownership in Products pass to You Harrisons are authorised to enter any premises where they have cause to believe the Products may be held, to inspect and/or repossess them.
26. These rights in respect of Products create a security interest in them in accordance with the Personal Property Securities Act 1999 ("PPSA"). If the Products are attached, fixed or incorporated into any Property or any third person, title to the Products shall remain with Harrisons until payment has been made in full, and where those Products are mixed with other property so as to be part of or constituent of any new products, title to those new products shall be deemed to be assigned by You to Harrisons as security for the full satisfaction by You of all amounts owed by You to Harrisons. You will do all things, sign all documents and pay upon demand all costs of Harrisons required to enforce this security interest. For these purposes You will supply all information required by Harrisons and will advise Harrisons of any change of name, or any change of your address, and/or of the address where Products are stored for You (if different). Unless otherwise agreed to in writing by Harrisons, You waive Your rights to receive verification statements and financing change statements under the PPSA.

YOUR RESPONSIBILITIES

27. Prior to Harrisons performing the Services and/or supplying the Products You must:
 - a. Ensure that there are no restrictions in relation to Your Property that may affect the Services and/or Products being provided; and
 - b. Provide any information about the Property that is relevant to the Services and/or Products being provided.

WARRANTIES AND LIABILITY:

28. Harrisons warrant that any Products sold or Services provided will meet their agreed specifications or brief, however the supply of Products and Services are subject to usual trade tolerances (over or under in respect of weight, dimensions, colour or other measures of quality or performance).
29. You warrant that all information You supply to Harrisons in connection with any order of Product or brief for the supply of Services is up to date and accurate and recognise that the ability of Harrisons to meet its obligations is dependent on that. If You do not supply important information and as a result Harrisons suffer any loss You will reimburse them for the loss.
30. Harrisons will have no Liability to You for any consequential losses, loss of profits and/or damage to goodwill, economic and/or other similar losses and/or special damages and/or indirect losses.
31. You acknowledge and agree that Harrisons will have no Liability whatsoever for:
 - a. any damage to the Property, or for any delays, caused by any extra works that You have arranged yourself in relation to the Property;
 - b. Any defects in the Products or Services caused or contributed to by You to the extent so caused and/or contributed to by You.
32. If You are purchasing the Products and/or Services for the purposes of a trade or business, You acknowledge that the provisions of the Consumer Guarantees Act 1993 do not apply to the supply of Products by Harrisons to You.

CANCELLATION AND CORRECTIONS

33. Harrisons may cancel an order (which includes a Proposal) by writing to You at any time where:
 - a. You fail to do any of the things you need to do pursuant to these Terms and Conditions which prevents Harrisons from carrying out the Services or supplying the Products, or makes doing so more difficult to carry out; or
 - b. Harrisons discovers anything while carrying out the Services or supplying the Products that prevents Harrisons from carrying out the Services or supplying the Products.
34. Harrisons may correct any typographical error or omission in any documentation it supplies You including a Proposal and any Invoice without any Liability on Harrisons part, provided that, if the correction has a material impact on the Services and/or Products to be provided or the price You are required to pay, then Harrisons will inform You as soon as possible and, subject to any right Harrisons has to charge you for Products that have been cut to measure, offer You the option to cancel the relevant order.

GENERAL PROVISIONS:

35. Harrisons will not be liable to You if it is unable to meet any agreed obligation due to any "force majeure" event or "act of God" or any similar event such as War, strike, lockout, manufacturing delay, natural disaster, or other event beyond Harrisons control.
36. No variation to any order or agreement to supply is binding on Harrisons unless it is in writing and signed by an authorised officer of Harrisons.
37. If for any reason any terms or conditions of supply are considered at law to be unlawful or unenforceable a Court may disregard or vary the offending terms or conditions so that these terms and conditions are otherwise enforceable as they are written.
38. If any court or competent authority decides that any of the provisions of these Terms and Conditions are invalid, unlawful or unenforceable to any extent, the term will, to that extent only, be severed from the remaining terms, which will continue to be valid to the fullest extent permitted by law.
39. If Harrisons do not act on any right it has or delays any action, doing so does not affect its ability at any other time to act on that right, nor its ability to act on any other right.
40. In terms of the Privacy Act 1993 You authorise Harrisons to collect Your personal information from You direct. If You do not provide this information that may affect Your ability to purchase Products or Services on credit terms.
41. Harrisons are the owners of all intellectual property rights in respect of Products and Services. This includes designs, copyright, patents, "know-how" and confidential information about them. You will do all things reasonably required to assist Harrisons to protect or enforce these rights and You will not do anything that compromises or risks these rights. You will immediately advise Harrisons if You become aware of any person doing anything that may detrimentally affect Harrisons' intellectual property rights in Products.
42. Special conditions may be agreed for the supply of certain Products or Services. Such special conditions will prevail if there is any inconsistency with these terms and conditions.