

# State Procurement



## **Contract 2067 – Site Telecommunications Cabling**

User Guide

Contract Terminating: 31 October 2007

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## Background

Contract 2067 is a period panel contract and consists of a number of suppliers listed throughout NSW in thirteen (13) regional areas. The list of suppliers and their contact details are given in the attached table, which is updated periodically. The contract currently terminates in 31 October 2007 with one remaining option for extension. Contracting Services will conduct regular supplier performance reviews to ensure that the suppliers are performing to the required level.

Your feedback on supplier performance and quality of service is vitally important to the success of the contract. Please provide feedback good or bad on your experiences in dealings with the suppliers. Feedback in any form will be valued but preferred in the form of a short email addressed to [steven.zanker@commerce.nsw.gov.au](mailto:steven.zanker@commerce.nsw.gov.au)

## Scope of Services

Site Telecommunications Cabling involves the supply and installation of cable and cabling systems. Offerings may include, but are not limited to, the following, when offered as part of cabling installation works:

- Cable installation and termination,
- Copper and metal cable including UTP, STP, FTP and coax,
- Fibre-optic cable links (where approved to do so under this contract),
- Installation hardware including cable support systems,
- Equipment cabinets,
- Cabling or termination test equipment,
- Patching and cross-connection facilities,
- Radio data links (where approved to do so under this contract),
- Cable system documentation and commissioning,
- Associated training,
- Site Cable Management Systems,
- Cable system maintenance,
- Testing and certification,
- Other similar works and services.

Please note that a separate contract, 2306 - pabx and key telephone systems, associated products and services, should be used instead of contract 2067 if voice-only cabling is needed when installing, upgrading, expanding or enhancing pabx and key telephone systems.

## **IMPORTANT NOTE: REGIONS**

This new contract is structured into 13 regions within New South Wales as advised by the Department of State and Regional Development (DSRD). A site map can be found on page 15 of this user guide. Contractors have been categorised as either "a" or "b" contractors and a list of the scope of work that they are authorised to do, can be found within the tender specification on page 3 of this document.

All suppliers on this contract have equally agreed to the same contract terms and conditions. The final decision of whether to utilise the services of a category a or b supplier, rests entirely with the customer. Contractors have been allocated positions within those regions and to foster working relationships with the regional contractors clients are encouraged, that in the first instance priority should be given to utilising the services of locally based contractors allocated to those regional areas.

If these contractors are unavailable or are unable to provide the services, clients are encouraged to utilise the services of contractors from the nearest adjoining region. If these contractors are also unavailable or unable to provide the services then contractors from the nearest non-adjointing regions should be accessed. This only extends to contractors that have elected to provide site telecommunications cabling services for that particular region.

Where the services of a non resident supplier is solicited by a customer from a particular region and the supplier thus chosen wishes to sub contract the whole or part of their work out, the work that is to be sub contracted in the first instance must be offered to a resident contractor (if available) who represents the customer home region.

This initiative is taken to reinforce the commitment to provide regional based suppliers with the opportunity to complete for a place on contract. The structure of the contract takes into account to provide regional suppliers with as much opportunity as possible to compete for contract services.

Though this is not mandatory, customers from the regions are encouraged wherever possible to use regional services provided particularly where category b projects are required. Please bear in mind when sourcing a service provider for site telecommunications cabling services, due consideration is given to ensure that a suitably qualified provider is used for your specific project.

## **RELATED CONTRACTING SERVICES CONTRACTS**

Contracting Services has an extensive range of complementary panel contracts available on a whole of government basis. The following contract may be relevant to projects which involve Site Telecommunications Cabling. (ie) Contract 2069 – Network Products and Integration & Consultancy Services

## **EXCLUSION**

This contract excludes services that are provided to the NSW Government under agreements with licensed carriers. This contract does not cover the supply of accessories or products independent of cabling works. Cabling accessories (such as patch cords etc.) Can only be offered as part of a cabling installation or custom cabling works.

# TENDER SPECIFICATIONS

## DEFINITIONS

**Category A** - This is a higher level of accreditation and is designed for use by Departments when they require larger, more complex Telecommunications Cabling projects.

**Category B** - This accreditation category is intended for Site Telecommunications Cabling projects that are smaller or not as complex as Category A.

**Moving Forward** means totally ignoring the other party's needs.

**Project Manager** means the end to end co-ordination of the project

**Site** means the area within which cabling services are provided.

**Site Cable Management System** includes products to organise cabling infrastructure including installation, organisation and cable support.

**Site Manager** means the day to day co-ordination between different trades on Site.

**Site Telecommunications Cabling** means the planning and design, installation and administration of customer premises integrated information technology cabling. This cabling is intended to convey all types of information such as voice, data, text, images and video and provides connectivity to public carrier network services.

**Telecommunications**, has the same meaning as defined in standard AS 3080(INT):2002.

TCA1 Form means Telecommunications Advice 1 Form.

**Topologies** means the media and/or method of transmitting data (eg copper wire, fibre-optic, etc)

**UTP** means Unshielded Twisted Pair

**STP** means Shielded Twisted Pair

**FTP** means Foil Screened Twisted Pair (sometimes referred to as ScP – Screened Twisted Pair)

## 2 SCOPE OF SERVICES AND PRODUCTS

### 2.1 Inclusions

#### 2.1.1 Site Telecommunications Cabling Involves The Supply And Installation of Cable And Cabling Systems.

Services may include (but are not limited to) the following, when offered as part of cabling installation works:

- a. Cable installation and termination;
- b. Copper and metal cable including UTP, STP and FTP;
- c. Fibre-optic cable links;
- d. Wireless data links excluding work requiring an Engineer's certificate or similar (eg tower construction, etc);
- e. Installation hardware including cable support systems;
- f. Equipment cabinets;

- g. Cabling or termination test equipment;
- h. Patching and cross-connection facilities;
- i. Cable system documentation and commissioning;
- j. Associated training;
- k. Site Cable Management Systems;
- l. Cable system maintenance; and
- m. Testing and certification.

## **2.2 Exclusions**

- 2.2.1 This Standing Offer Excludes Services That Are Provided To The NSW Government Under Agreements With Licensed Carriers.
- 2.2.2 This standing offer does not cover the supply of accessories or products independent of cabling works. accessories (such as patch cords etc.) and other products, can only be offered as part of a cabling installation or custom cabling works, or as additional supplies after an installation for that customer.

## **3. REQUIREMENTS**

### **3.1 Category A**

- project management;
- site management;
- multi-tiered support services.

#### 3.1.1 Examples of these projects, include:

- Design and installation of new cabling systems for high rise buildings, campuses or new constructions;
- Performance of audits and reviews of cabling systems, particularly when active equipment is included;
- Installations involving the integration of multiple cabling/LAN topologies;
- Installations involving provision for Carriers services;
- Installations involving special protection's from the elements, engineering designed support structures and sensitive site requirements (defence, marine, chemical etc);
- Wireless data link design and installations.

### **3.2 Category A Classification**

- 3.2.1 Contractors responding to clients RFQ or RFT for category a classification:
  - a. have stable resources (management and qualified employees), to undertake the type of work as specified in the RFQ/RFT.
  - b. have three (3) employees with a current General Premises Cabling Licence (GPCL); or
  - c. have an Open Registration issued by an Australian Communications Authority (ACA) accredited registrar including notations for aerial, underground, fibre optic and category 5 (UTP, STP, FTP) cabling.

- 3.2.2 It is **mandatory** that the contractor has in his employment at all times three (3) permanent employees who holds:
- a. current General Premises Cabling Licence (GPCL); or
  - b. an Open Registration issued by an Australian Communications Authority (ACA) accredited registrar including notations for aerial, underground, fibre optic and category 5 (UTP, STP, FTP) cabling.
- 3.2.3 Contractors responding to clients RFQ/RFT must be able to provide project management services for cabling works if requested.
- 3.2.4 Contractors responding to clients RFQ/RFT must be able to provide to clients, a comprehensive project plan if requested.
- 3.2.5 Contractors responding to clients RFQ/RFT must be able to provide site management services of cabling works including the interaction with other trades on the premises.
- 3.2.6 The contractor must ensure that the cabling products and services used on all sites meet the applicable Australian industry standards (refer appendix a to annexure 1 of part b for a list of applicable standards).

### **3.3 Category B**

- Minimal project management;
- Minimal site management;
- Single-tiered support services.

3.3.1 Examples of these projects, include:

- Installation which expands an existing cabling system in high rise buildings and campuses;
- Relocation and changes to an existing cabling system or telephone block cabling;
- Wireless data link installations only.

### **3.4 Category B Classification**

- 3.4.1 Contractors responding to clients RFQ/RFT for category b, have as a minimum one employees member who holds, as a minimum:
- a. a current Base General Premises Cabling Licence (BGPCL);
  - b. an Open Registration issued by an Australian Communications Authority (ACA) accredited registrar.
- 3.4.2 Contractors responding to clients RFQ/RFT involving public land aerial or underground work, fibre-optic work or category 5 cabling must have employees who currently hold either a BGPCL with a licence endorsement or an open registration with notation to conduct such works.
- 3.4.3 The contractor must ensure that the cabling products and services used on all sites meet the applicable Australian industry standards (refer appendix a to annexure 1 of part b for a list of applicable standards).

### 3.5 General Regions

3.5.1 The regions listed below will be the regions in which the successful contractors may be allocated to work.

No	Region
1	Australia's Holiday Coast Region including Port Macquarie, Coffs Harbour, Lismore, Taree, Kempsey
2	Central Coast Region including Gosford, Wyong
3	Central Western Region including Bathurst, Lithgow, Orange, Parkes, Forbes, Cowra
4	Far Western Region including Broken Hill
5	Greater Sydney Region
6	Hunter Region including Newcastle, Cessnock, Singleton, Toronto, Belmont, Kurri Kurri
7	Illawarra Region including Wollongong, Kiama
8	Murray Region including Albury, Deniliquin
9	New England – North West Region including Tamworth, Armidale, Glen Innes, Inverell, Moree
10	Northern Rivers Region including Lismore, Ballina, Casino, Maclean, Grafton, Murwillumbah, Tweed Heads
11	Orana Region including Dubbo, Mudgee, Wellington, Cobar, Coonabarabran, Coonamble
12	Riverina Region including Leeton, Cootamundra, Griffith, Wagga Wagga
13	South Eastern Region including Bega, Cooma, Goulburn Queanbeyan

## 4. TENDER/QUOTATION PROCESS AND SERVICE PROVISION

### 4.1 Tender/Quotation Request

4.1.1 A department/agency representative will request a quotation from the contractor either in the form of a advertised tender, letter, e-mail, facsimile, or through a request for quotation process.

4.1.2 The contractor shall ensure that any quotation request received, independent of the means of receipt, fully describes:

- a. the scope of the services required including whether a project manager and/or site manager are required;
- b. the nature and positions of terminations;
- c. the provision of termination sockets, plugs, panels, racks and the like;
- d. the form and extent of acceptance testing;

- e. the responsibility for any work place clean-up including, but not limited to:
  - (i) building damage repair;
  - (ii) ground repair; and
  - (iii) rubbish removal.
- f. any exclusions from the services to be provided.
- g. Contractors responding to clients RFQ/RFT, must have a clear, documented and maintained escalation process for the resolution of problems.

## **4.2 Quotation Response**

4.2.1 The contractor must ensure, prior to responding to a request for quotation (RFQ) the availability of:

- a. one or more of its proposed Specified Personnel hold the necessary licence or registration and any appropriate vendor certification to provide the services requested;
- b. if requested in the RFQ, a Project Manager for the required services; and
- c. if requested in the RFQ, a Site Manager for the required services.

4.2.2 The contractor must, prior to accepting an order to undertake cabling works, ensure that:

- a. the Customer understands and agrees with the work to be done;
- b. it has provided clear written representations to the Customer as to:
  - (i) what the finished job will look like (eg. nature, position, and looks of cable conduit, cable racks etc.); and
  - (ii) how it may affect other Customer facilities.

4.2.3 The contractor shall be responsible to ensure the scope and details of the services required, have been fully explained and defined to the customer.

4.2.4 The contractor must, in its response to a quotation request, provide in writing:

- a. the name, address, licence details and region allocated of the proposed Sub-Contractor to be used in performing the work and
- b. where a cabling manufacturer's integrated cabling system is to be installed, the manufacturer's cabling system warranty period and any conditions attached thereto; or
- c. where a cabling manufacturer's integrated cabling system is NOT to be installed, the warranty period which is to be the greater of the Contractor's warranty period and one year, and any conditions attached thereto.

- 4.2.5 The contractor must, if requested by the customer, provide, in writing, in its response to a RFQ/RFT,:
- a. the name of the proposed Specified Personnel responsible for the works;
  - b. the licence / registration details of the proposed Specified Personnel;
  - c. any accredited vendor training course undertaken and vendor certifications held by the Specified Personnel;
  - d. the name of the Project Manager, if one has been requested;
  - e. the name of the Site Manager, if one has been requested.
- 4.2.6 The contractor must provide to the customer, in writing, any conditions or exclusions to the warranty terms. The contractor must clearly indicate that the conditions or exclusions to the warranty terms are specifically for the customer and for this RFQ. They are not to be included in any 'standard terms and conditions' or similar, and apply only if the customer has signed off on these. No exclusions or conditions are to avoid or nullify the basic requirements of the customer receiving the expected services.

### **4.3 Service Provision**

- 4.3.1 The contractor shall prepare, use and maintain a project plan and implementation plan, if requested by the customer. The plans must describe:
- a. the various stages of the works to be done;
  - b. the nature of the work involved;
  - c. schedule milestones , including completion dates of the various stages;
  - d. any expected participation on the part of the Customer; and
  - e. a written statement of all the project stages which may affect the Customer's normal operations.
- 4.3.2 The contractor shall ensure that where the services are an extension of, or are to be connected to, an existing installation, the total combined works will meet the required specifications and any existing or new vendor certifications.
- 4.3.4 The contractor shall liaise with service providers and the customer representative to arrange disconnections / connections.
- 4.3.5 The contractor shall consistently supervise cabling work to ensure that cabling is correctly laid, supported and positioned, and that it is not damaged during installation nor left such that it is likely to be damaged in the future.
- 4.3.6 The contractor must prepare a full acceptance testing plan (or reach agreement if a plan is provided by the customer), and provide all required test equipment to both ensure that the cabling works meet the specifications and standards, and to demonstrate this to the customer's representative.

- 4.3.7 The contractor must conduct the acceptance testing with the customer's representative, as mutually agreed, take corrective action where necessary, then repeat the acceptance testing as required, until the standards have been met, and the customer has signed an acceptance statement.
- 4.3.8 If the cabling, its installation, its termination or any aspect of the agreed work is later found to be not conforming to the specifications, during the warranty period (as specified in the GITC version 2), the contractor shall be responsible for the rectification of the problem and bring the job up to specifications, at the contractors expense, and, shall:
- a. within 7 business days of being advised of the defect, notify the Customer when the work will be performed;
  - b. commence the work within 14 business days of being advised of the defect;
  - c. negotiate a completion date with the Customer; and
  - d. complete the work by the negotiated completion date.

#### **4.4 Completion of Services**

- 4.4.1 The contractor will ensure all labelling of cables and outlets etc, conform to the required cabling floor plans, cabling records, tca1 form (or its replacement), tests results and documentation, and any other agreed documentation of the services are delivered to and accepted by the customer.
- 4.4.2 The contractor must ensure all documentation is prepared in accordance with the applicable Australian standards (refer appendix a to annexure 1 of part b), unless specified otherwise, in writing, by the customer.
- 4.4.3 At completion of the works, the contractor must submit a written certificate of completion of works, signed by the contractor and the customer, together with a copy of the tca1 form.

#### **4.5 Cabling**

- 4.5.1 All cable used must be the correct and suitable type for the particular application, in accordance with the standards and guidelines in appendix a to annexure 1 of part b, as applying from time to time.
- 4.5.2 The installed cable and terminations must meet the end-to-end performance required by the specification, the official order, relevant standards, and the conditions of this agreement.

#### **4.6 Limit on Sub-Contractors**

- 4.6.1 Contractors who are authorised to by the customer to subcontract work in any of the defined regions on this standing offer, will only subcontract such work to an approved regional contractor, if any, representing that region in their own right.
- 4.6.2 The customer may refuse a nominated sub-contractor without explanation.
- 4.6.3 Contractors will not sub-contract project management or site management services.

#### **4.7 Continued Licence Validity**

- 4.7.1 The contractor shall ensure its employees who are licensed but not registered, will attain an open registration from one of the Australian communications authority accredited registrars, prior to 1 May, 2004.
- 4.7.2 In the event that no employee obtains open registration from one of the Australian Communications Authority accredited registrars (refer appendix b to annexure 1 of part b) prior to 1 may, 2004, Contracting Services reserves the right to remove the contractor from the list of approved contractors on this agreement.
- 4.7.3 The contractor shall co-operate with Contracting Services in a contract performance review to be conducted around may 2004 to ascertain the level of qualifications of its employees.

#### **4.8 Security Clearances Approval of Employees**

- 4.8.1 The contractor acknowledges that Contracting Services or any customer under this standing offer for security reasons may undertake investigations, including a check of police records, of any employees or proposed employees of the contractor or any sub-contractor employed.
- 4.8.2 The contractor shall submit to Contracting Services or the customer, if requested, a list of the full names, former name(s) and place and date of birth of persons for whom approval is sought to be engaged as employees or sub-contractors and their employees.
- 4.8.3 The contractor shall ensure that no employees or sub-contractor and their employees are employed under this agreement prior to the contractor obtaining all employee clearances as a result of an investigation as per clause 4.8.1.
- 4.8.4 Contracting Services or the customer shall inform the contractor in writing if a clearance is approve for the engagement of the person(s) who are the subject of the investigation.
- 4.8.5 If a clearance is not approved, then the contractor must not engage the employee for work at that site.
- 4.8.6 Contracting Services or the customer may, without being required to give any reason, direct the contractor in writing, not to engage a particular person as employees at the site concerned and the contractor shall forthwith comply with such direction.

## 5. Applicable Standards

5.1.1 The Standards At The Present Include But are not Limited to:

- a. AS/ACIF S008:2001 Requirements for Authorised Cabling Products
- b. AS/ACIF S009:2001 Installation Requirements for Customer Cabling (Wiring Rules)
- c. AS/NZS 3080(INT):2002 Telecommunications Installations – Integrated Telecommunications Cabling Systems for Commercial Premises
- d. AS 3084-1993 Telecommunications Installations - Telecommunications Pathways and Spaces for Commercial Buildings
- e. AS/NZS 3085.1:1995 Telecommunications Installations - Administration of Communications Cabling Systems. Part 1 - Basic Requirements.
- f. AS/NZS 3086:1996 Telecommunications Installations – Administration of Communications Cabling Systems for small office / home office premises.
- g. AS/NZS 3087:2000 Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with values set out in AS/NZS 3080:2000
- h. AS 1046.2 Letter Symbols
- i. AS 1102 Graphical Symbols
- j. AS 1104 Informative Symbols
- k. Other handbooks, work instructions, and recommended practices in the Communications Cabling Manual currently Modules i and ii which are:
  - (i) HB 243, Australian regulatory arrangements
  - (ii) HB 29, Communications cabling manual
- l. AS 4915-2002 Project Management – General Conditions
- m. AS 1417.1 – 1987 Receiving Antennas for Radio and television in the frequency range 30MHz- part 1: Construction and Installation.

## 6. Accredited Registrars

6.1.1 At the time of writing, the Australian Communications Authority accredited registrars are:

- a. Australian Cabler Registration Service (ACRS)  
Phone: 1300 66 77 71  
Fax: (02) 9744 1830  
Email: [enquiries@acrs.com.au](mailto:enquiries@acrs.com.au)  
Website [www.acrs.com.au](http://www.acrs.com.au)  
Shopfronts: For your nearest shopfront phone (03) 9645 5566  
Postal: P O Box 1106, Burwood North NSW 2134
- b. Australian Security Industry Association Limited  
Phone: (02) 9906 4780  
Fax: (02) 9906 4202  
Freecall: 1800 804 510  
Email: [cablerservices@asial.com.au](mailto:cablerservices@asial.com.au)  
Website: [www.asial.com.au](http://www.asial.com.au)  
Address: Lawson House, Suite 306, 10-12 Clarke Street, Crows Nest NSW 2065  
Postal: PO Box 1338, Crows Nest NSW 1585
- c. BICSI Registered Cablers Australia P/L (BRCA)  
Phone: (03) 9813 3355  
Fax: (03) 9813 5611  
Freecall: 1800 306 444  
Email: [registration@bicsi.asn.au](mailto:registration@bicsi.asn.au)  
Website: [www.bicsi.org/brca](http://www.bicsi.org/brca)  
Address: Suites 1 & 2, 96 Camberwell Road, Hawthorn East VIC 3123  
Postal: PO Box 6073, Hawthorn West VIC 3122
- d. Fire Protection Association Australia (FPA Australia)  
Phone: (03) 9890 1544  
Fax: (03) 9890 1577  
Email: [cpr@fpaa.com.au](mailto:cpr@fpaa.com.au)  
Website: [www.cpr.fpaa.com.au](http://www.cpr.fpaa.com.au)  
Address: 13 Ellingworth Parade, Box Hill VIC 3128  
Postal: PO Box 1049, Box Hill VIC 3128
- e. TITAB Australia Cabler Registry Services (TITAB ACRS)  
Phone: 03 9349 4955  
Fax: 03 9349 4844  
Email: [crs@ittitab.com.au](mailto:crs@ittitab.com.au)  
Website: [www.ittitab.com.au](http://www.ittitab.com.au)  
Address: Suite 3, 139 Queensberry Street, Carlton South VIC 3053  
Postal: PO Box 348, Carlton South VIC 3053

No.	Region	Major Centres	Location
1	Australia's Holiday Coast	Port Macquarie, Coffs Harbour, Lismore, Taree, Kempsey	Region covers the coastal strip extending from Taree in the south to Woolgoolga in the north. It comprises the Manning, Hastings, Macleay, Kalang, Nambucca and Bellinger river valleys.
2	Central Coast	Gosford, Wyong	The region stretches along the Pacific Ocean from the Hawkesbury River in the south to the shores of Lake Macquarie in the north, and west to Doralong and Yarramalong valleys. Local Government areas of Gosford and Wyong.
3	Central Western	Bathurst, Lithgow, Orange, Parkes, Forbes, Cowra	The region lies to the west of the Blue Mountains, with the Bathurst-Orange area as its focal point. Major population centres are Bathurst, Lithgow, Orange, Parkes, Forbes and Cowra.
4	Far Western	Broken Hill	The region lies inland from the Orana region and is bordered by Queensland and South Australia. It encompasses the local Government areas of Broken Hill, Central Darling Shire and the unincorporated area of NSW.
5	Greater Sydney	Sydney region. An area bounded by Palm Beach, Asquith, Windsor, Richmond, Penrith, Camden and Waterfall	An area bounded by Palm Beach, Asquith, Windsor, Richmond, Penrith, Camden and Waterfall. Not moving forward.
6	Hunter	Newcastle, Cessnock, Singleton, Toronto, Belmont, Kurri Kurri	The regions comprises of towns and suburbs surrounding Newcastle, Cessnock, Singleton, Toronto, Belmont, Kurri Kurri.
7	Illawarra	Wollongong	The region is located immediately to the south and south-west of Sydney and north-east of Canberra.
8	Murray	Albury, Deniliquin	The region borders Victoria from the Great Dividing Range (Snowy Mountains) running across the south of NSW to the South Australian border. Albury / Wodonga, Swan Hill and Mildura.
9	New England – North West	Tamworth, Armidale, Glen Innes, Inverell, Moree	The region lies in the north of NSW. Covering towns such as Tamworth, Armidale Glen Innes, Inverell, Moree.
10	Northern Rivers	Lismore, Ballina, Casino, Maclean, Grafton, Murwillumbah, Tweed Heads	The region is located on NSW's north-east coast It consists of three geographical sub-regions defined by the three rivers the Tweed, Richmond and Clarence.
11	Orana	Dubbo, Mudgee, Wellington, Cobar, Coonabarabran, Coonamble	The region is located in mid north-west NSW bordering Queensland and the Far West, Central West and New England-North West regions Dubbo is the main centre with surrounding towns such as Mudgee, Wellington, Cobar, Coonabarabran & Coonamble.
12	Riverina	Leeton, Cootamundra, Griffith, Wagga Wagga	The region encompasses the middle and lower reaches of the Murrumbidgee river valley of south-east Australia It borders on the Central West, Orana and Far Western regions. Wagga Wagga is the major centre.
13	South Eastern	Bega, Cooma, Goulburn, Queanbeyan	The region covers Its major centres are Canberra Queanbeyan and Goulburn.

## CATEGORY A CONTRACTORS

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
ADG Electrical & Communication Services	ADG Electrical & Communication Services	P.O Box 311 Caringbah NSW 1495	Rachel Kenworthy	02 9531 5296 Fx: 02 9525 5925 <a href="mailto:Rachel@adg.net.au">Rachel@adg.net.au</a>		•			•		•				•		
All Network Communications P/L	All Network Communications P/L	PO Box 109 Thirroul NSW 2515	Graeme Jagelman	02 42 72 3244 Fx: 02 42 723 188 <a href="mailto:admin@allnetwork.com.au">admin@allnetwork.com.au</a>					•		•						•
Ardayne Engineering P/L	Ardayne Engineering P/L	1 Cambridge St Willoughby NSW 2068	Wayne Bennett	02 9417 8866 Fx: 02 9417 4797 <a href="mailto:Wayne_bennett@onaustralia.com.au">Wayne_bennett@onaustralia.com.au</a>		•			•		•						
Australian Data Cable Systems P/L	Australian Data Cable Systems P/L	Unit 4, 6 Johnson St Maitland NSW 2320	Nardia Carter	02 4932 3499 Fx: 02 4962 3533 <a href="mailto:office@australiandata.com.au">office@australiandata.com.au</a>	•	•	•		•	•	•		•	•			•
AVC P/L	AVC P/L	PO Box 1502 South Coast Mail Centre NSW 2521	Therese Vidaic	02 4220 0700 or 02 4220 0704 Fx: 02 4228 5648 <a href="mailto:info@avc.com.au">info@avc.com.au</a>		•	•		•		•	•				•	•
Caslec Industries Pty Ltd	Caslec Electrical & Data	PO Box 2001 Smithfield NSW 2164	Chris Mulvey	02 9604 4488 Fx: 02 9604 0999 <a href="mailto:service@caslec.com.au">service@caslec.com.au</a> <a href="http://www.caslec.com.au">www.caslec.com.au</a>					•	•	•					•	
Celtron P/L	Celtron Network Cabling	PO Box 153 Carrington NSW 2294	Andrew Molloy	02 4969 4777 Fx: 02 4969 2077 <a href="mailto:info@celtron.com.au">info@celtron.com.au</a>	•	•			•	•			•		•		
Chubb Security Australia Pty Ltd	Data Cabling Solutions	94 Elizabeth Street Tighes Hill NSW 2303	David Kennedy	02 4924-4544 or 0401778035 Fx: 02 4924 4559 <a href="mailto:david_kennedy@chubb.com.au">david_kennedy@chubb.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
CommStar Communications	Star Electrical Co P/L	PO Box 916 Bankstown NSW 2200	Richard Mapson	02 9708 7525 Fx: 02 9791 9420 <a href="mailto:commstar@commstar.com.au">commstar@commstar.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Datatech	Datatech	P O Box 460 Rydalmere NSW 1701	Bruce Yates	Ph: 8832-7800 Fax: 8832-7801 <a href="mailto:adminnsw@datatechaustralia.com.au">adminnsw@datatechaustralia.com.au</a>		•	•		•	•							
Downer RML P/L	Downer RML P/L	480 Victoria Rd Gladesville NSW 2111	G. Charalambous	02 9879 8400 Fx: 02 9879 8400 <a href="mailto:g.charalambous@ralphmlee.com.au">g.charalambous@ralphmlee.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Elam Communications P/L	Elam Communications P/L	52 Griffiths Ave West Ryde NSW 2114	Lyn Evans	0418 647 250 or 02 9809 2999 Fx: 02 9809 2301 <a href="mailto:lyn@elam.com.au">lyn@elam.com.au</a>					•								
Electrical Data Voice Installation	Electrical Data Voice Installations	PO Box 3388 Sydney NSW 1043	Richard Abbott	02 9699 9961 Fx: 02 9699 8786 <a href="mailto:edv@edv.com.au">edv@edv.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Faraday Group P/L	Faraday Group P/L	1 Doig Ave Denistone East NSW 2112	Chris Carman	02 9809 5299 Fx: 02 9808 1273 <a href="mailto:mail@faradaygroup.com.au">mail@faradaygroup.com.au</a>		•			•								
G M Cabling Solutions	G M Cabling Solutions	Anzac Estate, Unit 15-151 Hartley Road Smeation Grange Narellan NSW 2567	Graham Monroe	02 4631 1611 Fx: 02 4631 1606 <a href="mailto:gmccable@bigpond.com">gmccable@bigpond.com</a>					•		•	•					
General Purpose Communications P/L	General Purpose Communications P/L	PO Box 618 Fairfield NSW 1860	Karl Burgin	02 9726 5588 Fx: 02 9726 5599 <a href="mailto:gpcomms@bigpond.net.au">gpcomms@bigpond.net.au</a>	•	•			•	•			•				•
Glencom Consultancy P/L	Glencom	Unit 16-1 Cowpasture Place Wetherill Park NSW 2164	Glenn McCarron	1300 767 644 Fx: 02 9729 4811 <a href="mailto:sales@glencom.com.au">sales@glencom.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
Goldbeck P/L	Canobolas Country Communications	PO Box E110 Orange NSW 2800	Jane Douch	02 63610666 Fx: 02 63610677 <a href="mailto:ccc@cww.otec.org.au">ccc@cww.otec.org.au</a>			•						•		•	•	•
Jodegan P/L	D&M Electrical Communications	13 Rabaul Place Wagga Wagga NSW 2650	Bruce Duffy	02 6925 3060 Fx: 6925 3259 <a href="mailto:info@dandm.com.au">info@dandm.com.au</a>			•	•				•			•	•	•
Kerfoot Electrics P/L	KE Technologies	1/18 Anvil Rd Seven Hills NSW 2147	Michael Spence	02 9838 7744 Fx: 02 9838 7532 <a href="mailto:info@kerfootelectrics.com.au">info@kerfootelectrics.com.au</a>		•			•		•						
Kevin R Sheather P/L Northern	Kevin R Sheather Group	PO Box 398 Gosford NSW 2250	Wayne Furneyval I	0412 322 390 or 02 9740 8500 Fx: 9740 8511 <a href="mailto:wfurneyvall@krs.net.au">wfurneyvall@krs.net.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Quality Solutions International P/L	Telephone Techniques	PO Box 836 Wagga Wagga NSW 2650	Theo Lightfoot	02 6921 5522 Fx: 02 6921 8518 <a href="mailto:teltech@bigpond.com">teltech@bigpond.com</a>								•				•	•
Raycall P/L	Ausscot Systems	PO Box 125 Riverwood NSW 2210	David Hart	0419 402601 or 02 9584 0399 Fx: 02 9584 0300 <a href="mailto:ausscot@ausscotsystems.com.au">ausscot@ausscotsystems.com.au</a>		•			•	•	•						•
Rivercorp P/L	Rivercorp P/L	PO Box 840 Broadway NSW 2007	Gabriella Angilletta	02 9563 2133 Fx: 9692 0899 <a href="mailto:gabbya@rivercorp.com.au">gabbya@rivercorp.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoalhaven City Council	Shoalhaven City Council	PO Box 42 Nowra NSW 2541	Soula Kerwand	02 4429 3801 Fx: 02 4423 7165 <a href="mailto:council@shoalhaven.nsw.gov.au">council@shoalhaven.nsw.gov.au</a>							•						•
Steel City Communications P/L	Steel City Communications P/L	PO Box 1438 Wollongong NSW 2500	Dianne Barry	02 4226 2377 Fx: 02 4226 4171 <a href="mailto:info@accentcomms.com.au">info@accentcomms.com.au</a>					•		•						•

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
Stowe Australia P/L	Stowe Australia P/L	PO Box 6265 Silverwater DC 1811	Craig Pendleton	02 9848 2181 Fx: 02 9898 0355 <a href="mailto:stoweaus@stoweaustralia.com.au">stoweaus@stoweaustralia.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Stowe Australia P/L	Stowe Australia P/L	2 Portside Crescent Wickham NSW 2293	David Lacey	Ph: 4962-3555 Fax: 4962-3400 <a href="mailto:Newcastle@stoweaustralia.com.au">Newcastle@stoweaustralia.com.au</a>		•				•							
Stowe Australia Pty Ltd	Stowe Australia Pty Ltd	12 Elizabeth Ave Taree NSW 2430	Kyll Goodsell	PH: 6552-6411 Fax: 6552-2631 <a href="mailto:taree@stoweaustralia.com.au">taree@stoweaustralia.com.au</a>	•								•	•	•		
Stowe Australia Pty Ltd	Stowe Australia Pty Ltd	186 Hockeys Lane Cambewarra NSW 2540	Cary Dunn	02 4446-0900 or 0408 600 667 Fax: 02 4446-1090 <a href="mailto:caryd@stoweaustralia.com.au">caryd@stoweaustralia.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Syndeticom P/L	Syndeticom P/L	PO Box 949 Balgowlah NSW 2093	Steve Judges	02 9430 9844 or 0418 450 200 Fx: 02 9430 9801 <a href="mailto:syndeticom@syndeticom.com.au">syndeticom@syndeticom.com.au</a>					•								
Unistar Enterprises P/L	Star-Tech Communications	Unit1/7 A Gibbes St Chatswood NSW 2067	Richard Parker	02 9496-4100 Fx: 02 9496-4199 <a href="mailto:rparker@startech.com.au">rparker@startech.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•

## CATEGORY B CONTRACTORS

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
AAP Communications Services	AAP Communications Services P/L	Level 3, 113 Wicks Rd North Ryde 2113	Darren Lowe	02 9322 8000 Fx: 02 9322 8650 <a href="mailto:Darren.lowe@aap.com.au">Darren.lowe@aap.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Abalcope P/L	Paul Biddolph Electrical Contractors	P.O Box 8008 Coffs Harbour NSW 2450	Paul Biddolph	02 6652 2011 Fx: 02 6652 7469 <a href="mailto:email@paulbiddolph.com.au">email@paulbiddolph.com.au</a>	•									•			
Ace Electrical Data & Voice P/L	Ace Electrical Data & Voice P/L	PO Box 1204 Wollongong Mail Centre NSW 2521	Phillip Berglund	0408297229 Fx: 02 4272 5946 <a href="mailto:acelec1@ozemail.com.au">acelec1@ozemail.com.au</a>					•		•						
Allied Technologies Group P/L	Allied Technologies Group P/L	P O Box 177 Mitchell ACT NSW 2515	Allan Timmins	6242 3000 Fx: 02 6241 5955 <a href="mailto:Sydney.admin@allied.com.au">Sydney.admin@allied.com.au</a>	•	•	•		•	•	•	•					•
Aquamaw P/L	Complete Network Cabling	2/28 Willis St Charlestown NSW 2290	Stephen Yorke	02 49422606 Fx: 02 49424845 <a href="mailto:Stephen.yorke@hunterlink.net.au">Stephen.yorke@hunterlink.net.au</a>	•	•	•		•	•	•		•	•	•	•	•
Austcoms Group P/L	Austcoms Group P/L	Unit 7, 54 Chegwyn St Botany NSW 2019	Lawrence Farrugia	02 9666 4155 Fx: 02 9666 4166 <a href="mailto:admin@austcoms.com.au">admin@austcoms.com.au</a>	•	•	•		•	•	•						
AVE Technologies P/L	AVE TechnologiesP/L	8/56 Industrial Drive Mayfield East NSW 2304	Chris Elkin	02 4968 7999 Fx: 02 4968-7988 <a href="mailto:chris@avetechnologies.com.au">chris@avetechnologies.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Aymfobe P/L	Steve Brewer Electrical	301 Hebbard St Broken Hill NSW 2880	Steve Brewer	08 80872617 Fx: 08 8088 4275 <a href="mailto:aymfobe@ozemail.com.au">aymfobe@ozemail.com.au</a>				•									
Cable Correct P/L	Cable Correct P/L	512 Darling St Balmain NSW 2041	Tracey Armani	02 9555 7751 Fx: 02 9555 7751 <a href="mailto:john@cablecorrect.com.au">john@cablecorrect.com.au</a>	•					•			•	•			

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
Cabling Solutions P/L	Cabling Solutions P/L	PO Box 846 Epping NSW 1710	Mark Uren	02 9876 8602 Fx: 02 9876 2729 <a href="mailto:markuren@cabling.com.au">markuren@cabling.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Central Coast Telephone Systems P/L	CCTS Telecommunications	PO Box 2211 Gosford NSW 2250	Philip Cook	02 43234944 Fx: 02 43234949 <a href="mailto:ccts@ccts.com.au">ccts@ccts.com.au</a>		•			•	•							
CID Electric Hay P/L	CID Electric Hay P/L	PO Box 73 Hay NSW 2711	Geoff Murphy	0408 962 972 Fx: 02 69932242 <a href="mailto:cidelec@tpg.com.au">cidelec@tpg.com.au</a>			•	•				•			•	•	
Commcord Communications P/L	Timatic Telechron	PO Box 5279 Burnley VIC 3013	Kelly Dwane	03 9299 1701 Fx: 03 9429 3400 <a href="mailto:commcord@commcord.net">commcord@commcord.net</a>		•			•	•	•	•				•	•
Complete InSite Solutions	Complete InSite Solutions	PO Box 347 Forbes NSW 2871	John Oomen	02 6851 6650 Fx: 02 6851 4323 <a href="mailto:john@completeinsite.com.au">john@completeinsite.com.au</a>			•	•									
Dalcommunications P/L	Dalcommunications P/L	PO Box 426 Cherrybrook NSW 2126	Steve Dalli	02 9484 4993 Fx: 02 9484 8420 <a href="mailto:steve@dalcom.com.au">steve@dalcom.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Data Networking Installations P/L	Data Networking Installations P/L	P.O Box 1372 Lismore NSW 2480	Terry McNamara	Tel: 02 6622 6600 Fax: 02 6622 7700 Mobile: 0428 899 300 <a href="mailto:datani@bigpond.com">datani@bigpond.com</a>										•			
Datapower Solutions P/L	Datapower Solutions P/L	8 Page Street Wentworthville NSW 2145	Tony Eid	0412 967 887 Fx: 9863 1100 <a href="mailto:dpsolutions@optusnet.com.au">dpsolutions@optusnet.com.au</a>		•			•		•						
Datateks P/L	Datateks P/L	PO Box 1187 Wagga Wagga NSW 2650	Cindy Cook	02 6926 3111 Fx: 02 6926 6938 <a href="mailto:datateks@datateks.com.au">datateks@datateks.com.au</a>			•	•				•			•	•	•
Datawire P/L	Datawire P/L	5/8 Leighton Place Hornsby NSW 2077	Sandy Thomson	02 9477 3711 Fx: 9477 7610 <a href="mailto:sandy@datawire.com.au">sandy@datawire.com.au</a>		•			•	•	•						

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
Eggins Enterprises P/L	Trojan Networks	PO Box 215 Brookvale NSW 2100	Troy Eggins	02 9939 3333 Fx: 02 9939 3344 <a href="mailto:reliable@trojannetworks.com.au">reliable@trojannetworks.com.au</a>		•	•		•	•	•						
Enterprise Networks Aust P/L	Enterprise Networks Aust P/L	Unit 5/17 Chester St Camperdown NSW 2050	Ian Jay	02 9550 3111 Fx: 02 9550 1001 <a href="mailto:info@ena.com.au">info@ena.com.au</a>	•	•			•		•						
Evotec P/L	Evotec P/L	PO Box 75 St Peters NSW 2044	Peter Carr	02 9565 7233 Fx: 9565 7233 <a href="mailto:service@evotec.com.au">service@evotec.com.au</a>		•			•		•						
Fairview Electrical	Fairview Electrical	284 Carrolls Rd Menangle NSW 2568	Frank Kleemann	02 46327265 Fx: 02 46327265 <a href="mailto:Fairview@ideal.com.au">Fairview@ideal.com.au</a>					•		•						•
Fredon Industries P/L	Fredon Industries P/L	PO Box 6006 Silverwater NSW 2128	Alan Brown	02 9748 4044 Fx: 02 9748 0040 <a href="mailto:nsw@fredon.com.au">nsw@fredon.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
GS & BD Electrics P/L	GS & BD Electrics P/L	PO Box 235 Narrandera NSW 2700	Gavin Sullivan	6959 1313 Fx: 6959 3000 <a href="mailto:gavin@asbd.com.au">gavin@asbd.com.au</a>												•	•
Heyday Group	Heyday Group	9 Waterloo Rd North Ryde NSW 2113	Wayne Carlson	02 9855 6666 Fx: 02 9885 6655 <a href="mailto:heydayinfo@heyday.com.au">heydayinfo@heyday.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	•
Hypec Information Technology Services	Hypec Information Technology Services	34 Herbert St West Ryde NSW 2114	Lucy Mead	Ph: 02 9808-3665 Fax: 02 9808-3596 <a href="mailto:lucym@hypecits.com.au">lucym@hypecits.com.au</a>		•			•	•	•						
KL& DL McGrath P/L	KL& DL McGrath P/L	6 Crisp Ave South Grafton NSW 2460	Mr K McGrath	02 66424170 or 0419494945 Fx: 02 66425739 <a href="mailto:kmcgrath@ceinternet.com.au">kmcgrath@ceinternet.com.au</a>										•			
Lightspeed Communications P/L	Lightspeed Communications P/L	21 Edith St North Haven NSW 2443	Jeff Smith	0407007500 Fx: 02 65599994 <a href="mailto:lightspeedcomms@optusnet.com.au">lightspeedcomms@optusnet.com.au</a>	•								•	•			

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
Macquarie Base P/L	Macquarie Base P/L	130 Excelsior Pde Toronto NSW 2283	Raymond Carpenter	02 4959 2700 Fx: 02 4959 2700 <a href="mailto:macgbase@bravo.net.au">macgbase@bravo.net.au</a>	•	•			•								
Mario Gasbarri & Robyn Blanch	Armidale TV & Video New England Data & Aerial Solutions	172 Puddledock Rd Armidale NSW 2350	Mario Gasbarri	0407456072 Fx: 02 67729537 <a href="mailto:dataserve@hotmail.com">dataserve@hotmail.com</a>	•								•				
Nerencom P/L	Nerencom P/L	PO Box 803 Cessnock NSW 2325	Neil Stevens	02 4990 9269 Fx: 02 49909279 <a href="mailto:sales@nerencom.com.au">sales@nerencom.com.au</a>	•	•		•	•				•		•		
Portbail P/L	AKE Electrical & Data Installations	9 Cornwall Court Dubbo NSW 2830	Alex Klaassen s	0418 634 991 or 02 6885 1477 Fx: 02 6885 1577 <a href="mailto:ake@hwy.com.au">ake@hwy.com.au</a>				•					•		•		
QC Communications	QC Communications	F//22 Powers Rd, Seven Hills NSW 2147	Steve Cornie	02 9674 4122 fx; 9674 4133 <a href="mailto:gingram@qccomms.com.au">gingram@qccomms.com.au</a>		•			•		•						
RenSpec Communications	RenSpec Communications	20R Wilfred Smith Drive Dubbo NSW 2380	Jason Rennie	02 68 855 344 Fx: 02 6884 4833 <a href="mailto:jrennie@bigpond.com">jrennie@bigpond.com</a>			•	•							•		
Robert & Jane Mason	RJM Communications	PO Box E212 Orange NSW 2800	Robert Mason	Ph: (02)6361-1135 Fax: (02) 6362-8862			•	•							•	•	•
SHC Electrical Services Pty Ltd	SHC Electrical Services Pty Ltd	PO Box 279 Ingleburn NSW 1890	Stephen McShane	(02) 9618 5688 Fx: (02) 9618 5655 <a href="mailto:shc@shcgroup.com.au">shc@shcgroup.com.au</a>					•		•						
Sother's Electrical & Communications	Sother's Electrical & Communications	9 Lowanna Street, Belrose NSW 2085	Charles Ryan	02 9975 1925 Fx: 02 9975 1925 <a href="mailto:charlesryan@bigpond.com">charlesryan@bigpond.com</a>		•			•	•	•	•					
Stephen Goode Electrical	Stephen Goode Electrical	23a John St Uralla NSW 2358	Stephen Goode	0412 466 537 or 02 67785068 Fx: 02 6778 3568 <a href="mailto:sgoode@optusnet.com.au">sgoode@optusnet.com.au</a>									•				

Company Name	Trading Name	Postal Address	Contact Name	Phone/Fax E-Mail	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13
Syndicate Communications Group P/L	Syndicate Communications Group P/L	1/171 Kingsgrove Road Kingsgrove 2208	Jamie Hall	Ph 02 9150-0899 Fx: 02 9150-7497 <a href="mailto:jhall@syndicate.com.au">jhall@syndicate.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	
Tech Knowledges P/L	Anitcom	4 Ferris Street, North Parramatta NSW 2151	Martin Cowper	02 9630 1118 Fx: 02 9630 0021 <a href="mailto:enquiries@anitcom.com.au">enquiries@anitcom.com.au</a>		•	•		•	•	•						•
Turner & Ledwidge Electrical Contractors	Turner & Ledwidge Electrical Contractors	PO Box 1332 Griffith NSW 2680	Richard Turner	02 6964 7272 Fx: 02 6964 0333 <a href="mailto:admin@turnled.com.au">admin@turnled.com.au</a>			•	•				•			•	•	•
Venstar P/L	Matchit Electronics Matchit Cabling Solutions	PO Box 417, Willoughby NSW 2068	Chris Eastaugh	02 9417 5477 Fx: 02 9417 7127 <a href="mailto:sales@matchit.com.au">sales@matchit.com.au</a>		•	•		•	•	•				•		
Wagga Jointing and Cabling	Wagga Jointing and Cabling	PO Box 8461 Koorringal NSW 2650	John Wilson	02 6922 1100 Fx: 02 6921 3422 <a href="mailto:Wagga.j.c@telstra.com">Wagga.j.c@telstra.com</a>			•					•				•	
Watters Electrical NSW P/L	Watters Electrical NSW P/L	PO Box 642 Lavington NSW 2641	Peter Ogilvie	02 60403777 Fx: 02 60403877 <a href="mailto:p.ogilvie@watters.com.au">p.ogilvie@watters.com.au</a>			•					•				•	
Wave1 Pty Ltd	Wave1 Pty Ltd	Unit 1, 3 Dunlop Court, Bayswater Vic 3153	Ali Ghassani	P: 02-9570 8455 F: 02-9570 9722 <a href="mailto:aghasani@Wave1.com.au">aghasani@Wave1.com.au</a>	•	•	•	•	•	•	•	•	•	•	•	•	
Wirenet P/L	Wirenet P/L	PO Box 3233 Umina NSW 2257	Wayne Black	02 4344 1344 Fx: 02 4344 1355 <a href="mailto:info@wirenet.com.au">info@wirenet.com.au</a>		•											