

QPRC



**QUEANBEYAN PALERANG
REGIONAL COUNCIL**

**DEVELOPMENT CONSTRUCTION
SPECIFICATION**

C101

GENERAL

VERSION 2 – APRIL 2018

TRIM REF: SF140543
C1849930

Amendment Record for this Specification Part

This Specification is Council's edition of the AUS-SPEC generic specification part and includes Council's primary amendments.

Details are provided below outlining the clauses amended from the Council edition of this AUS-SPEC Specification Part. The clause numbering and context of each clause are preserved. New clauses are added towards the rear of the specification part as special requirements clauses. Project specific additional script is shown in the specification as italic font.

The amendment code indicated below is 'A' for additional script 'M' for modification to script and 'O' for omission of script. An additional code 'P' is included when the amendment is project specific.

Amendment Sequence No.	Key Topic addressed in amendment	Clause No.	Amendment Code	Author Initials	Amendment Date
VERSION 1	Version 1 referenced	C101.06	A	KD	10/03/10
	Version 1 referenced	C101.12	A		
	Additional legislation added to text	C101.14	A		
	Version 1 referenced	C101.16	A		
	Work outside of the hours specified.	C101.17.	A		
	Utilities and Authorities - General	C101.19	A		
	Relations with Utility Authorities and other agencies	C101.20	A		
	Location and Protection of Services and Utilities	C101.21	A		
	Utility Adjustments	C101.22	A		
	Site Facilities - General	C101.23	A		
	Office for Superintendent	C101.24	A		
	Alternative Site Facilities	C101.25	A		
	Water Supply	C101.26	A		
	Electrical Service	C101.27	A		
	Telephone	C101.28	A		
	First Aid	C101.29	A		
	Chain Wire Fence at Site Facilities	C101.30	A		
	Special Requirements	C101.31	A		
Special Requirements	C101.32	A			
Deductions for Nonconforming Work	C101.33	A			

GENERAL

	Pay Items	C101.34	A		
VERSION 2	References to QPRC Updated		M	CS	13/03/18
	Hold point added	C101.11	A		
	Annexure C101-B Added	C101-B	A		

SPECIFICATION C101 – GENERAL – VERSION 2

CLAUSE	CONTENTS	PAGE
PROJECT SPECIFIC INFORMATION		1
C101.01	LOCATION AND DESCRIPTION OF PROJECT.....	1
C101.02	EXTENT OF WORK	1
C101.03	SUBSURFACE CONDITIONS	2
GENERAL REQUIREMENTS		2
C101.04	DRAWINGS.....	2
C101.05	STANDARDS AND TEST METHODS.....	2
C101.06	TESTING AND SURVEY	3
C101.07	WORKING AREAS.....	3
C101.08	SMOOTH JUNCTIONS.....	3
C101.09	SETTING OUT THE WORKS.....	3
C101.10	SITE MEETINGS.....	4
C101.11	WORK-AS-EXECUTED DRAWINGS.....	4
C101.12	ITEMS TO BE SUPPLIED BY THE PRINCIPAL	4
C101.13	SCHEDULE RATES	5
ENVIRONMENTAL REQUIREMENTS.....		5
C101.14	PROTECTION OF THE ENVIRONMENT	5
C101.15	DRAINAGE OF WORKS	5
C101.16	BLASTING.....	6
C101.17	LIMITS ON NOISE.....	6
C101.18	LIMITS ON GROUND VIBRATION	6
UTILITIES AND AUTHORITIES.....		7
C101.19	GENERAL	7
C101.20	RELATIONS WITH UTILITY AUTHORITIES AND OTHER AGENCIES.....	7
C101.21	LOCATION AND PROTECTION OF SERVICES AND UTILITIES	7

GENERAL

C101.22 PROGRAMMING AND DURATION OF UTILITY ADJUSTMENTS 8

SITE FACILITIES

C101.23 GENERAL 8

C.101.24 OFFICE FOR SUPERINTENDENT 8

C101.25 ALTERNATIVE SITE FACILITIES 9

C101.26 WATER SUPPLY 9

C101.27 ELECTRICAL SERVICE 9

C101.28 TELEPHONE 10

C101.29 FIRST AID 10

C101.30 CHAIN WIRE FENCE 10

SPECIAL REQUIREMENTS 11

C101.31 SPECIAL REQUIREMENTS 11

C101.32 SPECIAL REQUIREMENTS 11

MEASUREMENT AND PAYMENT 11

C101.33 DEDUCTIONS FOR NONCONFORMING WORK 11

C101.34 PAY ITEMS 11

ANNEXURE.....12

C101-A IWORK AS EXECUTED CERTIFICATION REPORT12

SPECIFICATION C101 : DEVELOPMENT CONSTRUCTION – GENERAL

– VERSION 2

PROJECT SPECIFIC INFORMATION

C101.01 LOCATION AND DESCRIPTION OF PROJECT

EXAMPLE (TO BE COMPLETED BY COMPILER)

1. The Works comprise the construction of a subdivision at North Arm Grove, Dubbo, Lots 16-90, D.P. 2315, in the Parish of Cork, City of Dubbo, NSW.
2. The subdivision involves the construction of five roads and the provision of services to 68 residential building sites.
3. Access to the subdivision is to be from Hastings Road and Gosford Circuit.

C101.02 EXTENT OF WORK

1. Works under this Contract comprise the supply of labour, materials and plant to construct the Works. It includes but is not limited to the following items of construction which shall be carried out in their entirety in strict accordance with and to the true intent and purpose of, the Conditions of Contract, these Technical Specifications, the Drawings listed herein, and under the supervision of the Superintendent.

EXAMPLE (TO BE COMPLETED BY COMPILER)

(a) General

- Provision for control, protection and safety of traffic during construction including notifications to and obtaining approvals from Authorities.
- Notification of all appropriate property owners adjoining the Works.
- Setting out the Works.
- Erosion and sedimentation control of the Works, including stockpile areas.
- Site clearing and grubbing. Topsoil to stockpile.
- Site regrading.
- Topsoil spreading and revegetation to disturbed areas.

(b) Roadworks

- Earthworks, including excavation and embankment construction.
- Stormwater drainage, including kerb and gutter, pipes, pits and headwalls.
- Sub-surface drainage.
- Pavement, consisting of unbound granular subbase and base, bituminous primer seal, and asphaltic concrete wearing surface.
- Guardfence.
- Signposting and linemarking.

GENERAL

- Ancillary works, including medians, paved footpath, turfing and landscaping.

(c) Structures

- Crib retaining wall
- Bridge, single span, comprising driven prestressed concrete piles, prestressed concrete bridge beams, and cast-in-situ reinforced concrete headstocks and deck.

(d) Provision of Services

- Water supply, including pumping station.
- Sewerage services, including pumping station.

(e) Work by Others

- Provision of electricity and gas services to the subdivision will be undertaken by the relevant authorities.
- The excluded work will be the responsibility of the Principal and Utility Authorities. Attention is drawn to the Conditions of Contract regarding the obligation of the Contractor to co-ordinate the works with any simultaneous and/or adjacent work by others. The Contractor shall liaise with these Contractors and Authorities to avoid disruption, delays and possible conflict.

C101.03 SUBSURFACE CONDITIONS

EXAMPLE (TO BE COMPLETED BY COMPILER)

1. A geotechnical investigation was carried out during February 1992 for design purposes. A copy of the report from this geotechnical investigation is available for the information of the Contractor upon request to the Superintendent.
2. The Contractor's attention is drawn to the General Conditions of Contract Clause "Site Conditions". The Contractor should make its own assessment of the in-situ moisture content likely to be encountered at the actual time work is to be carried out.

Contractor to Inform Itself

GENERAL REQUIREMENTS

C101.04 DRAWINGS

1. The Drawings which form part of the Contract Documents are bound in a separate volume.

C101.05 STANDARDS AND TEST METHODS

1. Unless otherwise specified in the Contract, and where applicable, materials and workmanship shall be in accordance with the relevant standard of the Standards Association of Australia.
2. A standard applicable to the Works shall be the edition last published 14 days prior to the closing date for tenders unless otherwise specified.
3. Overseas standards and other standard documents named in the Specification shall be applicable in the same manner as Australian Standards to relevant materials and workmanship.
4. Copies of any standards quoted or referred to in the Specification shall be kept

Australian Standards

Overseas Standards

Copies to be

on the site if so specified.

Kept on Site

5. Where no suitable AS test methods are available, those of the relevant State Road Authority shall be used. These are designated T123 etc.

Other Test Methods

C101.06 TESTING AND SURVEY

1. All testing and survey as required by the Technical Specifications shall be arranged and carried out by the Contractor and all test results and survey records made available to the Superintendent and Council. The cost of all such testing and survey shall be borne by the Contractor.

Contractor's Cost

2. The minimum frequency of testing and survey shall be in accordance with either the Specification for QUALITY SYSTEM REQUIREMENTS – VERSION 2 or QUALITY CONTROL REQUIREMENTS – VERSION 2 as appropriate for quality assurance or quality control contracts respectively. The appropriate requirements for this Contract are cited on the Form of Tender.

Minimum Frequency

C101.07 WORKING AREAS

1. The Principal will not be responsible for the safe-keeping of any of the Contractor's plant, equipment, tools, materials or other property. The Contractor may provide, and pay for, any security fencing considered necessary around any office, workshop or storage area, subject to the Superintendent's approval.

Security

2. If existing fencing is cut or altered by the Contractor, or if there is no existing site fencing, the Contractor shall provide and maintain temporary fencing to the satisfaction of the Superintendent during the Contract to prevent unauthorised entry into the property, and shall reinstate the fencing and remove temporary fencing on completion of the work.

Temporary Fencing

3. The Contractor shall erect appropriate regulatory, hazard, emergency information and fire signs, in accordance with AS 1319 Safety signs for the occupational environment, at prominent locations around the working areas and temporary site facilities. Signs shall include, but are not limited to: mandatory signs for personal protection such as eye, head and foot protection, and DANGER signs such as "DANGER, Construction Site. No Unauthorised Access". All words on word-message signs shall be approved by the Superintendent prior to sign manufacture or purchase.

Safety Signs

C101.08 SMOOTH JUNCTIONS

1. Construction work carried out under this Contract adjacent to or adjoining existing works, shall make smooth junctions with the existing work.

C101.09 SETTING OUT THE WORKS

1. The Superintendent will provide Permanent Marks as shown on the Drawings. The Superintendent will also establish bench marks related to the level datum.

Provision of Marks

2. Before any of the given survey marks on the base lines or the various control lines are affected by the Works, the Contractor shall transfer such survey marks to side positions clear of operations and shall note, and inform the Superintendent in writing, of the extent of such movement.

Transfer of Marks

3. The Contractor shall give the Superintendent not less than two full working days' notice of the intention to perform any portion of the relocation of survey control, establishment of recovery pegs, or setting out or levelling, so that suitable arrangements can be made for checking of the work by the Superintendent. If no such notification is

Notice for Relocation

Contractor's

GENERAL

given and a control mark is disturbed or destroyed, then the cost of re-establishing the control shall be borne by the Contractor.

Cost

4. The Contractor shall provide and fix adequate recovery pegs in suitable locations adjacent to the elements of work to enable location and construction to be checked.

Recovery Pegs

5. All pegs and profiles placed by the Contractor shall be removed on completion of work unless otherwise directed by the Superintendent.

Removal

C101.10 SITE MEETINGS

1. Regular site meetings will be held for the purpose of discussion of the progress and co-ordination of the Work under the Contract and any matters of doubt regarding the intent or interpretation of the Drawings or the Specification. The Contractor shall arrange for relevant sub-contractors or their responsible representatives to be present at these meetings. The meetings will be held at a time nominated by the Superintendent.

Representation

2. The Superintendent shall also give Council 48 hours notice of the date, time and location of the meetings. A Council representative may attend these meetings.

Advice to Council

3. The Superintendent or Superintendent's Representative shall chair site meetings, keep minutes of the proceedings and shall provide copies of the minutes for the Contractor, all present at the meeting and others concerned with the matters discussed.

Responsibility for Minutes

C101.11 WORK-AS-EXECUTED DRAWINGS

1. The Contractor shall supply the Superintendent with fully marked-up and certified Work-as-Executed Drawings for the whole of the Contract prior to issue of the Final Certificate. Prints or reproducibles of the Contract Drawings will be supplied by the Principal free of charge for this purpose. A Work-As-Executed Certification Report, refer to Annexure C101-A, shall be completed by an appropriate qualified Engineer or Surveyor commissioned by the Contractor. This is a **HOLD POINT**.

Submission (HP)

2. Work-as-Executed Drawings for Roadworks shall show in red ink all changes to the Contract Drawings and actual values of all levels shown on the Drawings. The Drawings shall be signed by a Surveyor and certified by the Contractor.

Roadworks

3. Work-as-Executed Drawings for Bridgeworks shall show in red ink all changes to the Contract Drawings, including variations to levels, dimensions, concrete, reinforcement, prestressing and other materials, all non-conformances accepted without rectification, suppliers and model numbers of bearings and proprietary joints and type of barrier railings installed where both steel and aluminium alternatives are detailed. The Drawings shall be certified by the Contractor.

Bridgeworks

C101.12 ITEMS TO BE SUPPLIED BY THE PRINCIPAL

1. Items listed in the Schedule of Items to be supplied by the Principal (TBS Items) will be supplied, delivered and unloaded by the Principal free of cost to the Contractor at points to be nominated. The Contractor shall give the Superintendent notice of the time delivery of TBS Items are required in accordance with the Requirements of the Technical Specification or as specified below.

Delivery

2. If any TBS Item is found to be damaged or defective the Contractor shall so inform the Superintendent within 2 days of taking delivery of such item. If the Contractor does not report damage or defect, it shall be deemed that the TBS Item was free from damage or defect when received. The Contractor shall then be responsible for any replacement or making good as may be directed by the Superintendent in the case of a Quality Control Contract or in accordance with the Disposition of Nonconformance

requirements in the Specification for QUALITY SYSTEM REQUIREMENTS – VERSION 2 in the case of a Quality Assured Contract.

3. The Contractor shall be responsible for the storage, protection and insurance of all TBS Items received.

***Contractor's
Responsibility***

C101.13 SCHEDULE RATES

1. Requirements in respect of all matters specified in this General Specification shall be considered as incidental to the Works and no separate Rates shall be provided in the Schedule in respect thereof.

***No Separate
Rates***

ENVIRONMENTAL REQUIREMENTS

C101.14 PROTECTION OF THE ENVIRONMENT

1. All work shall be carried out in such a manner as to avoid nuisance and/or damage to the environment. The Contractor shall comply with the requirements of any Environmental Impact Statement and Assessment Report or Review of Environmental Factors for the project, the conditions of approval imposed by the development consent, the Environmental Planning and Assessment Act 1979, the Protection of the Environment Operations Act 1997, the Rural Fires Act 1997, the Roads Act 1993, the Local Government Act 1993 and any other Council requirements and environmental legislation. No variation in costs or extensions of time will be considered due to these requirements.

***Conformance
to Acts***

2. The Contractor shall plan and carry out the Works to avoid erosion, contamination and sedimentation of the site and its surroundings.

***Erosion
Control***

3. Herbicides and other toxic chemicals shall not be used on the site without the prior written approval of the Superintendent.

***Herbicides and
Toxic
Chemicals***

4. No noise or smoke or other nuisance, which in the opinion of the Superintendent is unnecessary or excessive shall be permitted by the Contractor in the performance of the Works under this Contract. Should work outside customary working hours be approved, the Contractor shall not use, during such period, any plant, machinery or equipment which in the opinion of the Superintendent is causing or is likely to cause a nuisance to the public. No noisy works and/or works likely to disturb nearby residents shall be undertaken during the hours precluding such activity as specified by Council in accordance with the requirements for development consent.

***Noise, Smoke
or Other
Nuisances***

5. The Contractor shall ensure that fugitive dust from disturbed areas is minimised by a method approved by the Superintendent.

Dust Control

C101.15 DRAINAGE OF WORKS

1. The control and management of stormwater drainage through the site will be important during construction of the Works.

***Stormwater
Control***

2. The Contractor shall provide for the effectual diversion of surface water from the Works and provide and ensure proper flushing for storm and subsoil water across and beyond the Works at all times. The flow of stormwater and drainage along existing gutters and water tables shall not be interrupted.

***Stormwater
Diversion***

3. The Contractor shall provide efficient pumping equipment on site and shall keep trenches and excavations dewatered at all times during construction.

Pumping

GENERAL

4. All permanent retention basins, and temporary erosion and sedimentation control shall be completed prior to commencement of earthworks.

C101.16 BLASTING

1. Blasting will not be permitted without the specific approval of the Council. If such approval is given then blasting shall be carried out strictly in accordance with the Specification – EARTHWORKS – VERSION 2.

C101.17 LIMITS ON NOISE

1. The Contractor shall only use plant that have effective residential class silencers fitted to all engine exhaust, have engine covers fitted, are maintained in good order, and in addition meet the following requirements.

Plant with Silencers

- (a) On purchase have met the NAASRA Specification for Noise levels of plant and equipment, or
- (b) Have a Maximum Noise level (L_{MAX}) less than 80 dB(A) when measured at a distance of 7 metres.

2. Operational hours of plant, including the entry and/or departure of heavy vehicles, shall be restricted to 7am to 6pm Monday to Friday, 7am to 1pm on Saturday and at no times on Sundays or Public Holidays. Work outside of the hours specified shall not be undertaken without the prior approval of Queanbeyan City Council.

Working Hours

3. Noise emanating from the construction site when measured at any noise sensitive location (such as a residential premise), as determined by the Environment Protection Authority's publication Environment Noise Control Manual, shall not exceed an assigned L10 sound pressure level threshold (noise level exceeded for 10% of the sample time). The intent of this requirement is to avoid excessive noise and long periods of elevated noise that is reasonably anticipated to annoy or adversely affect the adjacent community.

Maximum Noise Levels

4. The Contractor will be responsible for any damage and compensation payments as a result of non observance of the above requirements. No claim by the Contractor arising out of these requirements will be considered by the Principal.

Contractor's Responsibility

C101.18 LIMITS ON GROUND VIBRATION

1. It is the intent of this Specification that ground vibration levels, transmitted from operating items of plant in the vicinity of residential premises shall not exceed levels that are close to the lower level of human perception inside the premise nor will cause structural damage to the building. Practices and vibration thresholds acceptable shall be determined in accordance with current Statutory Regulations. Where such regulation is not available, or jurisdiction is disputed, the criteria given in paragraphs 2 and 3 shall apply.

Levels

2. Vibration (RMS Z-Axis) generated by construction works shall not exceed

Limits

Curve 4 - for the period of 1 month or less

Curve 2 - for the period of more than 1 month

as defined in British Standard BS6472 "Evaluation of Human Exposure to Vibration in Buildings (1 HZ to 80 HZ)" when measured inside nearby residential premises.

3. Ground vibrations generated by construction works shall not exceed a peak particle velocity (V_R max) limit of 5 mm/sec when measured within one metre of any residential premise.

Peak Particle Velocity

4. The Contractor shall be responsible for any damage and compensation payments as a result of non-observance of the above requirements. No claim by the Contractor will be considered by the Principal.

Contractor's Responsibility

UTILITIES AND AUTHORITIES

C101.19 GENERAL

1. This section includes the location and protection of utilities and services, programming of the work by other Authorities and the Contractor, and an outline of utility adjustments required during the construction of the Works.

General

C101.20 RELATIONS WITH UTILITY AUTHORITIES AND OTHER AGENCIES

1. The Superintendent will arrange for all necessary adjustments to utilities required to conform to the Drawings unless specified otherwise or noted on the Drawings. The Superintendent will make every endeavour to arrange for such adjustments to be performed expeditiously and with a minimum of inconvenience to the Contractor. The 'Dial Before You Dig' Service, telephone 1100, may be contacted to obtain presence of gas, electricity and telephone services and some cables and pipes of companies and other organisations.

Principal to arrange adjustments to utilities

2. Where the Contractor's method of working results in additional adjustments to their plant being deemed necessary by any other Authority the Contractor will arrange for and bear all costs relevant to those additional adjustments. This applies regardless of any approval to the method of working by the Superintendent.

Additional Adjustments

3. The Contractor shall conduct the operations so as to interfere as little as possible with the operations of other Authorities or their contractors on or near the site of the works. The Principal reserves the right to permit other Authorities and others to work on or near the Works being constructed under the Contract.

Minimum Interference

4. The Contractor will not be responsible for the maintenance of any facilities installed or constructed by the various Authorities or structures and other facilities constructed by others (except where such structures and facilities form part of the Contract), but will be responsible for the protection of such facilities and structures during the Contract period.

Responsibility for Maintenance

5. In certain instances the Contractor may be required to provide the various Authorities the opportunity to remove, relocate, or work on their facilities before the Contractor proceeds with succeeding construction operations.

Delays due to works by Authorities

Should the Contractor suffer any delay in excess of the times set out in this worksection owing to the moving of any such services, or the operations of any Authority controlling such services, the Contractor may apply to the Superintendent for an extension of time in accordance with the Conditions of Contract.

The Contractor shall have no right to monetary compensation or to any claim for damages because of any loss owing to such delays, nor shall the Contractor stop the Works without the express permission in writing of the Superintendent because of any operation by other Authorities.

C101.21 LOCATION AND PROTECTION OF SERVICES AND UTILITIES

1. Prior to the commencement of any excavation the Contractor shall verify the location and depth of all Public Utility Mains and Consumer Services and shall be responsible for any damage caused, the repair of the damage, and payment of all charges associated therewith. Contact: DIAL 1100 BEFORE YOU DIG is a free service, from anywhere in Australia, of locating underground pipe and cables (possible within two working days). See

Contractor to verify locations

GENERAL

www.dialbeforeyoudig.com.au.

2. During the excavation of Works, the Contractor shall take every precaution that is necessary, in the opinion of the Superintendent, to secure existing gas, water or drainage pipes, sewers, electric conduits or other existing works, wherever met with both underground and overhead, or that are adjacent to these Works, from injury and shall maintain the same until in the opinion of the Superintendent, the backfilling of excavation and the general progress of the Works render further precautions unnecessary.

Precautions

The Contractor shall comply with the Statutory Requirements for maintaining safe working clearance to overhead electrical services.

3. Damage to existing water, gas or drainage pipes, sewers, electric conduit or other existing works or services, shall be repaired by the Contractor to the satisfaction of the Superintendent and the relevant Authority at the Contractor's cost.

Repairs to damage caused by Contractor

4. Where it is found necessary to remove, divert or cut into any existing sewer, drainage pipe, gas or water main, service pipes, electric conduits or other existing works, the Contractor shall give at least 3 days notice of the Contractor's requirements to the Superintendent, who will advise what arrangements should be made for the alteration of such existing works.

Notice to divert Services

5. Where the installation of service mains, pits and consumer service connections is to be carried out by the various Utility Authorities the Contractor shall liaise and co-ordinate with the relevant Authorities for the installation to coincide with the construction work of this Contract.

Liaison

The Contractor shall be responsible to programme the installation such that all work is completed by the relevant Authorities so as not to hinder or delay the progress of the construction work of this Contract.

6. Attention is directed to the possible existence of vibration and other working limitations in the vicinity of underground and overhead facilities. The extent of these limitations are liable to the absolute discretion of the Authority concerned.

Limitations on Work Methods

The Contractor shall be deemed to have included consideration of these potential limitations in the method of construction as proposed for approval by the Superintendent in accordance with the provisions of this worksection.

The cost of such limitations on working methods shall be determined in accordance with the Conditions of Contract.

7. Information shown on the Drawings concerning utility services has been compiled from information obtained from various Utility Authorities and is not guaranteed correct or complete. Services may exist which are not shown on the Drawings, or which are at locations or elevations different than those shown on the Drawings.

Disclaimer

C101.22 PROGRAMMING AND DURATION OF UTILITY ADJUSTMENTS

1. The Contractor shall give the Superintendent 21 days' notice in writing of the expected date of completion of each of the necessary parts of the Works required before each of the utility services listed in this worksection can be relocated.

Notice of Date of Completion of parts of the Works

No final trimming or subsequent parts of the Work shall proceed in any area of the Work until the adjustment of all utilities within that area is complete.

2. The Contractor shall allow in the programming of the Works for the utility adjustments specified in the following clauses. The finish dates given are approximate only. The Contractor shall be entitled to extensions of time if the utilities have not been relocated by these dates and this causes delay to the Contract.

Allowance for Utility Adjustments

The Contractor shall have no right to monetary compensation or to any claim for damages because of any loss attributable to such delays.

SITE FACILITIES

C101.23 GENERAL

1. This section includes the provision, maintenance and removal or restoration on completion of the Work of temporary site facilities for personnel, including the office for the Superintendent, and the necessary temporary utility services required on the site.

Workers' Facilities

2. The Contractor shall provide, equip and maintain temporary ablution facilities, dressing rooms, tool houses and the like required by any Industrial Ordinance, Award or Agreement for use of workers employed by the Contractor, or the Contractor's sub-contractors, and shall remove them on completion of the Contract.

Facilities required

3. The Contractor shall provide temporary latrine accommodation for use of the workers which shall be suitably enclosed and screened and in accordance with the requirements of the Local Authority, making a temporary connection to an existing sewer where one is available. The Contractor shall maintain such accommodation in a clean condition; pay all relevant fees and remove it on completion of the Work, capping off any temporary sewer connection

Latrines**C.101.24 OFFICE FOR SUPERINTENDENT**

1. The Contractor shall provide, equip, maintain and remove at the completion of the Works an office, including toilet facilities, for the sole use of the Superintendent and Superintendent's staff.

The office shall be comprised of:

- Building:
 - . A structure of prefabricated construction with minimum inside dimensions of 6 m x 3 m x 2.4 m high exclusive of toilet facilities, weatherproof, adequately insulated and well ventilated.
 - . The office shall contain 2 opening type windows fitted with insect-proof screens and an external door fitted with a cylinder night lock with 2 keys.
 - . The floor area shall be covered with an approved vinyl flooring and the walls and ceiling painted to the approval of the Superintendent.
- Furniture and fittings
 - . The office shall contain:
 - . One reference table of minimum size 1.5 m x 0.9 m.
 - . One desk, with lockable drawers, of minimum size 1.5 m x 0.9 m.
 - . Three office chairs and one stool all with padded seats, swivel base and adjustable height.
 - . Two 1.2 m square pin boards fixed to the walls.
 - . One 0.75 kW reverse cycle air conditioner.
- Toilet facilities
 - . The toilet facilities shall consist of a prefabricated structure, weatherproof and well ventilated, and connected to the temporary sewerage system and containing:
 - . One, minimum, partitioned w.c. cubicle with door and latch.
 - . Separate wash area with one, minimum, wash basin connected with hot and cold running water.
 - . Lockable external door with 2 keys.
- Electricity
 - . The office, including toilet facilities, shall be supplied with adequate electric lighting and the office with 2 double power points.
- Telephone
 - . Two telephone lines shall be connected to the office with one line fitted with a telephone hand set. The second line shall be for a facsimile machine supplied by

GENERAL

the Superintendent.

- Charges

- The Contractor shall pay all charges resulting from the supply, erection, installation, maintenance, cleaning and removal of the office, toilet facilities, electricity and telephone services.

C101.25 ALTERNATIVE SITE FACILITIES

- The Contractor may propose alternative site facilities in existing buildings adjacent to, or in close proximity to, the site of the Works. Full details of such alternative facilities shall be submitted for consideration by the Superintendent, however, the requirements detailed in Office for Superintendent shall be taken as the minimum acceptable.

C101.26 WATER SUPPLY

- The Contractor shall provide any temporary water supply required for site facilities and for carrying out the Work under the Contract.
- The Contractor shall pay all fees and obtain all approvals in respect of the temporary service and shall pay any charges for the water used. On completion of the Contract the temporary water supply service, except that to the Superintendent's office, shall be removed by the Contractor.

**Temporary
Water Supply**

**Fees and
Charges**

C101.27 ELECTRICAL SERVICE

- The Contractor shall provide any temporary electricity supply required for site facilities and for carrying out the Work under the Contract.
- The Contractor shall pay all fees and charges and shall obtain all approvals in respect of the temporary electricity supply. The temporary electrical installation and the electrical reticulation shall fully comply with and conform to the Service Rules, Regulations and Requirements of the Statutory Authority having jurisdiction. The Contractor shall pay for all electricity consumed.
- The temporary electricity service, reticulation and lighting, except that to the Superintendent's office, shall be removed by the Contractor on completion of the Contract.

**Temporary
Electricity
Supply**

**Fees and
Charges**

Removal

C101.28 TELEPHONE

- The Contractor shall arrange for installation of a temporary site telephone for the Contractor's and Sub-contractor's use and shall maintain the installation for the period of the Contract.
- All charges for installation, rental, calls and removal on completion shall be borne by the Contractor.

Provision

Charges

C101.29 FIRST AID

- The Contractor shall provide, equip and maintain an adequate First Aid Treatment Centre on the site and shall have an experienced First Aid person available at all times when work is in progress.
- The First Aid facilities shall be clearly marked and readily accessible to all personnel at all times. The minimum provisions under this Clause shall satisfy the current statutory requirements.

C101.30 CHAIN WIRE FENCE

1. The Contractor shall provide a 1.80 m high galvanised chain wire mesh perimeter fence, in accordance with the requirements of 1195 *Boundary fences for road reserves*, together with a galvanised tubular steel vehicular access gate, for the temporary site facilities as shown on the Drawings or as directed by the Superintendent.

Standard

2. The mesh fence shall be covered with a suitable hessian or shade cloth screen for its full height.

**Hessian
Covering**

3. The galvanised fence, screen material and gate shall be removed by the Contractor on completion of the Contract.

Removal

4. If a fence, in accordance with Chain Wire Fence is not required, the Working area including the site facilities shall be fenced off from the public to the satisfaction of the Superintendent and in accordance with any relevant regulations.

Other Fencing

SPECIAL REQUIREMENTS

C101.31 RESERVED

C101.32 RESERVED

MEASUREMENT AND PAYMENT

C101.33 DEDUCTIONS FOR NONCONFORMING WORK

1. Where deductions for nonconforming work are given in the worksections, the nominated deductions shall be applied to the rates given in the Pay Items for that item of work.

C101.34 PAY ITEMS

1. No separate measurement and payment shall be made for compliance with the requirements of this worksection except as specified in the pay item below.

Office for Superintendent

The unit of measurement shall be lump sum and shall include provision of all facilities detailed in Office for Superintendent.

AUS-SPEC #1

ANNEXURE C101-A

QUEANBEYAN CITY COUNCIL

WORK-AS-EXECUTED CERTIFICATION REPORT

Project Title: _____

DA/BA No: _____

Design Consultant's Drawing No: _____

Name of Consultant: _____

Name and Address of Developer: _____

I certify that the Work-as-Executed drawings represent the construction of Works for which Quality Records, providing a valid record of construction, is held by me and is available for inspection by Council.

I certify that the Works have been constructed in accordance with the Council approved drawings and standards with the exception of departures indicated on the Work-as-Executed drawings.

Each approved drawing has been reviewed and signed by me certifying that they contain all amendments reported by the Superintendent and visible in the finished works and accurately reflect the Works-as-Executed.

Contact Phone: _____

Consulting Engineer/Surveyor Date

Contact Postal Address: _____

Qualifications

AUS-SPEC #1

ANNEXURE C101 - B

INSPECTIONS/HOLD POINTS

Give notice so inspection may be made of the following:

Summary of HOLD POINTS

Clause title/subclause	Requirement	Notice for inspection	Release by
GENERAL REQUIREMENTS			
C201.11 – Work as Executed Drawings	Provide Work as Executed Drawings	2 working days	PCA

AUS-SPEC #1