# BRISBANE CITY COUNCIL

# Reference Specifications for Engineering Work

# S110 General Requirements

## Amendment Register

|  |  |  |  |
| --- | --- | --- | --- |
| Ed/Rev Number | Section Number | Description | Date |
| 1.0 |  | Original issue | Oct 2001 |
| 2.0 | General | Document name changed from ‘Reference Specifications for Civil Engineering Work’ to ‘Reference Specifications for Engineering Work’ | Mar 2021 |

(This Page Left Intentionally Blank)

## TABLE OF CONTENTS

1.0 GENERAL 1

1.1 Interpretation 1

1.2 Inspection 2

1.3 Contractor's Submissions 2

1.4 Materials, Components And Work 2

(This Page Left Intentionally Blank)

**ENE**

## GENERAL

### Interpretation

General

Annexure: Specifications are in two parts, a reference specification and (optionally) an annexure. Where an annexure is included in the Contract, it modifies the relevant reference specification by additions, deletions and amendments. The annexure overrides any inconsistent provisions in the reference specification.

Job specification: Where a job specification is incorporated in the Contract, it overrides any inconsistent provisions of the standard specifications and any schedule (read together as above).

Instructions: Instructions in the Contract not specifically addressed to any party are addressed to the Contractor.

Principal: The purchaser of goods and services.

Superintendent: Agent of the Principal and the person appointed by the Principal to supervise the work under the Contract.

Supplier: Provider of goods or services, usually under a subcontract.

Contractor: The person bound to execute the work under the Contract, or the Supplier of a product to the Principal and the Supplier's subcontractors and Suppliers in turn.

Product: That which is supplied by the Contractor, which may be either tangible (e.g. a built item); intangible (including services such as design and delivery of tangible product); or both.

Standards

Current editions: An Australian or other standard applicable to the Works is the latest edition in publication one month prior to the closing date for tenders.

Definitions

Provide: The words "provide", "supply" and similar expressions mean, "provide (supply, etc) and install" unless the context clearly implies, or it is explicitly stated, that the item is to be provided only.

Approved: The words "directed", "approved", "instructed", "rejected" and similar terms mean "directed (approved, etc) by the Superintendent".

Give notice: The words "give notice", "submit" and similar expressions mean, unless the context otherwise requires, "give notice (submit, etc) to the Superintendent". The Superintendent may require any verbal notice (submission, etc) to be confirmed in writing.

Other terms: The meaning of words not otherwise defined in the Contract is, where the context allows, as stated in *AS 4000* and *AS 1348.1*.

NATA: The National Association of Testing Authorities, Australia.

Dimensions

Verification: If the Works include alterations and/or additions to existing work, verify the dimensions of the existing work before proceeding. Seek direction regarding discrepancies.

Levels: Spot levels take precedence over contour lines and ground profile lines.

### Inspection

Covering up

Where notice is to be given for inspection of any part of the Works, do not cover up that part without approval.

### Contractor's Submissions

Samples

Quantity: Submit at least one of each item and two copies of any supporting documentation for review. Keep approved samples in good condition on the site, for reference, until practical completion.

Suitability: Do not commence work affected by samples until the samples have been approved. Submit further samples as required.

Delay: Delay caused by late submission or inadequacy of samples is not a reason for an extension of time.

Approval: Approval of samples does not affect the responsibilities of the Contractor under the Contract.

Criteria: Match approved samples, prototypes and sample panels throughout the Works.

Documents

Requirement: Prepare and supply such Drawings, Specifications, work procedures and other documents as are specified and as are directed. *Refer annexure*.

Suitability: Do not commence work affected by any such documents until the Superintendent has advised that the document is suitable. If the Superintendent deems a document unsuitable, submit a new or amended document as appropriate.

Delay: Delay caused by late submission or inadequacy of Contractor's documents is not a reason for an extension of time.

Work As-Constructed drawings

Requirement: Where work as constructed drawings are called for in the Contract, prepare drawings showing the "as constructed" locations and details of elements of the Works and any Temporary Works left in place. Show dimensions and levels*. Refer annexure*.

Format: The Principal or his agent must submit to Council one set of hardcopy work as constructed drawings. Mark on the drawings neatly and legibly in red ink to show deviations from and additions to the approved design drawings. A Registered Professional Engineer in Queensland (RPEQ) must certify the work as constructed drawings to be accurate and correct. A licensed surveyor must endorse all cadastral survey information. Where directed, complement hardcopies with digital submission. *Refer annexure*.

Time: Provide the work as constructed drawings within 2 weeks from the date of On Maintenance inspection (Practical Completion).

### Materials, Components And Work

Standards

Unless otherwise specified, all materials, methods and workmanship must be in accordance with the relevant Australian Standard.

Proprietary items

Definition: A proprietary item is any item identified by naming the manufacturer, supplier, installer, trade name, brand name, catalogue or reference number.

Implication: The identification of a proprietary item does not necessarily imply exclusive preference for the item but indicates the required properties.

Information: Submit proposed alternatives for approval. Submit available technical information and any other relevant information requested including reasons for the substitution (for example, the proprietary item is not readily available). State whether the use of the alternative will require alteration to any other part of the Works and advise any consequent variation to the Contract Sum.

Alternatives: The Superintendent may reject any alternative proposed. If alternative items are accepted, any cost difference must be treated as a variation.

Manufacturers' or suppliers' recommendations

Compliance: Select (where no selection is given) and store, handle and use manufactured items in accordance with the current published recommendations of the manufacturer or supplier.

Joining up

Requirement: Carry out the joining of new work to existing work, and any consequent cutting away, neatly and in a manner appropriate to the materials.

Environmental compliance

Carry out all work under the contract in accordance with the approved Environmental Management Plan.

Fire ant management

High risk activities: Those activities that have the potential to disturb or distribute the red imported fire ants (*Solenopsis invicta*) and result in the spread of fire ants across a site boundary. High risk activities can include:

* Earthworks of a minor or major scale.
* Revegetation or rehabilitation.
* Import of fill onto a site
* Export of fill or other materials such as soils, gravel, mulch, and plants.
* Export off or import onto a site of construction and demolition waste and materials or green waste.

High risk materials or items: Materials or items that are likely to house fire ants. High risk materials can include:

* Any soil either separately or associated with other items, potting media and organic mulches (e.g. topsoil, landscaping materials, green waste, plant stock, fill/spoil).
* Plants (including turf) with roots and soil or potting media attached.
* Baled hay and baled straw.
* Soil moving equipment or other soiled vehicles (including agricultural machinery).
* Any other item such as timber product, prepared stock foods and protein meals, shipping containers, caravans, motor vehicle bodies, boat and box trailers and construction material, that is infested with fire ants or contaminated with soil.

Precautionary and quarantine procedures: Undertake the necessary precautionary and quarantine procedures in accordance with the approved site-specific Environmental Management Plan or the Special Contract Conditions. If the aforementioned documents do not form part of the contract documentation, undertake the necessary precautionary and quarantine procedures prescribed in the BCC Corporate Procedure for Managing Fire Ants.