



Unit 1/50 French Street
Eagle Farm QLD 4009
ABN 36 629 818 775

Wednesday, 5 June 2019

Client: Braxvale Constructions

Address: 72-74 Harlen Road, Salisbury QLD 4151

Email: gregory@braxvale.com.au

Mobile: 0412 745 854

Reference: Salisbury Town Houses 72-74 Harlen
Drawings: E01-B, E02-B, E201-A, E201B

Scope of Works: Electrical, Communication

Addendums: Nil.

INGROUND
+ PWR IN BLDGS.

Dear Greg,

We thank you for the opportunity to provide you with our quotation.

These works will be based on our 'Standard Installation Practices' and 'Standard Terms and Conditions'.

Should you require additional information or clarification of any of the points contained within the attached Scope of Works, please do not hesitate to contact: Scott Healy on 0422 182 975 or email scott@energia.com.au

This quotation remains valid for 30 days at which time Energia Electrical Pty Ltd reserves the right to review prices. Payment terms are 30 days from date of invoice.

Yours faithfully
Energia Electrical & Air Pty Ltd

Scott Healy
Manager

Inclusions

**Units 1 to 16 Electrical and NBN Reticulation Conduits, Main Switchboard (MSB)
Power Point to NTD's, Incoming Mains & Submains – Works, Escalvation; Sand & Fill
Consisting of:**

- 4 x 70mm xlpe cables - Consumers to MSB
- 2 x 16mm xlpe, 1 x 6mm earth cables – MSB to Distribution Boards
- 2 x 25mm xlpe, 1 x 6mm earth cables – MSB to Distribution Boards
- 1 x 200amp Metered Main Switchboard
-
- 23mm NBN Conduit from Data Pit 5; then to NTD beside Electrical Distribution Boards.
- 50mm HD Elect Conduit from to Electrical Distribution Boards
- 1 x double GPO for NTD
-
- 8 x 750/500mm type electrical Pits
- 32mm HD Conduit from EP to wall lights
- 100mm HD Elect Conduits / 50mm Elect Conduits between EP
-
- 22 x 4ft bollards around perimeter
- 2 x wall lights (Unit 1, Units 15/16)
- 1 x 4m Galvanises Pole and 1 x Flood Light for BBQ.
- 1 x 32amp single phase outlet for BBQ.
- 1 x weatherproof DGPO for irrigation
- Allowance made for NBN drawing upgrades
- Allowance made for all draw wire for all NBN conduits
- Allowance made to haul xlpe cables through placed conduits.

Total

= \$70,980.00

Seventy thousand and nine hundred and eighty dollars exc.GST

Tender Breakdown Schedule

Estimate Code:

0054(2)

05/06/19 11:40

Estimate Name:

Electrical Reticulation for Salisbury Townhouses

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Sections	Price
1. Reticulation Works	\$0.00
Reticulation 50mm & 100mm Conduits / Pits	\$12,511.99
Apartment Internals - 23mm & 32mm Conduits (128m)	\$3,432.64
Externals - 23mm NBN Conduit (224m)	\$3,710.63
32amp for BBQ	\$886.98
Reticulation Un/G Cables	\$0.00
Units 9,10,11, 2 (35mm & 6mm xlpe)	\$5,829.75
Units 1 2,3,4,5 6,7,8,13,14,15,16 (25mm & 6mm xlpe)	\$8,523.90
In-Coming Mains	\$1,872.58
Trenching	\$0.00
Main Switchboard & Labour	\$18,578.82
Communal Lighting	\$0.00
22 x Bollards & 2 x Wall Lights Install / Concrete Footings	\$11,472.18
1 x 4mtre Flood Light & Footings / Concrete Footings	\$3,113.59
Sundries items, glues, bolts, tape, etc	\$1,046.91
	\$70,980.00

Estimate Total:

\$70,980.27

n Schedule

4.2

4.2.1

Estimate

Unit 1 / 2 / 3 Mains Consisting of:

- 1 x temporary power in a permanent position
- 1 x single-phase temporary meter box
- 10 metres single-phase underground mains
- 1 x supply and install communications conduit from property boundary to external wall
- Testing of board.

\$1,080.00

One thousand and eighty dollars exc.GST

Unit 1 / 2 / 3 Mains Consisting of:

- 112 x light points
- 12 x 2-way switches
- 4 x Dimmers
- 12 x ceiling fan points
- 10 x exhaust fan points
- 15 x smoke detectors
- 21 x single GPO's (rangehood, dishwasher, microwave, auto garage door, single points)
- 51 x DGPO's
- 3 x weatherproof DGPO's
- 6 x data points
- 6 x F.T.A TV points
- 3 x 20amp air-conditioning circuits
- 1 x oven circuit
- 1 x cook top circuit
- 1 x hot water circuit
- 1 x TV antenna excluding booster

Unit 1 / 2 / 3 Mains Consisting of:

- 3 x 4ft LED batterm
- 55 x recessed LED downlights
- 12 x recessed LED IP54 downlights
- 9 x Wall Lights
- 6 x recessed Wall Lights
- 3 x 2-way spot light
- 3 x recessed strip lights
- 12 x ceiling fans white
- 3 x wall mount light
- 6 x ceiling mount light

\$9,674.60 each

Nine thousand six hundred and seventy-four dollars sixty exc.GST

Total of 3 x Units

= \$29,023.80

Twenty-nine thousand and twenty-three dollars eighty

Unit 4 / 5 Mains Consisting of:

- 1 x temporary power in a permanent position
- 1 x single-phase temporary meter box
- 10 metres single-phase underground mains
- 1 x supply and install communications conduit from property boundary to external wall
- Testing of board.

\$1,080.00

One thousand and eighty dollars exc.GST

Unit 4 / 5 Mains Consisting of:

- 68 x light points
- 4 x 2-way switches
- 8 x Dimmers
- 8 x ceiling fan points
- 4 x exhaust fan points
- 10 x smoke detectors
- 14 x single GPO's (rangehood, dishwasher, microwave, auto garage door, single points)
- 34 x DGPO's
- 2 x weatherproof DGPO's
- 4 x data points
- 4 x F.T.A TV points
- 2 x 20amp air-conditioning circuits
- 1 x oven circuit
- 1 x cook top circuit
- 1 x hot water circuit
- 1 x TV antenna excluding booster

Unit 4 / 5 Mains Consisting of:

- 2 x 4ft LED battern
- 34 x recessed LED downlights
- 8 x recessed LED IP54 downlights
- 6 x Wall Lights
- 4 x recessed Wall Lights
- 2 x 2-way spot light
- 3 x recessed strip lights
- 8 x ceiling fans white
- 3 x wall mount light
- 6 x ceiling mount light

\$9,588.00 each

Twelve thousand two and eighty dollars exc.GST

Total of 2 x Units

= \$19,176.00

Nineteen thousand one hundred and seventy-six dollars

Unit 6 / 7 / 8 Mains Consisting of:

- 1 x temporary power in a permanent position
- 1 x single-phase temporary meter box
- 10 metres single-phase underground mains
- 1 x supply and install communications conduit from property boundary to external wall
- Testing of board.

\$1,080.00

One thousand and eighty dollars exc.GST

Unit 6 / 7 / 8 Mains Consisting of:

- 112 x light points
- 12 x 2-way switches
- 4 x Dimmers
- 12 x ceiling fan points
- 10 x exhaust fan points
- 15 x smoke detectors
- 21 x single GPO's (rangehood, dishwasher, microwave, auto garage door, single points)
- 51 x DGPO's
- 3 x weatherproof DGPO's
- 6 x data points
- 6 x F.T.A TV points
- 3 x 20amp air-conditioning circuits
- 1 x oven circuit
- 1 x cook top circuit
- 1 x hot water circuit
- 1 x TV antenna excluding booster

Unit 6 / 7 / 8 Mains Consisting of:

- 3 x 4ft LED battern
- 61 x recessed LED downlights
- 12 x recessed LED IP54 downlights
- 9 x Wall Lights
- 6 x recessed Wall Lights
- 3 x 2-way spot light
- 3 x recessed strip lights
- 12 x ceiling fans white
- 3 x wall mount light
- 6 x ceiling mount light

\$9,712.10 each

Nine thousand seven hundred and twelve dollars ten exc.GST

Total of 3 x Units

= \$29,136.30

Twenty-nine thousand one hundred thirty-six dollars thirty

Unit 9 / 10 / 11 / 12 Mains Consisting of:

- 1 x temporary power in a permanent position
- 1 x single-phase temporary meter box
- 10 metres single-phase underground mains
- 1 x supply and install communications conduit from property boundary to external wall
- Testing of board.

\$1,080.00

One thousand and eighty dollars exc.GST

Unit 9 / 10 / 11 / 12 Mains Consisting of:

- 144 x light points
- 8 x 2-way switches
- 16 x Dimmers
- 16 x ceiling fan points
- 12 x exhaust fan points
- 20 x smoke detectors
- 28 x single GPO's (rangehood, dishwasher, microwave, auto garage door, single points)
- 68 x DGPO's
- 4 x weatherproof DGPO's
- 8 x data points
- 8 x F.T.A TV points
- 4 x 20amp air-conditioning circuits
- 1 x oven circuit
- 1 x cook top circuit
- 1 x hot water circuit
- 1 x TV antenna excluding booster

Unit 9 / 10 / 11 / 12 Mains Consisting of:

- 4 x 4ft LED battern
- 68 x recessed LED downlights
- 16 x recessed LED IP54 downlights
- 12 x Wall Lights
- 8 x recessed Wall Lights
- 4 x 2-way spot light
- 4 x recessed strip lights
- 16 x ceiling fans white
- 4 x wall mount light
- 8 x ceiling mount light

\$9,683.00 each

Twelve thousand two and eighty dollars exc.GST

Total of 4 x Units

= \$38,732.00

Thirty-eight thousand seven hundred thirty-two dollars

Unit 13 / 14 Mains Consisting of:

- 1 x temporary power in a permanent position
- 1 x single-phase temporary meter box
- 10 metres single-phase underground mains
- 1 x supply and install communications conduit from property boundary to external wall
- Testing of board.

\$1,080.00

One thousand and eighty dollars exc.GST

Unit 13 / 14 Mains Consisting of:

- 68 x light points
- 4 x 2-way switches
- 8 x Dimmers
- 8 x ceiling fan points
- 4 x exhaust fan points
- 10 x smoke detectors
- 14 x single GPO's (rangehood, dishwasher, microwave, auto garage door, single points)
- 34 x DGPO's
- 2 x weatherproof DGPO's
- 4 x data points
- 4 x F.T.A TV points
- 2 x 20amp air-conditioning circuits
- 1 x oven circuit
- 1 x cook top circuit
- 1 x hot water circuit
- 1 x TV antenna excluding booster

Unit 13 / 14 Mains Consisting of:

- 2 x 4ft LED battern
- 34 x recessed LED downlights
- 8 x recessed LED IP54 downlights
- 6 x Wall Lights
- 4 x recessed Wall Lights
- 2 x 2-way spot light
- 3 x recessed strip lights
- 8 x ceiling fans white
- 3 x wall mount light
- 6 x ceiling mount light

\$9,588.00 each

Twelve thousand two and eighty dollars exc.GST

Total of 2 x Units

= \$19,176.00

Nineteen thousand one hundred and seventy-six dollars

Unit 15 / 16 Mains Consisting of:

- 1 x temporary power in a permanent position
- 1 x single-phase temporary meter box
- 10 metres single-phase underground mains
- 1 x supply and install communications conduit from property boundary to external wall
- Testing of board.

\$1,080.00

One thousand and eighty dollars exc.GST

Unit 15 / 16 Mains Consisting of:

- 60 x light points
- 4 x 2-way switches
- 8 x Dimmers
- 8 x ceiling fan points
- 4 x exhaust fan points
- 10 x smoke detectors
- 14 x single GPO's (rangehood, dishwasher, microwave, auto garage door, single points)
- 34 x DGPO's
- 2 x weatherproof DGPO's
- 4 x data points
- 4 x F.T.A TV points
- 2 x 20amp air-conditioning circuits
- 1 x oven circuit
- 1 x cook top circuit
- 1 x hot water circuit
- 1 x TV antenna excluding booster

Unit 15 / 16 Mains Consisting of:

- 2 x 4ft LED battern
- 34 x recessed LED downlights
- 8 x recessed LED IP54 downlights
- 6 x Wall Lights
- 4 x recessed Wall Lights
- 2 x 2-way spot light
- 3 x recessed strip lights
- 8 x ceiling fans white
- 3 x wall mount light
- 6 x ceiling mount light

\$9,588.00 each

Twelve thousand two and eighty dollars exc.GST

Total of 2 x Units

= \$19,176.00

Nineteen thousand one hundred and seventy-six dollars

Total amount of Electrical / Communication Works / Main Switchboard / Unground Works / Consumer Mains / Sub-Mains

= \$297,523.30

Two hundred and ninety-seven thousand five hundred and twenty-three dollars thirty exc.GST

Please note: Some architectural lighting counts lower than noted; also Townhouses 9, 10, 11 & 12 does not show any power outlets on Level 1, I have accommodated for this utilizing the other drawings.

x 2.0 mtrs
x ceiling
x 2.0 mtrs

Exclusions

- Energex Pillars
- Any Transformer works.
- Main Switchboard plinth.
- Solar Array on roof or Sky Lights.
- No allowance made for exhaust fans, ducting, run on timer, air-conditioning units
- Any fire rating.

- No allowance for power or lighting to Refuse Bin Area.
- No allowance for any CAD drawings.
- NBN Patching, PCD Equipment and Fly Leads, NTD's
- No allowance for concrete cutting, chasing and core holes.
- All special conditions brought about after the date of our quotation.
- Capital Contributions, Energex and Authority Fees.
- Any craneage, scaffold hire – provided by builder.
- Any intercom or CCTV works
- No allowance for any temporary fencing or signage during escalation; provided by builder.
- Any white goods or appliances
- No allowance for Type L4a fitting; not shown on plan.

3.0 GENERAL CONDITIONS

- These works will be based on our 'Standard Installation Practices' and 'Standard Terms and Conditions'. Electrical works will be installed to AS/NZS/3000:2018 standards.
- Cancellation of Electrical Switchboards after manufacturing has commenced will incur a 100% charge.
- Unless otherwise stated in this tender, allowance has been made for work to be carried out unimpeded during a normal thirty-six (36) hour's working week. Both with standing the above clause, we recognise that should we fall behind the rate of progress required to comply with the construction schedule, this company will take such steps as are necessary to comply with the construction program.
- Payment will be required within thirty (30) days from the date of monthly progress claims and/or final payment.
- The prices do not allow for a 10% Goods and Services Tax.
- Should As Installed Drawings be required, the DWG files are to be supplied to Energia Energy Pty Ltd free of charge and in relative time to be updated and forwarded on.
- Our own staff as required under the Electricity Act 2002 will carry out the electrical inspection. In the event an independent inspection is requested, the additional cost would be to the clients account.
- Energia Energy Pty Ltd will not be responsible for delays in Lighting Manufacturing should the Lighting be ordered at the commencement of the project.
- Excavation in rock has not been allowed for in this submission. Rock is deemed to be any material that cannot be excavated with an 8T Excavator with a standard trenching bucket.

14.0 STANDARD TERMS AND CONDITIONS OF SALES AND SERVICE

Interpretation: Energia Energy Pty Ltd

ABN No: 36 629 818 775

Work: shall mean everything to be performed or to be manufactured or supplied and or delivered pursuant to client order or contract.

Client: shall mean the company, firm, person or persons requesting goods or services pursuant to these terms and conditions.

Installation:

In the case of contracts involving installation and / or commissioning of equipment on site, our liability is limited to correct installation and operation of such equipment. No liability is accepted for associated equipment supplied and installed by others. Damage by others to equipment installed by Energia during our installation and warranty period will be to the client's account.

Quotations:

Quotations shall remain available for acceptance for 30 days from the date of quotation, and thereafter we reserve the right to vary our offer.

All quotations given by us are not covered by general conditions of contract, particularly in regard to insurance, retention sums and liquidated damages unless specifically noted.

This quotation is subject to confirmation or withdrawal at any time, until an order is accepted by us.

Prices are based on current cost of materials, wages and labour conditions, at the date of the quotation. If at any period after the date of quotation increases occur in these items, then the quotation price will be adjusted to allow for such increases.

GST:

Energia will clearly identify GST in all quotations supplied. All invoices will include the government GST component and be in approved "Tax Invoice" format.

Warranty:

All work carried out by Energia is subject to a guarantee period of three (3) calendar months from date of delivery against faulty material, workmanship or design by Energia, except failure due to misuse. In case of goods or parts not of our manufacture, warranty is limited to that given by the manufacturer of such goods or parts. All costs incurred for the removal and replacement of these items are also restricted to that supplier's Condition of Sale. This warranty does not cover adjustments, maintenance or normal wear and tear.

Where installation of equipment occurs outside the Brisbane metropolitan areas, warranty conditions will apply but any costs associated with the transport of goods or personnel or any other expenses associated with the maintenance personnel on that site to conduct such warranty work will not be covered under the terms of this warranty.

Should it be elected to personally or by outside contractors, conduct repairs, modifications, adjustments or servicing to switchgear or equipment during the warranty period without the consent of Energia Energy Pty Ltd in writing, the warranty of the total equipment will become null and void and claims for reimbursement of the costs for repairs of the work in question or future warranty work will not be considered.

The duration of the warranty period is calculated on a standard 36-hour week basis. All warranty work will be carried out during normal working hours, i.e.
Monday to Friday 7.30am - 4.00pm

Delivery:

Delivery to site is included unless otherwise stated. Off-loading or site handling is not included.

Standards:

All works will be undertaken with compliance to the relevant Australian Standards, Electricity Act 2002 and the Electrical Industry Code of Practice.

Site Allowance and Redundancy Funds:

Quotations do not include specific site allowance unless specified in the confirming letter.

Liability:

Notwithstanding our comments contained elsewhere herein, Energia Pty Ltd shall not be liable in any event for consequential losses and damages however occurring, including but not limited to the following:

1. Loss of profit.
2. Loss of contract.
3. Loss of / or interruption to production.
4. Replacement costs of power or services.

Terms of Payment:

If credit facilities are required, a 30-Day Credit Agreement form will be forwarded. Upon review of request for credit, if acceptable Energia Energy Pty Ltd will sign and return. No credit facilities will be given until the Credit Agreement is completed and signed by both parties (reviewed annually). Energia Energy Pty Ltd requests a deposit of 10% at commencement of works.

Credit Agreement terms are strictly 30 days from date of delivery / completion / progress claim, and that in the event of failure to comply with the trading terms, the client will be liable to pay a penalty on all outstanding accounts at the current Bank Overdraft rates, calculated per annum from the date from which accounts shall fall due.

In the case of where contract goods are delivered to site, these goods will remain the property of Energia until paid for in full. These terms of payment can only be varied by agreement in writing by both parties as a special condition of contract / order.

Delays:

No responsibility is accepted for delays in manufacture or installation due to strikes, lockouts, trade disputes, fires or other factors beyond our control. Claims for late or non-delivery of equipment will not be accepted unless agreed in writing by both parties as part of special conditions of order.

Confidentiality:

Energia Energy Pty Ltd quotations are provided on the pro-forma that information contained in quotation documents are kept secret and confidential, and shall not be disclosed to any third party, without the prior written consent of Energia.

Any design information, data, specifications, drawings, reports or other documents supplied or made available, the client shall take, or cause to be taken, such reasonable precautions as may be necessary to maintain secrecy and confidentiality agreements from their employees, agents and Sub-Contractors.

Alteration of Conditions:

These conditions shall apply to all orders for goods and services placed by the client with Energia to the exclusion of all other terms and conditions unless otherwise expressly agreed in writing. If the terms of the client's order are inconsistent with these conditions the delivery of the goods / services to the client or as the client directs shall constitute an offer by Energia to supply the goods / services to the client pursuant to these conditions which offer the client shall be deemed to accept by retaining / accepting the goods / services.