NEC ELECTRICAL

Terms and conditions

All installations and maintenance conducted by NEC Electrical are in accordance to Australian Standards. Some installations may have some irregularities either to the item being installed and the location and/or environment may not be known at the time of quoting. Our best endeavours, experiences and knowledge have been used to ensure an accurate and true presentation of the task at hand when it is presented. Should there be any variation to the arranged expectations of the job, NEC Electrical will at all times when possible, contact the person or business responsible for the works and advise variation to the task at hand. This may incur a variation to labour and material. We take no responsibility and will not be liable in any way for work or alternations completed by other electrical contractors, businesses or personal work after our completed installation date.

Quotations

We certify our quotations are a complete and accurate summary at the time of our inspection of the property and from the information provided to us by the client. Our quotations are valid for *14* days.

For the installation of Residual Current Devices (RCD's) or Safety Switch's

1. When a residual current device (RCD) is installed on an existing circuit, there is a possibility that the circuit may have an existing earth-neutral fault which would cause the new residual current device to activate which will cut power to that circuit. This indicates that the new RCD is doing its job and has indicated that a potential electrical danger is present. As we are required by electrical wiring rules to locate and eliminate this fault, the customer will be contacted and made aware of additional work required. Additional charges would then apply which are to be charged at a proportional hourly rate. To rectify the fault access to other rooms inside the property would be required at the time of installation. Some larger properties may have more than two circuits servicing light and power; in this instance a further RCD is required to protect each circuit.
2. When installing residual current devices (RCDs), it is necessary to locate and identify the respective neutral cable corresponding to the active of the particular circuit(s) to which the residual current device is being installed otherwise this condition will cause the new residual current device to activate which in turn will cut power to that circuit. In some circumstances, extra time and labor may be required to locate and match the corresponding active and neutral conductors as previous wiring standards do not anticipate the installation of RCDs to the extent of today's requirements. This is not a common and is more likely to occur in multi-story buildings, though it can also be encountered in single story buildings without ceiling access. The cabling technique adopted used multiple single insulated cables in conduits or cabling ducts rather than sheathed cables which retain the pairing of the conductors. In the unlikely event of this occurring, we will make all effort to contact the customer for authorizing our installation of residual current devices, as additional charges would then apply and be charged at a proportional hourly rate. In some instances, access to other rooms/tenancies may be required at the time of installation to identify the cables.

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Faulty Equipment or Unsafe Wiring
Pursuant to the "AS/NZS 3000:2018 WIRING RULES" we are not permitted to allow unsafe wiring or equipment to be connected or remain connected to an electrical installation or supply of electricity. Therefore, if faulty or unsafe wiring or equipment is discovered, we are legally obliged to repair or isolate the circuit or faulty equipment. As a result of this requirement, we may be required to perform additional work at your property above and beyond what was quoted for. By accepting our quote, you also authorize us to perform such additional work as we see necessary to ensure compliance with the "AS/NZS 3000:2018 WIRING RULES", and you agree to pay the cost of such works.

For The Installation Hard Wired Smoke Alarm
It is recommended that smoke detectors are installed on the ceiling and if this is not possible on a wall within 300mm of the ceiling. Hard wired smoke detectors require entry to the ceiling space for installation which is usually accessed through a man hole in the ceiling. Should the construction of the roof space be a skillion roof (flat roof) extra time may need to be taken to remove the tiles or roof sheeting to access the ceiling. In the case of two storey units or homes, the ceiling is concrete or wooden with no ceiling cavity. In this instance it would be necessary to install a smoke detector approx. 500mm from a light fitting (to obtain a power feed for the alarm) and the installation of unavoidable surface mount ducting. Additional time in labour and materials would be added to the installation cost.

Smoke Alarms
The two most common types of smoke alarms used today are: ***photoelectric alarms and ionisation alarms***.
Ionisation smoke alarms detect large quantities of very small particles entering an ionization chamber. An alarm condition occurs when the ion flow is affected by smoke particles. This type of alarm is most effective to detect small particles of smoke.

Photoelectric smoke alarm is based on the principle of optical detection. It is also known as the "scattered" light principle. An alarm condition occurs when smoke particles enter a light path and some of the light is "scattered" by reflection and refraction onto a sensor, this type of alarm is best for areas where dense smoke may occur, such as in ductwork. Photoelectric alarms can minimise the incidence of nuisance tripping.

9 Volt Lithium Battery Smoke Alarms with non-removable battery may be used in a dwelling where there is no hidden space in which to run electrical wiring and no appropriate alternative location. As defined in "Building Amendment Regulation 2009", Regulation 38.O, the owner of the dwelling is to contact their local government of the district for approval of this type of alarm.

Asbestos Surcharge
NEC Electrical work within the "Health and Safety Act" and the "National Code of Practice for the Safe Removal of Asbestos". NEC Electrical will contract third party specialist for removal and any cost involved will be passed on switchboard panels containing asbestos. This is to cover the cost of PPE and additional time to work on affected boards and will be added to the installation cost. Codes are "National Code of Practice for The Safe Removal of Asbestos 2nd Edition (NOHSC: 2002 (2005))". Code of Practice for the Management and Control of Asbestos in the Workplace NOHS: 2008 (2005).

Hard digging/Site works
Types of soils are generally only known once work begins and can change from site to site. Previous construction works may have deposited foreign objects, building waste such as concrete and rubble which can be uncovered and cause delays with trench works. This may require extra time in labour to remove these obstructions when trenching or preparing a site. If hard rock or tree/plant roots is discovered and there is no alternative route for the work at hand, specialist equipment will be hired and labour charged additionally to the quoted works. At all times NEC Electrical will inform the appropriate person advising any changes to the scheduled work.

Multi-storey Properties
Design and the necessity to work at heights may incur additional labour and the hire of scaffolding and/or elevated work equipment.

Roof Design
The design of the roof and the access area may require additional labour with the removal and replacement of tiles or sheeting.

Parking availability at place of work
NEC Electrical will pass on to the client any fees for parking or any special permits as required to access service vehicles to the area. In the instance of free parking available at the work site we normally require a minimum of two regular car bays be made available for our vehicles and equipment.

Working Hours/Office Hours
Working hour time schedule is Monday to Saturday between the hours of *6am till 6pm*, unless otherwise arranged with *NEC Electrical*. Office hours are Monday to Friday, 9am to 4pm.

Rewires
Rewiring of dwellings to conform to current Australian Standards include building wiring only, it does not include re-conditioning of the internal wiring of lights, fixtures, appliances etc.

Warranties and Services
The Trade Practices Act 1974 (the Act) protects our customers with goods and services provided by *NEC electrical*. *NEC Electrical* only use quality materials with manufacturer's warranties/guarantees. NEC Electrical workmanship is warranted for a 12-month period from the day the works are completed. Charges for labour are not covered by manufacturer's warranties/guarantees of products and are required to be paid for by the originator of any works and/or agent acting on the behalf of the owner of the property. Labour cost to investigate faulty products is charged at our schedule fees. Material purchases and warranty claims are managed by *NEC Electrical* on your behalf as this is the preferred system with suppliers. Should our customers not be satisfied with any aspect of our work please contact *NEC Electrical*

Materials *are required to have 50% paid before work is to commence on the job*

Terms of Payment are to be made in full as per invoice immediately when job is complete. Methods of payment are electronic transfer/cash/credit cards will (incur 2%) fee

Schedule Payments for new domestic builds or medium to large projects
Schedule of payment – 50% of total as deposit is required immediately when contract is awarded/accepted by Owner/ Builder, 25% payment is required when first fix is completed, and remaining 25% is to be paid when final electrical is completed.

All Western Power fees occurred are to be paid by home Owner/Builder

Extra works that are not in scope of works/BOM/quote is deemed additional and will incur variation costs, all costs are to be paid in full upon completion

NEC ELECTRICAL
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